

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
Acute lymphoblastic leukemia	Acute Lymphoblastic Leukemia, B Lineage, Bone Marrow
	Acute Lymphoblastic Leukemia, B-Cell, Bone Marrow
	Acute Lymphoblastic Leukemia, B-Cell, Mature, Bone Marrow
	Acute Lymphoblastic Leukemia, B-Lineage, Transitional, Bone Marrow
	Acute Lymphoblastic Leukemia, Bone Marrow
	Acute Lymphoblastic Leukemia, Common , Bone Marrow
	Acute Lymphoblastic Leukemia, Common Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Common, Early Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Early B, Bone Marrow
	Acute Lymphoblastic Leukemia, Early Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Early Pre B, Hematological
	Acute Lymphoblastic Leukemia, Early Pre-B, Atypical, Bone Marrow
	Acute Lymphoblastic Leukemia, Early T Cell Precursor, Bone Marrow
	Acute Lymphoblastic Leukemia, Mixed Early Pre B And Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Mixed Pre B And Mature B, Bone Marrow
	Acute Lymphoblastic Leukemia, Non B, Non Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Pre B And Pre B Transitional, Bone Marrow
	Acute Lymphoblastic Leukemia, Pre-B, Bone Marrow
	Acute Lymphoblastic Leukemia, Pre-T Cell, Bone Marrow
	Acute Lymphoblastic Leukemia, Progenitor B Cell, Bone Marrow
	Acute Lymphoblastic Leukemia, T-Cell, Bone Marrow
	Acute Lymphoblastic Leukemia, Transitional Pre B, Bone Marrow
	Acute Lymphoblastic Leukemia, Undifferentiated, Bone Marrow
	T Cell Large Granular Lymphocytic Leukemia, Bone Marrow
Acute myeloid leukemia	Acute Erythroleukemia, Fab M6, Bone Marrow
	Acute Histiocytic Leukemia
	Acute Megakaryoblastic Leukemia, Bone Marrow
	Acute Megakaryoblastic Leukemia, Fab M7, Bone Marrow
	Acute Monocytic Leukemia, Bone Marrow
	Acute Monocytic Leukemia, Fab M5, Bone Marrow
	Acute Myelocytic Leukemia, Bone Marrow
	Acute Myelocytic Leukemia, Differentiated, Bone Marrow
	Acute Myelocytic Leukemia, Undifferentiated, Bone Marrow
	Acute Myeloid Leukemia With 11q23/Mll Abnormalities, Bone Marrow
	Acute Myeloid Leukemia With Inv(16) Or T(16;16) [cbfbeta/Myh11], Bone Marrow

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Acute Myeloid Leukemia With Multilineage Dysplasia, With Prior Myelodysplastic Syndrome, Bone Marrow
	Acute Myeloid Leukemia With T(6;9)(P23;q34) Dek-Nup214, Bone Marrow
	Acute Myeloid Leukemia With T(8;21) (Q22;q22) [aml1/Eto], Bone Marrow
	Acute Myeloid Leukemia, Minimal Differentiation, Fab M0, Bone Marrow
	Acute Myeloid Leukemia, Nos, Bone Marrow
	Acute Myeloid Leukemia, With Maturation, Fab M2, Bone Marrow
	Acute Myeloid Leukemia, Without Maturation, Fab M1, Bone Marrow
	Acute Myelomonocytic Leukemia, Bone Marrow
	Acute Myelomonocytic Leukemia, Fab M4, Bone Marrow
	Acute Myelomonocytic Leukemia, Fab M4eo(With Abnormal Eosinophils), Bone Marrow
	Acute Myelomonocytic Leukemia, Fab M4eo, Bone Marrow
	Acute Promyelocytic Leukemia With T(15;17) [pml-Rara], Bone Marrow
	Acute Promyelocytic Leukemia, Bone Marrow
	Acute Promyelocytic Leukemia, Fab M3, Bone Marrow
Blood disorder	Hemophagocytic Lymphohistiocytosis, Bone Marrow
Central nervous system (CNS)	Astrocytoma, Anaplastic (Low Grade-Moderate), Tectum
	Astrocytoma, Anaplastic, Cerebrum
	Astrocytoma, Anaplastic, Frontal Lobe
	Astrocytoma, Anaplastic, Frontal Lobe, Left
	Astrocytoma, Anaplastic, Frontal Lobe, Right
	Astrocytoma, Anaplastic, Frontoparietal Area
	Astrocytoma, Anaplastic, Frontoparietal Lobe, Right
	Astrocytoma, Anaplastic, Hypothalamus
	Astrocytoma, Anaplastic, Parietal Lobe, Left
	Astrocytoma, Anaplastic, Posterior Fossa
	Astrocytoma, Anaplastic, Spinal Cord, Cervical
	Astrocytoma, Anaplastic, Temporal Lobe
	Astrocytoma, Anaplastic, Temporal Lobe, Left
	Astrocytoma, Anaplastic, Temporal Lobe, Right
	Astrocytoma, Anaplastic, Temporoparietoccipital Lobes, Right
	Astrocytoma, Anaplastic, Thalamus
	Astrocytoma, Brainstem
	Astrocytoma, Cerebellum
	Astrocytoma, Cervicomedullary Junction
	Astrocytoma, Diffuse, Medulla

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	Astrocytoma, Diffuse, Parietal Lobe, Right
	Astrocytoma, Diffuse, Pons
	Astrocytoma, Diffuse, Temporal Lobe, Left
	Astrocytoma, Diffuse, Temporal Lobe, Right
	Astrocytoma, Diffuse, Thalamus, Left
	Astrocytoma, Diffuse, Thalamus, Right
	Astrocytoma, Dorsally Exophytic, Brainstem
	Astrocytoma, Exophytic, Brainstem
	Astrocytoma, Exophytic, Cervicomedullary Junction
	Astrocytoma, Fibrillary, Brainstem
	Astrocytoma, Fibrillary, Frontal Lobe, Left
	Astrocytoma, Fibrillary, Frontal Lobe, Right
	Astrocytoma, Fibrillary, Parietal Lobe, Right
	Astrocytoma, Fibrillary, Parieto-Occipital Lobe
	Astrocytoma, Fibrillary, Pons
	Astrocytoma, Fibrillary, Spinal Cord
	Astrocytoma, Fibrillary, Temporal Lobe, Left
	Astrocytoma, Fibrillary, Temporal Lobe, Right
	Astrocytoma, Fibrillary, Thalamus
	Astrocytoma, Fibrillary, Thalamus, Right
	Astrocytoma, Frontal Lobe, Generally
	Astrocytoma, Frontal Lobe, Left
	Astrocytoma, Gemistocytic, Frontoparietal Region, Left
	Astrocytoma, High-Grade Infiltrative With Astroblastomatous Component, Occipital Region, Right
	Astrocytoma, Hypothalamic Region
	Astrocytoma, Hypothalamus
	Astrocytoma, Juvenile Pilocytic, Brainstem
	Astrocytoma, Juvenile Pilocytic, Cerebellar Hemisphere, Right
	Astrocytoma, Juvenile Pilocytic, Cerebellar Peduncle
	Astrocytoma, Juvenile Pilocytic, Cerebellum
	Astrocytoma, Juvenile Pilocytic, Cerebellum, Left
	Astrocytoma, Juvenile Pilocytic, Cerebellum, Right
	Astrocytoma, Juvenile Pilocytic, Cervicomedullary
	Astrocytoma, Juvenile Pilocytic, Diencephalon, Right

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Astrocytoma, Juvenile Pilocytic, Exophytic, Brainstem
	Astrocytoma, Juvenile Pilocytic, Exophytic, Fourth Ventricle
	Astrocytoma, Juvenile Pilocytic, Exophytic, Medulla
	Astrocytoma, Juvenile Pilocytic, Exophytic, Posterior Fossa
	Astrocytoma, Juvenile Pilocytic, Exophytic, Tectum
	Astrocytoma, Juvenile Pilocytic, Fourth Ventricle
	Astrocytoma, Juvenile Pilocytic, Frontal Lobe
	Astrocytoma, Juvenile Pilocytic, Frontal Lobe, Right
	Astrocytoma, Juvenile Pilocytic, Grade 1, Posterior Fossa
	Astrocytoma, Juvenile Pilocytic, Hypothalamus
	Astrocytoma, Juvenile Pilocytic, Hypothalamus, Right
	Astrocytoma, Juvenile Pilocytic, Hypothalamus/Optic Chiasm
	Astrocytoma, Juvenile Pilocytic, Midbrain
	Astrocytoma, Juvenile Pilocytic, Midbrain, Left
	Astrocytoma, Juvenile Pilocytic, Midbrain, Right
	Astrocytoma, Juvenile Pilocytic, Occipital Lobe, Left
	Astrocytoma, Juvenile Pilocytic, Occipital Lobe, Right
	Astrocytoma, Juvenile Pilocytic, Optic Chiasm
	Astrocytoma, Juvenile Pilocytic, Optic Chiasm, Bilateral
	Astrocytoma, Juvenile Pilocytic, Parasellar
	Astrocytoma, Juvenile Pilocytic, Posterior Fossa
	Astrocytoma, Juvenile Pilocytic, Posterior Fossa, Right
	Astrocytoma, Juvenile Pilocytic, Spinal Cord
	Astrocytoma, Juvenile Pilocytic, Spinal Cord, Cervical
	Astrocytoma, Juvenile Pilocytic, Tectal Plate
	Astrocytoma, Juvenile Pilocytic, Temporal Lobe, Left
	Astrocytoma, Juvenile Pilocytic, Temporal Lobe, Right
	Astrocytoma, Juvenile Pilocytic, Thalamus
	Astrocytoma, Juvenile Pilocytic, Thalamus, Left
	Astrocytoma, Juvenile Pilocytic, Thalamus, Right
	Astrocytoma, Juvenile Pilocytic, Third Ventricle
	Astrocytoma, Juvenile Pilocytic, Thoracic Spinal Cord
	Astrocytoma, Juvenile Pilocytic, Vermis, Left
	Astrocytoma, Midbrain

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Astrocytoma, Midbrain (Tegmentum), Left
	Astrocytoma, Midbrain/Thalamus, Right
	Astrocytoma, Optic Chiasma
	Astrocytoma, Optic Nerve
	Astrocytoma, Optic Pathway
	Astrocytoma, Parietal Lobe
	Astrocytoma, Parietal Lobe, Right
	Astrocytoma, Pilocytic, Cerebellar Peduncle, Left
	Astrocytoma, Pilocytic, Contiguous Sites
	Astrocytoma, Pilocytic, Hypothalamic Region
	Astrocytoma, Pilocytic, Midbrain
	Astrocytoma, Pilocytic, Optic Nerve, Left
	Astrocytoma, Pilocytic, Parietal Region, Right
	Astrocytoma, Pilocytic, Pineal Region
	Astrocytoma, Pilomyxoid, Cerebellum
	Astrocytoma, Pilomyxoid, Hypothalamus
	Astrocytoma, Pilomyxoid, Pons
	Astrocytoma, Pineal
	Astrocytoma, Pons
	Astrocytoma, Posterior Fossa
	Astrocytoma, Retina, Left
	Astrocytoma, Spinal Cord
	Astrocytoma, Spinal Cord T10-T12 (Low Grade)
	Astrocytoma, Spinal Cord, Cervical
	Astrocytoma, Spinal Cord, Cervical Region
	Astrocytoma, Spinal Cord, Cervicothoracic
	Astrocytoma, Spinal Cord, Thoracic
	Astrocytoma, Subependymal Giant Cell, Ventricle
	Astrocytoma, Suprasellar Region
	Astrocytoma, Tegmentum Of Fourth Ventricle
	Astrocytoma, Temporal Lobe
	Astrocytoma, Temporal Lobe, Left
	Astrocytoma, Temporal Lobe, Right
	Astrocytoma, Temporoparietal Region

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Astrocytoma, Thalamic Region
	Astrocytoma, Thalamic Region, Right
	Astrocytoma, Thalamus
	Astrocytoma, Thalamus, Right
	Astroglial Tumor, Hypothalamus
	Atypical Teratoid Rhabdoid Tumor, Cerebellar Hemisphere
	Atypical Teratoid Rhabdoid Tumor, Cerebellar Pontine Angle, Left
	Atypical Teratoid Rhabdoid Tumor, Cerebellar Pontine Angle, Right
	Atypical Teratoid Rhabdoid Tumor, Fourth Ventricle
	Atypical Teratoid Rhabdoid Tumor, Frontal Lobe, Left
	Atypical Teratoid Rhabdoid Tumor, Frontal Lobe, Right
	Atypical Teratoid Rhabdoid Tumor, Frontoparietal Lobes, Right
	Atypical Teratoid Rhabdoid Tumor, Lateral Ventricle, Left
	Atypical Teratoid Rhabdoid Tumor, Occipitoparietal Lobes, Left
	Atypical Teratoid Rhabdoid Tumor, Occipitotemporal Lobe, Right
	Atypical Teratoid Rhabdoid Tumor, Parietal Lobe
	Atypical Teratoid Rhabdoid Tumor, Parietal Lobe, Left
	Atypical Teratoid Rhabdoid Tumor, Pineal Gland
	Atypical Teratoid Rhabdoid Tumor, Posterior Fossa
	Atypical Teratoid Rhabdoid Tumor, Temporal Lobe, Left
	Carcinoma, Choroid Plexus
	Carcinoma, Choroid Plexus, Frontal Lobe, Right
	Carcinoma, Choroid Plexus, Frontoparietotemporal, Left
	Carcinoma, Choroid Plexus, Lateral Ventricle
	Carcinoma, Choroid Plexus, Lateral Ventricle, Left
	Carcinoma, Choroid Plexus, Lateral Ventricle, Right
	Carcinoma, Choroid Plexus, Parietal Lobe, Right
	Carcinoma, Choroid Plexus, Temporal Lobe, Left
	Carcinoma, Choroid Plexus, Temporal Lobe, Right
	Carcinoma, Choroid Plexus, Ventricle
	Chordoma, Posterior Fossa (Clivus)
	Craniopharyngioma
	Craniopharyngioma, Adamantinomatous, Cerebellopontine Angle, Right
	Craniopharyngioma, Adamantinomatous, Sellar

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Craniopharyngioma, Adamantinomatous, Suprasellar
	Craniopharyngioma, Frontal Lobe
	Craniopharyngioma, Intracellular And Suprasellar Regions
	Craniopharyngioma, Posterior Fossa
	Craniopharyngioma, Sellar And Suprasellar Regions
	Craniopharyngioma, Sellar Region
	Craniopharyngioma, Suprasellar Region
	Craniopharyngioma, Suprasellar Region, Left
	Craniopharyngioma, Suprasellar Region, Right
	Desmoplastic Infantile Astrocytic/Glioneuronal Tumor, Frontoparietal, Left
	Dysembryoplastic Neuroepithelial Tumor, Frontal Lobe, Left
	Dysembryoplastic Neuroepithelial Tumor, Frontal Lobe, Right
	Dysembryoplastic Neuroepithelial Tumor, Parietal Lobe
	Dysembryoplastic Neuroepithelial Tumor, Parietal Lobe, Right
	Dysembryoplastic Neuroepithelial Tumor, Temporal Lobe
	Dysembryoplastic Neuroepithelial Tumor, Temporal Lobe, Left
	Dysembryoplastic Neuroepithelial Tumor, Temporal Lobe, Right
	Ependymoblastoma, Parietal Lobe
	Ependymoma (With Focal Anaplasia And Focal Divergent Differentiation), Parietal Lobe, Right
	Ependymoma, Anaplastic, Cerebellopontine Angle, Left
	Ependymoma, Anaplastic, Cerebellopontine Angle, Right
	Ependymoma, Anaplastic, Cerebellopontine, Right
	Ependymoma, Anaplastic, Fourth Ventricle
	Ependymoma, Anaplastic, Frontal Lobe, Left
	Ependymoma, Anaplastic, Frontal Lobe, Posterior, Left
	Ependymoma, Anaplastic, Frontal Lobe, Right
	Ependymoma, Anaplastic, Frontoparietal Lobe, Left
	Ependymoma, Anaplastic, Frontoparietal Region, Right
	Ependymoma, Anaplastic, Lateral Ventricle, Left
	Ependymoma, Anaplastic, Lateral Ventricle, Right
	Ependymoma, Anaplastic, Occipital Lobe
	Ependymoma, Anaplastic, Parietal Lobe, Left
	Ependymoma, Anaplastic, Parietal Lobe, Right
	Ependymoma, Anaplastic, Parietal-Occipital Lobe, Left

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Ependymoma, Anaplastic, Posterior Fossa
	Ependymoma, Anaplastic, Tempoparietal Lobe, Right
	Ependymoma, Brainstem, Left
	Ependymoma, Cerebellopontine
	Ependymoma, Cerebellopontine Angle, Left
	Ependymoma, Cerebellopontine Angle, Right
	Ependymoma, Cerebellum
	Ependymoma, Cervical Spine
	Ependymoma, Cervical Spine (C2-C7)
	Ependymoma, Clear Cell Variant, Frontal Lobe, Left
	Ependymoma, Clear Cell, Cerebral Hemisphere, Right
	Ependymoma, Fourth Ventricle
	Ependymoma, Frontal Lobe
	Ependymoma, Frontal Lobe, Left
	Ependymoma, Frontoparietal Area
	Ependymoma, Frontotemporoparietal Lobe, Left
	Ependymoma, Lateral Ventricle, Left
	Ependymoma, Midbrain
	Ependymoma, Myxopapillary And Clear Cell, Spinal Cord
	Ependymoma, Myxopapillary, Spinal Cord
	Ependymoma, Myxopapillary, Spinal Cord, Lumbar
	Ependymoma, Myxopapillary, Spinal Cord, Lumbosacral
	Ependymoma, Myxopapillary, Spinal Cord, S1
	Ependymoma, Parietal Lobe
	Ependymoma, Parietal Lobe, Right
	Ependymoma, Parieto-Occipital Lobe, Right
	Ependymoma, Posterior Fossa
	Ependymoma, Spinal Cord
	Ependymoma, Supratentorial, Parietal Lobe
	Ependymoma, Supratentorial, Right
	Ependymoma, Temporal Lobe
	Ependymoma, Thalamus
	Ependymoma, Third Ventricle
	Ependymoma, Thoracolumbar Spinal Cord, T11-L3



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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Ependymoma, Anaplastic, Clear Cell, Frontal Lobe, Right
	Gangliocytoma, Cerebellum, Left
	Gangliocytoma, Cerebellum, Right
	Gangliocytoma, Frontoparietal Lobe
	Gangliocytoma, Tegmentum Of Midbrain
	Ganglioglioma, Basal Ganglia, Right
	Ganglioglioma, Cerebellopontine Peduncle
	Ganglioglioma, Cerebellum
	Ganglioglioma, Cervicomedullary Junction
	Ganglioglioma, Desmoplastic Infantile, Frontal Lobe, Left
	Ganglioglioma, Frontal Lobe, Left
	Ganglioglioma, Frontoparietal Region
	Ganglioglioma, Hypothalamus
	Ganglioglioma, Intraventricular, Right
	Ganglioglioma, Parasellar
	Ganglioglioma, Parietal Lobe, Left
	Ganglioglioma, Pineal Gland
	Ganglioglioma, Posterior Fossa
	Ganglioglioma, Spinal Cord Region
	Ganglioglioma, Spinal Cord, Cervical
	Ganglioglioma, Temporal Lobe
	Ganglioglioma, Temporal Lobe, Left
	Ganglioglioma, Temporal Lobe, Right
	Ganglioglioma, Thalamus, Right
	Germ Cell Tumor (Non Germinatous) Third Ventricle
	Germ Cell Tumor, Hypothalamus
	Germ Cell Tumor, Malignant, Sellar And Suprasellar
	Germ Cell Tumor, Mixed, Cerebellum
	Germ Cell Tumor, Mixed, Pineal
	Germ Cell Tumor, Nongerminomatous, Pineal Region
	Germ Cell Tumor, Suprasellar
	Germinoma, Pineal Region
	Germinoma, Pituitary Gland
	Germinoma, Suprasellar

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	Germinoma, Suprasellar/Pineal Region
	Germinoma, Third Ventricle
	Glial Neural Tumor, Malignant, Cerebral Hemisphere
	Glioblastoma Multiforme, Cerebral Hemisphere
	Glioblastoma Multiforme, Frontal Lobe, Left
	Glioblastoma Multiforme, Frontal Lobe, Right
	Glioblastoma Multiforme, Frontoparietal Lobe, Left
	Glioblastoma Multiforme, Frontotemporal Lobe, Left
	Glioblastoma Multiforme, Frontotemporoparietal Lobes, Right
	Glioblastoma Multiforme, Giant Cell Type, Frontal Lobe
	Glioblastoma Multiforme, Giant Cell, Cerebrum
	Glioblastoma Multiforme, Occipital Lobe, Left
	Glioblastoma Multiforme, Parietal Lobe
	Glioblastoma Multiforme, Parietal Lobe, Right
	Glioblastoma Multiforme, Pineal Region
	Glioblastoma Multiforme, Posterior Fossa
	Glioblastoma Multiforme, Temporoparietal, Left
	Glioblastoma Multiforme, Thalamus
	Glioblastoma, Giant Cell, Frontal Lobe, Right
	Glioblastoma, Multiforme, Brain
	Glioblastoma, Multiforme, Frontoparietal Lobe
	Glioma (Pilocytic Astrocytoma), Optic Nerve, Bilateral
	Glioma, Angiocentric, Basal Ganglia, Left
	Glioma, Angiocentric, Frontal Lobe, Left
	Glioma, Angiocentric, Parietal Lobe, Right
	Glioma, Brainstem
	Glioma, Cerebellum
	Glioma, High Grade, Parietooccipital Lobe, Right
	Glioma, High Grade, Posterior Fossa
	Glioma, Hypothalamic
	Glioma, Hypothalamus
	Glioma, Low Grade, Cerebellar Peduncle Angle Left
	Glioma, Low Grade, Posterior Fossa
	Glioma, Low Grade, Suprasellar

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Glioma, Low Grade, Temporal Parietal Occipital Lobes, Left
	Glioma, Medullary
	Glioma, Midbrain
	Glioma, Mixed, Frontal Lobe (Differentiated)
	Glioma, Mixed, Frontotemporoparietal Area
	Glioma, Mixed, Occipital Lobe
	Glioma, Optic Chiasm
	Glioma, Optic Chiasm, Left
	Glioma, Optic Chiasm, Right
	Glioma, Optic Nerve
	Glioma, Optic Nerve, Bilateral
	Glioma, Optic Nerve, Left
	Glioma, Optic Nerve, Right
	Glioma, Optic Pathway
	Glioma, Optic Pathway (Malignant)
	Glioma, Optic Pathway, Bilateral
	Glioma, Optic Pathway, Left
	Glioma, Pilomyxoid, Frontotemporal And Suprasellar, Right
	Glioma, Pontine
	Glioma, Tectal Plate
	Glioma, Temporal Lobe
	Glioma, Thalamic Area
	Glioma, Thalamus
	Glioma, Thalamus, Right
	Glioneuronal Tumor, Frontal Lobe, Right
	Glioneuronal Tumor, Low Grade Infiltrative, Temporal Lobe, Left
	Glioneuronal Tumor, Low Grade, Idiosyncratic, Cerebral Hemisphere, Right
	Glioneuronal Tumor, Posterior Fossa
	Glioneuronal Tumor, Temporal Lobe, Right
	Hemangioblastoma, Cerebellum
	Hemangioblastoma, Multiple
	Hemangiopericytoma, Frontal Lobe, Left
	Immature Teratoma, Temporal Lobe
	Malignant Embryonal Tumor, Posterior Fossa

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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Malignant Glioneural Neoplasm, Spinal Cord, Thoracic
	Malignant Glioneuronal Neoplasm, Frontoparietal Lobe, Left
	Malignant Glioneuronal Neoplasm, High Grade, Frontal Lobe, Right
	Malignant Glioneuronal Neoplasm, Thoracic Spinal Cord
	Malignant Glioneuronal Tumor, Parietal Lobe
	Malignant Glioneuronal Tumor, Parieto-Occipital Region, Left
	Malignant Glioneuronal Tumor, Sylvius Fissure, Right
	Malignant Neuroepithelial Tumor, Occipital Region, Right
	Mature Teratoma, Cerebellopontine Angle, Left
	Mature Teratoma, Pineal
	Medulloblastoma, Anaplastic Large Cell, Posterior Fossa
	Medulloblastoma, Anaplastic, Cerebellum
	Medulloblastoma, Anaplastic, Posterior Fossa
	Medulloblastoma, Cerebellar Vermis
	Medulloblastoma, Cerebellum
	Medulloblastoma, Desmoplastic Nodular, Cerebellum
	Medulloblastoma, Desmoplastic Nodular, Fourth Ventricle
	Medulloblastoma, Desmoplastic Nodular, Posterior Fossa
	Medulloblastoma, Desmoplastic With Neuroblastic Differentiation, Posterior Fossa
	Medulloblastoma, Desmoplastic, Cerebellum
	Medulloblastoma, Desmoplastic, Cerebellum, Left
	Medulloblastoma, Desmoplastic, Posterior Fossa
	Medulloblastoma, Extensive Nodularity, Posterior Fossa
	Medulloblastoma, Fourth Ventricle
	Medulloblastoma, Large Cell, Fourth Ventricle
	Medulloblastoma, Nodular, Posterior Fossa
	Medulloblastoma, Posterior Fossa
	Medulloblastoma, Primary Leptomeningeal, Posterior Fossa
	Medulloblastoma, With Focal Anaplastic Features, Posterior Fossa
	Medulloepithelioma, Frontoparietal Lobe, Right
	Medulloepithelioma, Supratentorial, Left
	Meningioma, Atypical, Atrium Of Lateral Ventricle, Left
	Meningioma, Atypical, Clear Cell, Sacrum
	Meningioma, Atypical, Fronto-Temporal Lobe, Left

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	Meningioma, Posterior Fossa
	Meningioma, Rhabdoid, Frontal Lobe
	Meningioma, Ventricle, Right
	Neoplasm, Low Grade, Glial, Hypothalamus
	Neoplasm, Low Grade, Glial, Temporal Region
	Neuroblastoma, Frontal Lobe, Left
	Neurocytoma, Cerebellar Pontine Angle, Left
	Neurocytoma, Hypothalamus/Optic Pathway
	Neurocytoma, Malignant, Thalamus, Left
	Neuroectodermal Neoplasm, Uncertain Malignant Potential, Supratentorial, Left
	Neuroepithelial Tumor, High Grade, Cerebral Hemisphere, Right
	Neuroepithelial Tumor, High Grade, Frontal Lobe, Left
	Neuroepithelial Tumor, High Grade, Frontal Lobe, Right
	Neuroepithelial Tumor, High Grade, Parietal Lobe, Left
	Neuroepithelial Tumor, High Grade, Pituitary Fossa
	Neuroepithelial Tumor, High Grade, Temporal Parietal Occipital Lobe, Left
	Neuroepithelial Tumor, Low Grade, Postcentral Gyrus, Right
	Neuroepithelial Tumor, Uncertain Histogenesis/Grade, Temporal Lobe, Right
	Neuroepithelial Tumor-Glioma Of Indeterminate Grade, Posterior Fossa
	Neuroepithelial With Primitive Neuroectodermal Tumor, Mixed High Grade, Frontal Lobe, Left
	Oligoastrocytoma, Anaplastic, Frontal Lobe
	Oligoastrocytoma, Anaplastic, Parietal Lobe, Left
	Oligoastrocytoma, Anaplastic, Temporal Lobe, Right
	Oligoastrocytoma, Mixed, Frontoparietal Lobe, Left
	Oligoastrocytoma, Mixed, Thalamus, Right
	Oligoastrocytoma, Spinal Cord, Cervicothoracic
	Oligoastrocytoma, Temporal Lobe, Left
	Oligoastrocytoma, Temporal Lobe, Right
	Oligoastrocytoma, Temporoparietal Lobe, Left
	Oligodendroglioma, Anaplastic, Frontal Lobe, Left
	Oligodendroglioma, Anaplastic, Occipital Lobe, Right
	Oligodendroglioma, Anaplastic, Parietal Lobe, Left
	Oligodendroglioma, Cerebrum
	Oligodendroglioma, Frontal Lobe

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Oligodendroglioma, Frontal Lobe, Left
	Oligodendroglioma, Frontal Lobe, Right
	Oligodendroglioma, Low Grade, Frontal Lobe, Right
	Oligodendroglioma, Occipital Area
	Oligodendroglioma, Occipital Lobe, Right
	Oligodendroglioma, Parietal Lobe
	Oligodendroglioma, Parietal Lobe, Left
	Oligodendroglioma, Posterior Fossa
	Oligodendroglioma, Temporal Lobe
	Oligodendroglioma, Temporal Lobe, Left
	Oligodendroglioma, Temporal Lobe, Posterior, Right
	Oligodendroglioma, Temporal Lobe, Right
	Papillary Ependymoma, Lateral Ventricle
	Papilloma, Atypical, Choroid Plexus, Lateral Ventricle, Left
	Papilloma, Choroid Plexus
	Papilloma, Choroid Plexus, Lateral Ventricle
	Papilloma, Choroid Plexus, Parietal Region, Right
	Pineoblastoma
	Pineoblastoma, Pineal Region
	Primitive Neuroectodermal Tumor With Divergent Differentiation, Supratentorial- Parietal Lobe, Left
	Primitive Neuroectodermal Tumor, Brainstem
	Primitive Neuroectodermal Tumor, Cerebrum, Fronto-Temporo-Parietal, Right
	Primitive Neuroectodermal Tumor, Frontal Lobe
	Primitive Neuroectodermal Tumor, Frontal Lobe, Left
	Primitive Neuroectodermal Tumor, Frontal Lobe, Right
	Primitive Neuroectodermal Tumor, Frontoparietal Lobe, Left
	Primitive Neuroectodermal Tumor, Leptomeninges, Spinal Cord
	Primitive Neuroectodermal Tumor, Midbrain Near Third Ventricle
	Primitive Neuroectodermal Tumor, Parietal Lobe, Right
	Primitive Neuroectodermal Tumor, Posterior Fossa
	Primitive Neuroectodermal Tumor, Posterior Fossa, Left
	Primitive Neuroectodermal Tumor, Suprasellar
	Primitive Neuroectodermal Tumor, Supratentorial, Parietal Lobe, Left
	Primitive Neuroectodermal Tumor, Temporal Lobe, Left
	Primitive Neuroectodermal Tumor, Temporal Lobe, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Primitive Neuroectodermal Tumor, Thalamus
	Rhabdoid Tumor (Atrt) Of Frontotemporal Region
	Rhabdoid Tumor, Malignant, Temporal/Parietal Lobes
	Rosette Forming Glioneuronal Tumor, Fourth Ventricle
	Sarcoma, High Grade, Frontal Lobe
	Solitary Fibrous Tumor, Meninges, Frontal Region
	Teratoma, Malignant, Pineal
	Tumor, Optic Tract
	Well Differentiated Neoplasm, Uncertain Behavior, Intraventricular, Left
	Xanthoastrocytoma, Pleomorphic, Anaplastic, Parietal Lobe, Left
	Xanthoastrocytoma, Pleomorphic, Frontal Lobe, Left
	Xanthoastrocytoma, Pleomorphic, Frontal Temporal
	Xanthoastrocytoma, Pleomorphic, Occipital Lobe, Left
	Xanthoastrocytoma, Pleomorphic, Parietal Lobe, Right
	Xanthoastrocytoma, Pleomorphic, Parietal-Occipital Lobe, Left
	Xanthoastrocytoma, Pleomorphic, Splenium Of Corpus Callosum
	Xanthoastrocytoma, Pleomorphic, Sylvian Fissure, Right
	Xanthoastrocytoma, Pleomorphic, Temporal Lobe
	Xanthoastrocytoma, Pleomorphic, Temporal Lobe, Right
	Xanthoastrocytoma, Pleomorphic, Temporoparietal Region
	Xanthoastrocytoma, Pleomorphic,temporal Lobe, Left
Chronic myeloid leukemia	Chronic Myelocytic Leukemia, Adult Type
	Chronic Myelocytic Leukemia, Bone Marrow
	Chronic Myelogenous Leukemia
	Chronic Myelogenous Leukemia, Ph+, Bcr/Abl+
	Myelomonocytic Leukemia, Juvenile Type, Bone Marrow
Colon carcinoma	Adenocarcinoma, Colon
	Adenocarcinoma, Colorectal
	Adenocarcinoma, Mucinous, Cecum
	Adenocarcinoma, Rectosigmoid
	Adenocarcinoma, Sigmoid Colon
	Adenocarcinoma, Transverse Colon
	Mucinous Adenocarcinoma, Cecum
	Mucinous Adenocarcinoma, Colon
	Mucinous Adenocarcinoma, Hepatic Flexure, Colon

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Mucinous Adenocarcinoma, Transverse Colon
Ewing sarcoma family of tumors	Ewing's Sarcoma Family Of Tumors, Chest Wall, Right
	Ewing's Sarcoma Family Of Tumors, Subgaleal, Parietal Region, Right
	Ewing's Sarcoma Family Of Tumors, Temporoparietal Region, Skull, Right
	Ewing's Sarcoma Family Of Tumors, Thigh, Left
	Ewing's Sarcoma Family Of Tumors, Thigh, Right
	Ewing's Sarcoma Family Of Tumors, Upper Lip, Right
	Ewing's Sarcoma, 10th Rib, Left
	Ewing's Sarcoma, 10th Rib, Right
	Ewing's Sarcoma, 1st Rib, Right
	Ewing's Sarcoma, 2nd Rib, Left
	Ewing's Sarcoma, 8th Rib, Left
	Ewing's Sarcoma, 9th Rib, Right
	Ewing's Sarcoma, Alveolar Ridge
	Ewing's Sarcoma, Atypical, Hand, Left
	Ewing's Sarcoma, Back (Extrasosseous)
	Ewing's Sarcoma, Chest Wall
	Ewing's Sarcoma, Chest Wall, Left
	Ewing's Sarcoma, Chest Wall, Posterior, Left
	Ewing's Sarcoma, Femur
	Ewing's Sarcoma, Femur, Distal
	Ewing's Sarcoma, Femur, Distal, Left
	Ewing's Sarcoma, Femur, Distal, Right
	Ewing's Sarcoma, Femur, Proximal
	Ewing's Sarcoma, Femur, Proximal, Left
	Ewing's Sarcoma, Femur, Proximal, Right
	Ewing's Sarcoma, Femur, Right
	Ewing's Sarcoma, Fibula
	Ewing's Sarcoma, Fibula, Distal, Left
	Ewing's Sarcoma, Fibula, Distal, Right
	Ewing's Sarcoma, Fibula, Left
	Ewing's Sarcoma, Fibula, Proximal
	Ewing's Sarcoma, Fibula, Right
	Ewing's Sarcoma, Frontal Bone, Right
	Ewing's Sarcoma, Gluteal Muscle, Left



**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Ewing's Sarcoma, Humerus
	Ewing's Sarcoma, Humerus (Extraosseus), Soft Tissue, Right
	Ewing's Sarcoma, Humerus, Proximal
	Ewing's Sarcoma, Humerus, Proximal, Left
	Ewing's Sarcoma, Humerus, Right
	Ewing's Sarcoma, Iliac Bone, Right
	Ewing's Sarcoma, Iliac Fossa, Right
	Ewing's Sarcoma, Ilium
	Ewing's Sarcoma, Ilium, Left
	Ewing's Sarcoma, Ischium
	Ewing's Sarcoma, L5 Vertebra, Paraspinal Soft Tissue
	Ewing's Sarcoma, Lower Leg, Right
	Ewing's Sarcoma, Lumbar Vertebrae
	Ewing's Sarcoma, Mandible, Left
	Ewing's Sarcoma, Mandible, Right
	Ewing's Sarcoma, Maxilla, Left
	Ewing's Sarcoma, Maxillary Sinus Region, Right
	Ewing's Sarcoma, Metacarpal
	Ewing's Sarcoma, Metacarpal, Second, Left
	Ewing's Sarcoma, Metatarsal, Right
	Ewing's Sarcoma, Metatarsal, Third, Left
	Ewing's Sarcoma, Paraspinal
	Ewing's Sarcoma, Parietal Bone
	Ewing's Sarcoma, Pelvis
	Ewing's Sarcoma, Pelvis (Extraosseous)
	Ewing's Sarcoma, Pelvis, Left
	Ewing's Sarcoma, Presacral Region
	Ewing's Sarcoma, Proximal Phalanx, Ring Finger, Right
	Ewing's Sarcoma, Pubic Bone
	Ewing's Sarcoma, Radius
	Ewing's Sarcoma, Radius, Distal, Right
	Ewing's Sarcoma, Radius, Left
	Ewing's Sarcoma, Rib
	Ewing's Sarcoma, Sacrum

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Ewing's Sarcoma, Sacrum, Left
	Ewing's Sarcoma, Sacrum, Right
	Ewing's Sarcoma, Scapula, Left
	Ewing's Sarcoma, Skull
	Ewing's Sarcoma, T-1
	Ewing's Sarcoma, Third Lumbar Vertebra
	Ewing's Sarcoma, Third Rib, Left
	Ewing's Sarcoma, Thoracic Spine, T7-T8, Extradural
	Ewing's Sarcoma, Thoracic Vertebrae
	Ewing's Sarcoma, Thorax
	Ewing's Sarcoma, Tibia
	Ewing's Sarcoma, Tibia, Distal, Right
	Ewing's Sarcoma, Tibia, Left
	Ewing's Sarcoma, Tibia, Proximal
	Ewing's Sarcoma, Tibia, Proximal, Left
	Ewing's Sarcoma, Tibia, Proximal, Right
	Ewing's Sarcoma, Tibia, Right
	Ewing's Sarcoma, Toe, Left
	Ewing's Sarcoma, Ulna, Left
	Ewing's Sarcoma, Ulna, Right
	Ewing's Sarcoma, Vertebrae
	Ewing's, Sarcoma, Scapula, Right
	Neuroepithelioma, Thigh, Anterior, Left
	Peripheral Neuroepithelioma, 1st And 2nd Ribs, Right
	Peripheral Neuroepithelioma, Abdominal Wall, Lower, Left
	Peripheral Neuroepithelioma, Axilla, Left
	Peripheral Neuroepithelioma, Calcaneus, Right
	Peripheral Neuroepithelioma, Chest Wall
	Peripheral Neuroepithelioma, Chest Wall, Posterior, Left
	Peripheral Neuroepithelioma, Chest Wall, Posterolateral, Right
	Peripheral Neuroepithelioma, Chest Wall, Right
	Peripheral Neuroepithelioma, Clavicle, Right
	Peripheral Neuroepithelioma, Femur, Left
	Peripheral Neuroepithelioma, Humerus, Proximal, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Peripheral Neuroepithelioma, Leg
	Peripheral Neuroepithelioma, Lumbosacral Spine
	Peripheral Neuroepithelioma, Naris, Left
	Peripheral Neuroepithelioma, Neck, Anterior, Right
	Peripheral Neuroepithelioma, Neck, Posterior
	Peripheral Neuroepithelioma, Paralumbosacral Spine, Right, At L5
	Peripheral Neuroepithelioma, Paraspinal
	Peripheral Neuroepithelioma, Parietal Bone, Left
	Peripheral Neuroepithelioma, Perineum
	Peripheral Neuroepithelioma, Pterygopalatine Fossa
	Peripheral Neuroepithelioma, Retroperitoneum
	Peripheral Neuroepithelioma, Retroperitoneum, Left
	Peripheral Neuroepithelioma, Rib
	Peripheral Neuroepithelioma, Sacrococcygeal
	Peripheral Neuroepithelioma, Second Metatarsal (Soft Tissue)
	Peripheral Neuroepithelioma, Skin Of Neck
	Peripheral Neuroepithelioma, Spinal Cord, Intradural, L3-L5
	Peripheral Neuroepithelioma, Submental Area, Right
	Peripheral Neuroepithelioma, Thigh
	Peripheral Neuroepithelioma, Thoracic Spine, Extradural
	Peripheral Primitive Neuroectodermal Tumor/Ewing's Sarcoma Family Of Tumors, Skull, Frontoparietal Region, Left
	Primitive Multipotential Primary Sarcoma Of Bone, Femur, Proximal, Right
	Primitive Neuroectodermal Tumor, Chest Wall
	Primitive Neuroectodermal Tumor, Chest Wall, Right
	Primitive Neuroectodermal Tumor, Fibula, Right
	Primitive Neuroectodermal Tumor, Neck
	Primitive Neuroectodermal Tumor, Paraspinal
	Primitive Neuroectodermal Tumor, Retroperitoneum
	Primitive Neuroectodermal Tumor, Soft Tissue Of Scapula
	Primitive Neuroectodermal Tumor, Soft Tissue, Forearm, Proximal, Left
	Primitive Neuroectodermal Tumor, Spine, Cervical
	Primitive Neuroectodermal Tumor, Thoracic Vertebrae
	Primitive Neuroectodermal Tumor/Ectomesenchymoma (With Partial Myogenic Differentiation), Cheek, Soft Tissue, Right
	Primitive Peripheral Neuroectodermal Tumor, Calf Of Leg, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
Germ cell tumor	Carcinoma, Embryonal, Buttock, Right
	Carcinoma, Embryonal, Ovary
	Carcinoma, Embryonal, Ovary, Right
	Carcinoma, Embryonal, Retroperitoneal, Probable
	Carcinoma, Embryonal, Sacrococcygeal Region
	Carcinoma, Embryonal, Testis
	Carcinoma, Embryonal, Testis, Left
	Carcinoma, Embryonal, Testis, Right
	Carcinoma, Yolk Sac, Ovary, Left
	Carcinoma, Yolk Sac, Presacral
	Carcinoma, Yolk Sac, Retroperitoneum
	Carcinoma, Yolk Sac, Sacrococcygeal
	Carcinoma, Yolk Sac, Testis
	Carcinoma, Yolk Sac, Testis, Left
	Choriocarcinoma, Retroperitoneum
	Choriocarcinoma, Testicular, Left
	Dysgerminoma, Abdomen
	Dysgerminoma, Ovary
	Dysgerminoma, Ovary, Bilateral
	Dysgerminoma, Ovary, Left
	Dysgerminoma, Ovary, Right
	Endodermal Sinus Tumor, Cervix
	Endodermal Sinus Tumor, Mediastinum
	Endodermal Sinus Tumor, Ovary (Yolk Sac Tumor)
	Endodermal Sinus Tumor, Ovary, Left
	Endodermal Sinus Tumor, Pelvis (Yolk Sac Tumor)
	Endodermal Sinus Tumor, Retroperitoneum
	Endodermal Sinus Tumor, Sacrococcygeal
	Endodermal Sinus Tumor, Testis
	Endodermal Sinus Tumor, Testis, Left
	Endodermal Sinus Tumor, Testis, Right
	Germ Cell Tumor (Endodermal Sinus Tumor), Sacrococcygeal
	Germ Cell Tumor, Mediastinum
	Germ Cell Tumor, Mixed (Predominantly Yolk Sac Carcinoma), Ovaries, Bilateral

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Germ Cell Tumor, Mixed, Abdomen
	Germ Cell Tumor, Mixed, Mediastinum
	Germ Cell Tumor, Mixed, Ovaries, Bilateral
	Germ Cell Tumor, Mixed, Ovary, Left
	Germ Cell Tumor, Mixed, Ovary, Right
	Germ Cell Tumor, Mixed, Testis
	Germ Cell Tumor, Mixed, Testis, Left
	Germ Cell Tumor, Ovary
	Germ Cell Tumor, Ovary, Left
	Germ Cell Tumor, Ovary, Right
	Germ Cell Tumor, Sacrococcygeal
	Germ Cell Tumor, Testicle
	Germ Cell Tumor, Testis, Right
	Germinoma, Ovary, Left
	Granulosa Cell Tumor, Juvenile, Malignant, Ovary, Right
	Granulosa Cell Tumor, Juvenile, Uncertain Behavior, Testicle, Left
	Granulosa Cell Tumor, Malignant, Adult Unilocular Cystic Type, Ovary, Right
	Granulosa Cell Tumor, Malignant, Ovary, Right
	Granulosa Cell Tumor, Uncertain Behavior, Ovary
	Granulosa Cell Tumor, Uncertain Behavior, Ovary, Left
	Granulosa Cell Tumor, Uncertain Behavior, Ovary, Right
	Immature Teratoma With Foci Of Yolk Sac Tumor, Grade Iii, Ovary, Right
	Immature Teratoma, Abdomen
	Immature Teratoma, Mediastinum, Anterior
	Immature Teratoma, Nasopharynx
	Immature Teratoma, Ovary, Left
	Immature Teratoma, Ovary, Right
	Immature Teratoma, Testis, Left
	Immature Teratoma, Testis, Right
	Mature Teratoma, Ovary
	Mature Teratoma, Ovary, Right
	Seminoma, Mediastinum
	Seminoma, Testis, Right
	Teratocarcinoma, Ovary, Right
	Teratocarcinoma, Predominantly Choriocarcinoma, Ovary, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Teratocarcinoma, Testis, Right
	Teratoma, Benign, Sacrococcygeal
	Teratoma, Malignant, Ovary
	Teratoma, Malignant, Ovary, Bilateral
	Teratoma, Malignant, Ovary, Left
	Teratoma, Malignant, Retroperitoneum
	Teratoma, Malignant, Sacrococcygeal
	Teratoma, Mediastinal Lymph Nodes, Left
	Yolk Sac Tumor, Abdomen
	Yolk Sac Tumor, Ovary, Left
	Yolk Sac Tumor, Ovary, Right
	Yolk Sac Tumor, Sacrococcygeal Or Presacral
Histiocytosis	Granuloma, Eosinophilic
	Hand-Schuller-Christian Disease
	Hand-Schuller-Christian Disease, Skull And Scalp
	Hemophagocytic Lymphohistiocytosis, Bone Marrow
	Histiocytosis X
	Histiocytosis X (Langerhan's Cell), Pituitary
	Histiocytosis X, Cervical Lymph Node
	Histiocytosis X, Humerus
	Histiocytosis X, Skull
	Histiocytosis, Bone
	Histiocytosis, Malignant
	Histiocytosis, Sinus
	Langerhan's Cell Histiocytosis, Skin, Neck, Right
	Langerhans Cell Histiocytosis
	Langerhans Cell Histiocytosis, Axillary Lymph Node, Left
	Langerhans Cell Histiocytosis, Bone
	Langerhans Cell Histiocytosis, Fibula, Left
	Langerhans Cell Histiocytosis, Frontal Bone, Left
	Langerhans Cell Histiocytosis, Hip, Left
	Langerhans Cell Histiocytosis, Ischium/Acetabulum, Right
	Langerhans Cell Histiocytosis, Maxilla, Right
	Langerhans Cell Histiocytosis, Multiple Sites
	Langerhans Cell Histiocytosis, Multisystem

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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Broad Diagnosis Group (diaggrp)	Diagnosis (diag)
	Langerhans Cell Histiocytosis, Orbit
	Langerhans Cell Histiocytosis, Orbit, Right
	Langerhans Cell Histiocytosis, Parietal Bone, Left
	Langerhans Cell Histiocytosis, Parietal Bone, Right
	Langerhans Cell Histiocytosis, Radius, Proximal, Left
	Langerhans Cell Histiocytosis, Skin
	Langerhans Cell Histiocytosis, Skin Of Scalp
	Langerhans Cell Histiocytosis, Skull
	Langerhans Cell Histiocytosis, Temporal Bone, Right
	Langerhans Cell Histiocytosis, Thoracic Vertebra, Fifth
	Letterer-Siwe Disease
	Rosai-Dorfman Disease
Hodgkin lymphoma	Hodgkin's Disease, Mediastinum
	Hodgkin's Lymphoma
	Hodgkin's Lymphoma, Cervical Lymph Node
	Hodgkin's Lymphoma, Classical
	Hodgkin's Lymphoma, Classical, Lymphocyte Depleted
	Hodgkin's Lymphoma, Classical, Lymphocyte Rich
	Hodgkin's Lymphoma, Classical, Mixed Cellularity
	Hodgkin's Lymphoma, Classical, Nodular Sclerosing
	Hodgkin's Lymphoma, Lymphocyte Predominant
	Hodgkin's Lymphoma, Lymphocytic Depletion
	Hodgkin's Lymphoma, Mixed Cellularity
	Hodgkin's Lymphoma, Nodular Lymphocyte Predominant
	Hodgkin's Lymphoma, Nodular Sclerosing
	Hodgkin's Lymphoma, Nos
	Hodgkin's Lymphoma, Syncytial Variant
	Nodular Lymphocyte Predominant Hodgkin Lymphoma With Features Of T Cell Rich Large B Cell Lymphoma, Inguinal Lymph Node, Left
Liver malignancies	Embryonal Sarcoma, Lobe Of Liver, Right
	Hemangioendothelioma, Liver
	Hepatic Cell Carcinoma
	Hepatic Cell Carcinoma, Differentiated
	Hepatoblastoma, Anterior Segment, Lobe Of Liver, Right
	Hepatoblastoma, Combined Fetal And Embryonal Type, Liver
	Hepatoblastoma, Epithelial (Fetal And Mixed Embryonal), Liver

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Hepatoblastoma, Epithelial, Liver
	Hepatoblastoma, Liver
	Hepatoblastoma, Liver, Lobe, Anterior And Posterior Segments, Right
	Hepatoblastoma, Liver, Lobe, Anterior And Posterior Segments, Right, Mediastinal Segment, Left
	Hepatoblastoma, Liver, Lobe, Left
	Hepatoblastoma, Liver, Lobe, Right
	Hepatoblastoma, Mixed Fetal And Embryonal, Liver, Lobe, Right
	Hepatoblastoma, Mixed Mesenchymal Epithelial, Liver
	Hepatoblastoma, Mixed, Embryonal, Fetal, Mesenchymal, Liver, Right
	Hepatocellular Carcinoma, Fibrolamellar, Lobe Of Liver, Right
	Mesenchymoma, Malignant, Liver
MDS/Acute myeloid leukemia	Myeloproliferative Disease, Transient ; Acute Megakaryoblastic Leukemia, Fab M7, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Megakaryoblastic Leukemia, Fab M7, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Monocytic Leukemia, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Myelocytic Leukemia, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Myeloid Leukemia With Multilineage Dysplasia, With Prior Myelodysplastic Syndrome, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Myeloid Leukemia With T(8;21) (Q22;q22) [aml1/Eto], Bone Marrow
	Syndrome, Myelodysplastic ; Acute Myeloid Leukemia, With Maturation, Fab M2, Bone Marrow
	Syndrome, Myelodysplastic ; Acute Myeloid Leukemia, Without Maturation, Fab M1, Bone Marrow
Melanoma	Melanocytic Tumor, Spinal Cord Meninges Of T3 To T10
	Melanoma, Malignant, Amelanotic Ocular, Choroid
	Melanoma, Malignant, Amelanotic, Unknown Primary Site
	Melanoma, Malignant, Anal Area
	Melanoma, Malignant, Arising From Compound Nevus, Skin Of Abdomen, Right
	Melanoma, Malignant, Atypical Spitzoid, Skin Of Cheek, Right
	Melanoma, Malignant, Atypical Spitzoid, Skin Of Chest
	Melanoma, Malignant, Atypical Spitzoid, Skin Of Forearm, Left
	Melanoma, Malignant, Atypical Spitzoid, Skin Of Forehead
	Melanoma, Malignant, Atypical Spitzoid, Skin Of Thigh, Distal, Right
	Melanoma, Malignant, Back
	Melanoma, Malignant, Canthus, Lateral, Left
	Melanoma, Malignant, Chest Wall
	Melanoma, Malignant, Congenital, Site Unknown
	Melanoma, Malignant, Conjunctiva, Left



**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Melanoma, Malignant, Epithelioid, Choroid, Eye, Right
	Melanoma, Malignant, Epithelioid Cell, Skin Of Thigh, Left
	Melanoma, Malignant, Face
	Melanoma, Malignant, Fourth Toe
	Melanoma, Malignant, Iris
	Melanoma, Malignant, Neck
	Melanoma, Malignant, Nodular Type, Skin Of Forearm, Left
	Melanoma, Malignant, Nodular Type, Skin Of Leg, Right
	Melanoma, Malignant, Nodular Type, Skin Of Shoulder, Anterior, Right
	Melanoma, Malignant, Pinna, Right
	Melanoma, Malignant, Scalp
	Melanoma, Malignant, Skin
	Melanoma, Malignant, Skin Of Abdominal Pelvic Wall And Extremities
	Melanoma, Malignant, Skin Of Ankle, Left
	Melanoma, Malignant, Skin Of Back
	Melanoma, Malignant, Skin Of Back, Left
	Melanoma, Malignant, Skin Of Ear
	Melanoma, Malignant, Skin Of Ear, Left
	Melanoma, Malignant, Skin Of Face, Left
	Melanoma, Malignant, Skin Of Foot, Left
	Melanoma, Malignant, Skin Of Foot, Right
	Melanoma, Malignant, Skin Of Forearm, Left
	Melanoma, Malignant, Skin Of Forehead
	Melanoma, Malignant, Skin Of Forehead, Right
	Melanoma, Malignant, Skin Of Knee, Left
	Melanoma, Malignant, Skin Of Leg, Left
	Melanoma, Malignant, Skin Of Leg, Right
	Melanoma, Malignant, Skin Of Lower Leg
	Melanoma, Malignant, Skin Of Neck, Left
	Melanoma, Malignant, Skin Of Shoulder
	Melanoma, Malignant, Skin Of Shoulder, Left
	Melanoma, Malignant, Skin Of Shoulder, Posterior, Left
	Melanoma, Malignant, Skin Of Shoulder, Right
	Melanoma, Malignant, Skin Of Sole Of Foot, Left
	Melanoma, Malignant, Skin Of Upper Arm, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Melanoma, Malignant, Skin, Upper Arm, Right
	Melanoma, Malignant, Spindle Cell, Skin Of Back
	Melanoma, Malignant, Spitzoid Type, Skin Of Upper Arm, Left
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Abdomen
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Arm, Right
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Calf, Right
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Cheek, Left
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Knee, Right
	Melanoma, Malignant, Spitzoid, Childhood Type, Skin Of Leg, Left
	Melanoma, Malignant, Spitzoid, Skin Of Arm, Left
	Melanoma, Malignant, Thigh, Left
Myelodysplastic syndrome	Syndrome, Myelodysplastic
Nasopharyngeal carcinoma	Carcinoma, Lymphoepithelial, Nasopharynx
	Carcinoma, Nasopharyngeal
	Carcinoma, Nonkeratinizing Squamous, Poorly Differentiated, Nasopharyngeal
	Carcinoma, Nonkeratinizing, High Grade, Ebv Associated, Nasopharyngeal
	Carcinoma, Nonkeratinizing, Undifferentiated, Nasopharyngeal
	Carcinoma, Undifferentiated (Lymphoepithelioma), Nasopharynx
	Carcinoma, Undifferentiated, Nasopharyngeal
	Lymphoepithelioma, Nasopharyngeal
Neuroblastoma	Esthesioneuroblastoma, Nasal Cavity
	Esthesioneuroblastoma, Nasal Cavity, Left
	Esthesioneuroblastoma, Olfactory Nerve
	Ganglioneuroblastoma, Abdomen
	Ganglioneuroblastoma, Abdomen, Right
	Ganglioneuroblastoma, Abdominal Sympathetic Ganglia
	Ganglioneuroblastoma, Adrenal Gland
	Ganglioneuroblastoma, Adrenal Gland, Left
	Ganglioneuroblastoma, Adrenal Gland, Right
	Ganglioneuroblastoma, Chest Wall
	Ganglioneuroblastoma, Mediastinal Sympathetic Ganglia, Posterior
	Ganglioneuroblastoma, Mediastinal Sympathetic Ganglia, Right
	Ganglioneuroblastoma, Mediastinum
	Ganglioneuroblastoma, Mediastinum, Posterior
	Ganglioneuroblastoma, Mediastinum, Posterior, Left

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Ganglioneuroblastoma, Mediastinum, Posterior, Right
	Ganglioneuroblastoma, Neck
	Ganglioneuroblastoma, Paraspinal
	Ganglioneuroblastoma, Paraspinal Sympathetic Ganglia
	Ganglioneuroblastoma, Paravertebral, Parapharyngeal/Cervical, Left
	Ganglioneuroblastoma, Pelvic Area
	Ganglioneuroblastoma, Pelvis
	Ganglioneuroblastoma, Presacral Sympathetic Ganglia
	Ganglioneuroblastoma, Retroperitoneal
	Ganglioneuroblastoma, Retroperitoneal Space
	Ganglioneuroblastoma, Retroperitoneal Sympathetic Ganglia
	Ganglioneuroblastoma, Retroperitoneal, Right
	Ganglioneuroblastoma, Sacral Area
	Ganglioneuroblastoma, Thoracic
	Ganglioneuroblastoma, Thoracic Paraspinal
	Ganglioneuroblastoma, Thoracic Paraspinal Sympathetic Ganglia (T3-T8), Right
	Ganglioneuroblastoma, Thoracic Sympathetic Ganglia
	Ganglioneuroblastoma, Thoracolumbar Sympathetic Ganglion
	Ganglioneuroblastoma, Thorax
	Neuroblastoma, Abdomen
	Neuroblastoma, Abdominal Sympathetic Ganglia, Left
	Neuroblastoma, Adrenal
	Neuroblastoma, Adrenal Gland, Bilateral
	Neuroblastoma, Adrenal Gland, Left
	Neuroblastoma, Adrenal Gland, Right
	Neuroblastoma, Celiac
	Neuroblastoma, Celiac Axis
	Neuroblastoma, Celiac Plexus
	Neuroblastoma, Cervical Lymph Node
	Neuroblastoma, Cervical Paraspinal Sympathetic Ganglia, Left
	Neuroblastoma, Cervical Paraspinal, Left
	Neuroblastoma, Cervical Sympathetic Ganglia
	Neuroblastoma, Cervical Sympathetic Ganglia, Right
	Neuroblastoma, Chest Wall Soft Tissue
	Neuroblastoma, Generalized, Primary Unknown

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Neuroblastoma, Kidney
	Neuroblastoma, Liver
	Neuroblastoma, Lumbar (L1-L4) Paraspinal Sympathetic Ganglia, Left
	Neuroblastoma, Lumbar Paraspinal Sympathetic Ganglia, Right
	Neuroblastoma, Mediastinal Sympathetic Ganglia
	Neuroblastoma, Mediastinal Sympathetic Ganglia, Posterior, Right
	Neuroblastoma, Mediastinum
	Neuroblastoma, Mediastinum, Posterior
	Neuroblastoma, Mediastinum, Posterior, Right
	Neuroblastoma, Neck
	Neuroblastoma, Neck, Left
	Neuroblastoma, Neck, Right
	Neuroblastoma, Paraaortic Sympathetic Ganglia
	Neuroblastoma, Paraspinal
	Neuroblastoma, Paraspinal Sympathetic Ganglia, Right
	Neuroblastoma, Paraspinal, Right
	Neuroblastoma, Paraspinal, Thoracic
	Neuroblastoma, Pelvis
	Neuroblastoma, Poorly Differentiated, Mediastinum, Posterior, Left
	Neuroblastoma, Presacral Pelvic Sympathetic Ganglion
	Neuroblastoma, Presacral Pelvis
	Neuroblastoma, Primary Site Unknown
	Neuroblastoma, Retroperitoneal
	Neuroblastoma, Retroperitoneal, Left
	Neuroblastoma, Retroperitoneum (Organ Of Zuckerkandl)
	Neuroblastoma, Retroperitoneum, Right
	Neuroblastoma, Sacrococcygeal
	Neuroblastoma, Suprarenal
	Neuroblastoma, Suprarenal, Left
	Neuroblastoma, Suprarenal, Right
	Neuroblastoma, Thoracic Ganglion, Upper, Paravertebral
	Neuroblastoma, Thoracic Sympathetic Ganglia
	Neuroblastoma, Thorax
	Neuroblastoma, Thorax, Left
	Neuroblastoma, Thorax, Left And Mediastinum, Posterior

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Neuroblastoma, Thorax, Posterior, Right
	Neuroblastoma, Undifferentiated, Celiac Axis
	Paraganglioma, Extra-Adrenal
Non-Hodgkin lymphoma	Lymphoma, Non Hodgkin's, Blastic Plasmacytoid Dendritic Cell, Soft Tissue, Calf, Right
	Lymphoma, Non Hodgkin's, Ebv Positive Large B Cell, Monomorphic Post Transplant Lymphoproliferative Disorder
	Lymphoma, Non Hodgkin's, High Grade B Cell, Mesenteric Lymph Node(S)
	Lymphoma, Non Hodgkin's, Nodal Marginal Zone B Cell, Inguinal, Left
	Lymphoma, Non Hodgkin's, Peripheral T-Cell, Atypical, Scalp, Occipital
	Lymphoma, Non Hodgkin, Small Cell Lymphocytic With Plasmacytoid Features
	Lymphoma, Non- Hodgkin's, High Grade B Cell
	Lymphoma, Non-Hodgkin's
	Lymphoma, Non-Hodgkin's, Abdominal
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Axillary Lymph Node
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Bone Marrow
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Brain
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Cervical Lymph Node
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Generalized
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Maxillary Sinus, Right
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Retroperitoneum, Left
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, Supraclavicular Lymph Node
	Lymphoma, Non-Hodgkin's, Anaplastic Large Cell, T Cell Type, Gastric Wall
	Lymphoma, Non-Hodgkin's, B-Cell, Bone Marrow
	Lymphoma, Non-Hodgkin's, B-Lineage, Lymphoblastic, Parotid, Left
	Lymphoma, Non-Hodgkin's, Blastic Plasmacytoid Dendritic Cell, Soft Tissue, Thigh, Right
	Lymphoma, Non-Hodgkin's, Bone
	Lymphoma, Non-Hodgkin's, Burkitt's
	Lymphoma, Non-Hodgkin's, Burkitt's Small Noncleaved, Abdominal
	Lymphoma, Non-Hodgkin's, Burkitt's Small Noncleaved, Mandible, Left
	Lymphoma, Non-Hodgkin's, Burkitt's, Abdominal
	Lymphoma, Non-Hodgkin's, Burkitt's, Axillary Lymph Node
	Lymphoma, Non-Hodgkin's, Burkitt's, Cecum
	Lymphoma, Non-Hodgkin's, Burkitt's, Cerebellum
	Lymphoma, Non-Hodgkin's, Burkitt's, Cervical Lymph Node, Bilateral
	Lymphoma, Non-Hodgkin's, Burkitt's, Cervical Lymph Nodes

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Lymphoma, Non-Hodgkin's, Burkitt's, Diffuse, Small, Noncleaved, Abdominal Lymph Node
	Lymphoma, Non-Hodgkin's, Burkitt's, Epidural
	Lymphoma, Non-Hodgkin's, Burkitt's, Generalized
	Lymphoma, Non-Hodgkin's, Burkitt's, Ileocecum
	Lymphoma, Non-Hodgkin's, Burkitt's, Ileum
	Lymphoma, Non-Hodgkin's, Burkitt's, Inguinal Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Burkitt's, Maxillary Region, Left
	Lymphoma, Non-Hodgkin's, Burkitt's, Nasopharynx
	Lymphoma, Non-Hodgkin's, Burkitt's, Neck
	Lymphoma, Non-Hodgkin's, Burkitt's, Non-Cleaved Small Cell, Cervical Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Burkitt's, Ovary, Right
	Lymphoma, Non-Hodgkin's, Burkitt's, Palatine Tonsil, Left
	Lymphoma, Non-Hodgkin's, Burkitt's, Peritoneal Fluid
	Lymphoma, Non-Hodgkin's, Burkitt's, Retroperitoneum
	Lymphoma, Non-Hodgkin's, Burkitt's, Small Intestine
	Lymphoma, Non-Hodgkin's, Burkitt's, Small Noncleaved, Abdominal Lymph Node(S)
	Lymphoma, Non-Hodgkin's, Burkitt's, Tongue
	Lymphoma, Non-Hodgkin's, Burkitt's, Tonsil
	Lymphoma, Non-Hodgkin's, Burkitt's, Tonsil, Left
	Lymphoma, Non-Hodgkin's, Burkitt's, Tonsil, Right
	Lymphoma, Non-Hodgkin's, Cervical Lymph Node
	Lymphoma, Non-Hodgkin's, Cervical Lymph Node, Bilateral
	Lymphoma, Non-Hodgkin's, Diffuse Anaplastic Large Cell
	Lymphoma, Non-Hodgkin's, Diffuse Large B Cell And Follicular, Tonsil, Right
	Lymphoma, Non-Hodgkin's, Diffuse Large B Cell Arising In Nodular Lymphocyte Predominat Hodgkin's, Psoas Region
	Lymphoma, Non-Hodgkin's, Diffuse Large B Cell With Features Of Mediastinal Large B Cell, Anterior Mediastinum
	Lymphoma, Non-Hodgkin's, Diffuse Large B Cell, Retroperitoneum
	Lymphoma, Non-Hodgkin's, Diffuse Large B-Cell
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell Anaplastic, B-Cell
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell Immunoblastic
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell Noncleaved, Inguinal Lymph Node, Left
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell Noncleaved, Mediastinal Lymph Node
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell Noncleaved, Submandibular Lymph Node
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell, Abdominal

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell, B Cell Immunoblastic, Supraclavicular Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell, Cervical Lymph Node, Bilateral
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell, Paranasal Sinus
	Lymphoma, Non-Hodgkin's, Diffuse Large Cell, Tonsil
	Lymphoma, Non-Hodgkin's, Diffuse Lymphoblastic
	Lymphoma, Non-Hodgkin's, Diffuse Lymphoblastic, Mediastinal
	Lymphoma, Non-Hodgkin's, Diffuse Lymphoblastic, T-Cell
	Lymphoma, Non-Hodgkin's, Diffuse Small Non-Cleaved Burkitt's, Ileocecum
	Lymphoma, Non-Hodgkin's, Diffuse Small Noncleaved Cell, Tonsil, Right
	Lymphoma, Non-Hodgkin's, Diffuse Small Noncleaved Non-Burkitt's, Ileum
	Lymphoma, Non-Hodgkin's, Diffuse Undifferentiated, Tonsil, Left
	Lymphoma, Non-Hodgkin's, Diffuse, Large B Cell, Spleen
	Lymphoma, Non-Hodgkin's, Diffuse, Large Cell
	Lymphoma, Non-Hodgkin's, Diffuse, Large Cell Type, Mediastinum
	Lymphoma, Non-Hodgkin's, Diffuse, Large, B Cell, Nasopharyngeal Region
	Lymphoma, Non-Hodgkin's, Diffuse, Lymphoblastic, Cervical Lymph Node, Bilateral
	Lymphoma, Non-Hodgkin's, Diffuse, Lymphoblastic, Retroperitoneal, Left
	Lymphoma, Non-Hodgkin's, Diffuse, Small, Noncleaved Cell
	Lymphoma, Non-Hodgkin's, Diffuse, Small, Noncleaved, Abdominal Lymph Node
	Lymphoma, Non-Hodgkin's, Diffuse, Small, Noncleaved, Ileum, Distal
	Lymphoma, Non-Hodgkin's, Extranodal Nk/T Cell, Nasal Type, Nasal Cavity, Bilateral
	Lymphoma, Non-Hodgkin's, Follicular
	Lymphoma, Non-Hodgkin's, Follicular, Cervical Lymph Node, Left
	Lymphoma, Non-Hodgkin's, Follicular, Cervical Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Follicular, Small Cleaved, Tonsil
	Lymphoma, Non-Hodgkin's, High Grade B Cell, Colon
	Lymphoma, Non-Hodgkin's, Histiocytic Cell Type, Abdominal
	Lymphoma, Non-Hodgkin's, Immunoblastic, Large Cell
	Lymphoma, Non-Hodgkin's, Inguinal Lymph Node
	Lymphoma, Non-Hodgkin's, Large B Cell
	Lymphoma, Non-Hodgkin's, Large B Cell Follicular
	Lymphoma, Non-Hodgkin's, Large B Cell, Duodenum
	Lymphoma, Non-Hodgkin's, Large B Cell, Inguinal Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Large B-Cell, Ileum/Jejunum, Left

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Lymphoma, Non-Hodgkin's, Large Cell
	Lymphoma, Non-Hodgkin's, Large Cell Immunoblastic
	Lymphoma, Non-Hodgkin's, Large Cell Immunoblastic, Head And Neck
	Lymphoma, Non-Hodgkin's, Large Cell Immunoblastic, Inguinal Lymph Node
	Lymphoma, Non-Hodgkin's, Large Cell Polymorphous, Immunoblastic
	Lymphoma, Non-Hodgkin's, Large Cell, B Cell Type, Femur, Distal, Left
	Lymphoma, Non-Hodgkin's, Large Cell, Follicular, Diffuse
	Lymphoma, Non-Hodgkin's, Large Cell, Immunoblastic, Axillary Lymph Node, Left
	Lymphoma, Non-Hodgkin's, Large Cell, Mediastinal
	Lymphoma, Non-Hodgkin's, Large Cell, Mediastinal Lymph Node
	Lymphoma, Non-Hodgkin's, Large Cell, Supraglottic Region, Left
	Lymphoma, Non-Hodgkin's, Lymphoblastic
	Lymphoma, Non-Hodgkin's, Lymphoblastic Convolutd Cell Type, Scalp
	Lymphoma, Non-Hodgkin's, Lymphoblastic Subtype, Mediastinal Lymph Node(S)
	Lymphoma, Non-Hodgkin's, Lymphoblastic Subtype,scalp
	Lymphoma, Non-Hodgkin's, Lymphoblastic T-Cell
	Lymphoma, Non-Hodgkin's, Lymphoblastic T-Cell, Mediastinal
	Lymphoma, Non-Hodgkin's, Lymphoblastic, B-Lineage, Multifocal
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Bone
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Cervical Lymph Node
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Convolutd Cell Type
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Forehead
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Mediastinal Lymph Node(S)
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Mediastinum
	Lymphoma, Non-Hodgkin's, Lymphoblastic, N-K Cell
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Preauricular Lymph Node
	Lymphoma, Non-Hodgkin's, Lymphoblastic, Thigh
	Lymphoma, Non-Hodgkin's, Mediastinal Large B Cell
	Lymphoma, Non-Hodgkin's, Mixed Small And Large Cell, Cervical Lymph Node
	Lymphoma, Non-Hodgkin's, Mixed Small And Large Type
	Lymphoma, Non-Hodgkin's, Mycosis Fungoides
	Lymphoma, Non-Hodgkin's, Nasopharynx
	Lymphoma, Non-Hodgkin's, Nos, Abdominal
	Lymphoma, Non-Hodgkin's, Nos, Axillary Lymph Node



**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Lymphoma, Non-Hodgkin's, Nos, Head And Neck
	Lymphoma, Non-Hodgkin's, Nos, Mediastinal
	Lymphoma, Non-Hodgkin's, Nos, Tonsil
	Lymphoma, Non-Hodgkin's, Poorly Differentiated, Lymphocytic
	Lymphoma, Non-Hodgkin's, Pre T Cell Lymphoblastic, Mediastinum
	Lymphoma, Non-Hodgkin's, Precursor B Cell Lymphoblastic, Orbit, Right
	Lymphoma, Non-Hodgkin's, Precursor B Cell Lymphoblastic, Scalp
	Lymphoma, Non-Hodgkin's, Precursor B Cell Lymphoblastic, Supraclavicular Lymph Node
	Lymphoma, Non-Hodgkin's, Precursor B Cell Lymphoblastic, Testicle, Left
	Lymphoma, Non-Hodgkin's, Precursor B Lymphoblastic
	Lymphoma, Non-Hodgkin's, Precursor T Cell Lymphoblastic
	Lymphoma, Non-Hodgkin's, Primary Cutaneous Anaplastic Large Cell
	Lymphoma, Non-Hodgkin's, Skin
	Lymphoma, Non-Hodgkin's, Small Non-Cleaved Cell Diffuse, Cervical Lymph Node, Right
	Lymphoma, Non-Hodgkin's, Small Non-Cleaved Cell, Burkitt's Type, Maxillary Sinus, Right
	Lymphoma, Non-Hodgkin's, Small Noncleaved, Non-Burkitt's
	Lymphoma, Non-Hodgkin's, T Cell, Hepatosplenic
	Lymphoma, Non-Hodgkin's, T-Cell, Bone Marrow
	Lymphoma, Non-Hodgkin's, T-Cell, Lymphoblastic, Mediastinal Lymph Node(S)
	Lymphoma, Non-Hodgkin's, Undifferentiated Burkitt's Type, Stomach
	Lymphoma, Non-Hodgkin's, Undifferentiated Cell, Maxillary Sinus, Left
	Lymphoma, Non-Hodgkin's, Undifferentiated Small Noncleaved
	Lymphoma, Non-Hodgkin's, Undifferentiated Small Noncleaved, Abdominal
	Lymphosarcoma
	Lymphosarcoma, Abdomen
	Lymphosarcoma, Cervical Area
	Lymphosarcoma, Generalized
	Lymphosarcoma, Nasopharynx
	Sarcoma, Reticulum Cell, Cervical Region
	Sarcoma, Reticulum Cell, Undifferentiated
Non-malignancy	Adenoma, Pituitary
	Adenoma, Pleomorphic, Parotid Gland
	Angiomatoid Fibrous Histiocytoma, Axilla, Left
	Atypical Spitzoid Nevus, Skin, Ankle, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Composite Myofibroblastic Tumor, Forearm, Soft Tissue, Left
	Desmoid Tumor, Abdominal Fibromatosis, Abdomen
	Desmoid Tumor, Abdominal Fibromatosis, Greater Curvature Of Stomach
	Desmoid Tumor, Aggressive Fibromatosis, Chest
	Desmoid Tumor, Extra-Abdominal Fibromatosis, Popliteal Fossa, Right
	Desmoid Tumor, Extra-Abdominal Fibromatosis, Soft Tissue Forearm
	Desmoid Tumor, Extra-Abdominal Fibromatosis, Soft Tissue Orbit, Right
	Desmoid Tumor, Extra-Abdominal, Jaw
	Desmoid Tumor, Fibromatosis, Chest
	Desmoid Tumor, Fibromatosis, Chest Wall, Left
	Desmoid Tumor, Fibromatosis, Triceps Brachii Muscle, Right
	Desmoid Tumor, Infantile Fibromatosis, Cheek, Right
	Desmoid Tumor, Musculo-Aponeurotic Fibromatosis, Cervical Neck, Right
	Desmoid Tumor, Neck
	Desmoid Tumor, Orbit, Left
	Desmoid Tumor, Thigh
	Desmoid Tumor, Upper Arm, Left
	Ganglioneuroma, Mediastinum
	Ganglioneuroma, Retroperitoneal
	Ganglioneuroma, Thoracic
	Lipoblastoma, Mediastinum
	Melanotic Neuroectodermal Tumor Of Infancy, Skull, Parieto-Occipital, Left
	Neurocytoma, Ventricle
	Neurofibroma, Infratemporal Fossa, Right
	Neurofibromatosis
	Paraganglioma, Mesentry
	Pheochromocytoma, Adrenal
	Teratoma, Benign, Mediastinum
	Tumor, Solid Pseudopapillary, Pancreas
Osteosarcoma	Osteosarcoma, Chondroblastic, Femur, Distal, Right
	Osteosarcoma, Chondroblastic, Hemipelvis, Left
	Osteosarcoma, Chondroblastic, Mandible, Right
	Osteosarcoma, Chondroblastic, Nasopharynx
	Osteosarcoma, Chondroblastic, Tibia, Proximal, Left

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Osteosarcoma, Chondroblastic, Tibia, Right
	Osteosarcoma, Ethmoid Bone
	Osteosarcoma, Femur
	Osteosarcoma, Femur, Distal
	Osteosarcoma, Femur, Distal, Left
	Osteosarcoma, Femur, Distal, Right
	Osteosarcoma, Femur, Head And Neck, Left
	Osteosarcoma, Femur, Left
	Osteosarcoma, Femur, Neck, Right
	Osteosarcoma, Femur, Proximal, Left
	Osteosarcoma, Femur, Proximal, Right
	Osteosarcoma, Femur, Right With Fracture
	Osteosarcoma, Femur, Shaft, Middle Third
	Osteosarcoma, Fibroblastic, Femur, Proximal, Left
	Osteosarcoma, Fibrohistiocytic Type, First Metatarsal, Right
	Osteosarcoma, Fibula
	Osteosarcoma, Fibula, Distal, Left
	Osteosarcoma, Fibula, Left
	Osteosarcoma, Fibula, Proximal
	Osteosarcoma, Fibula, Proximal, Left
	Osteosarcoma, Fibula, Proximal, Right
	Osteosarcoma, Fibula, Right
	Osteosarcoma, Hemipelvis, Right
	Osteosarcoma, Humerus
	Osteosarcoma, Humerus, Left
	Osteosarcoma, Humerus, Proximal
	Osteosarcoma, Humerus, Proximal, Left
	Osteosarcoma, Humerus, Proximal, Right
	Osteosarcoma, Ilium
	Osteosarcoma, Ischium, Right
	Osteosarcoma, Mandible, Left
	Osteosarcoma, Maxilla, Left
	Osteosarcoma, Maxilla, Right
	Osteosarcoma, Maxillary Sinus

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Osteosarcoma, Metatarsal, First
	Osteosarcoma, Mid-Humerus
	Osteosarcoma, Parosteal, 6th Rib, Right
	Osteosarcoma, Parosteal, Femur, Distal
	Osteosarcoma, Parosteal, Femur, Distal, Left
	Osteosarcoma, Parosteal, Femur, Distal, Right
	Osteosarcoma, Parosteal, Humerus, Left
	Osteosarcoma, Parosteal, Mid-Shaft Femur
	Osteosarcoma, Parosteal, Tibia, Proximal, Right
	Osteosarcoma, Parosteal, Tibia, Right
	Osteosarcoma, Periosteal, Femur, Proximal, Right
	Osteosarcoma, Periosteal, Tibia, Distal, Right
	Osteosarcoma, Radius, Distal, Left
	Osteosarcoma, Radius, Distal, Right
	Osteosarcoma, Small Cell, Fibula, Right
	Osteosarcoma, Sternocleidomastoid Muscle, Left
	Osteosarcoma, Telangiectatic, Femur, Distal, Left
	Osteosarcoma, Telangiectatic, Femur, Distal, Right
	Osteosarcoma, Telangiectatic, Femur, Left
	Osteosarcoma, Telangiectatic, Fibula, Proximal, Left
	Osteosarcoma, Telangiectatic, Humerus, Proximal, Left
	Osteosarcoma, Telangiectatic, Sacrum, Left
	Osteosarcoma, Telangiectatic, Tibia, Proximal, Right
	Osteosarcoma, Thoracic Vertebra, T12, Right
	Osteosarcoma, Tibia
	Osteosarcoma, Tibia, Distal
	Osteosarcoma, Tibia, Distal, Left
	Osteosarcoma, Tibia, Distal, Right
	Osteosarcoma, Tibia, Left
	Osteosarcoma, Tibia, Proximal
	Osteosarcoma, Tibia, Proximal, Left
	Osteosarcoma, Tibia, Proximal, Right
	Osteosarcoma, Tibia, Right
	Osteosarcoma, Ulna, Distal

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Osteosarcoma, Ulna, Distal, Right
	Osteosarcoma, Vertebral Body, T10
	Osteosarcoma, Vomer, Right
Other carcinoma	Adenocarcinoma, Papillary, Ring Finger, Left
	Adenocarcinoma, Papillary, Thyroid, Right
	Adenocarcinoma, Signet Ring Cell, Stomach
	Adenocarcinoma, Thyroid
	Adenocarcinoma, Vagina
	Adrenocortical Tumor, Left
	Carcinoid Tumor, Appendix
	Carcinoid Tumor, Lung
	Carcinoid Tumor, Malignant, Appendix
	Carcinoma, Acinic Cell, Parotid Gland, Right
	Carcinoma, Adrenal Cortical, Adrenal Gland, Left
	Carcinoma, Adrenocortical, Adrenal Gland
	Carcinoma, Adrenocortical, Adrenal Gland, Left
	Carcinoma, Adrenocortical, Adrenal Gland, Right
	Carcinoma, Basal Cell, Skin Of Head/Face
	Carcinoma, Basal Cell, Skin, Multiple Sites
	Carcinoma, Endometrioid, Endocervix
	Carcinoma, Endometrioid, Ovary, Right
	Carcinoma, Follicular, Thyroid
	Carcinoma, Follicular, Thyroid, Lobe, Right
	Carcinoma, Medullary, Thyroid, Bilateral
	Carcinoma, Medullary, Thyroid, Left
	Carcinoma, Nasopharyngeal
	Carcinoma, Papillary, Follicular Variant, Thyroid, Right
	Carcinoma, Papillary, Serous, Peritoneum
	Carcinoma, Papillary, Thyroid
	Carcinoma, Papillary, Thyroid, Bilateral
	Carcinoma, Papillary, Thyroid, Lobe, Right
	Carcinoma, Small Cell, Ovary, Left
	Carcinoma, Squamous Cell, (Spindle Cell Type), Tongue, Anterior
	Carcinoma, Squamous Cell, Gingiva, Mandibular Region, Left
	Carcinoma, Thyroid

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
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<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Carcinoma, Unknown Primary Site
	Carcinoma, Urothelial, Kidney, Left
	Choriocarcinoma, Uterus
	Hepatocellular Carcinoma, Fibrolamellar, Liver
	Lymphoepithelioma, Tonsillar Area
	Mucoepidermoid Carcinoma, Lung, Right
	Mucoepidermoid Carcinoma, Parotid Gland, Left
	Mucoepidermoid Carcinoma, Parotid Gland, Right
	Mucoepidermoid Carcinoma, Soft Palate
	Neuroendocrine Carcinoma, Retroperitoneum
	Renal Cell Carcinoma, Kidney
	Renal Cell Carcinoma, Kidney, Left
	Renal Cell Carcinoma, Kidney, Right
Other leukemia	Acute Bilineal Leukemia, B/Myeloid, Nos
	Acute Biphenotypic Leukemia, B/Myeloid, Bone Marrow
	Acute Biphenotypic Leukemia, Bone Marrow
	Acute Leukemia, Adult T-Cell (Htlv-1 Associated)
	Acute Leukemia, Mixed Phenotype, Bone Marrow
	Acute Undifferentiated Leukemia, Bone Marrow
	Burkitt Cell Leukemia, Bone Marrow
	T Cell Large Granular Lymphocytic Leukemia, Bone Marrow
Other malignancy	Adamantinoma, Tibia
	Blastoma, Pleuropulmonary, Hemithorax, Right
	Blastoma, Pleuropulmonary, Lung, Right
	Carcinoid Tumor, Appendix
	Cellular Fibrous Histiocytoma Of Uncertain Malignant Potential, Scalp, Left
	Chordoma, Lower Clivus
	Chordoma, Orbit, Soft Tissue, Left
	Chordoma, Sacrococcygeal Region
	Desmoid Tumor, Fibromatosis, Ileum And Ascending Colon
	Ectomesenchymoma, Malignant, Rectus Abdominus Muscle, Left
	Epithelioid Hemangioendothelioma (Myxoid Angioblastomatosis), Clavicle, Proximal, Left
	Giant Cell Tumor Of Thoracic Vertebrae
	Giant Cell Tumor, Femur, Distal, Left
	Giant Cell Tumor, Fibula, Proximal

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Giant Cell Tumor, Sacrum
	Giant Cell Tumor, Tibia, Proximal
	Hemangioendothelioma, Malignant, Temporal Area
	Hemangiopericytoma (Malignant), Thigh, Soft Tissue, Distal, Left
	Hemangiopericytoma (Uncertain Behavior) Thigh, Right
	Hemangiopericytoma, (Malignant) Infantile, Lung, Left
	Hemangiopericytoma, Malignant, Abductor Muscle Of Thigh, Left
	Hemangiopericytoma, Malignant, Orbit
	Hemangiopericytoma, Malignant, Scalp
	Histiocytoma, Plexiform Fibrous, Thigh, Medial, Left
	Malignant Complete Hydatidiform Mole, Uterus
	Malignant Fibrous Histiocytoma, Cuboid Bone, Right
	Malignant Fibrous Histiocytoma, Femur, Distal, Right
	Malignant Fibrous Histiocytoma, Upper Arm, Left
	Malignant Neoplasm With Neuroepithelial Features, Pelvic
	Malignant Neoplasm, Lymph Node Of Neck
	Medulloepithelioma, Ciliary Body, Left
	Medulloepithelioma, Non-Teratoid Type, Ciliary Body, Eye, Right
	Mesothelioma, Malignant, Pelvic
	Myofibroblastic Tumor, Low Grade, Shoulder, Left
	Paraganglioma, Abdominal
	Paraganglioma, Hilum
	Paraganglioma, Temporal Region, Petrous Portion
	Paraganglioma, Temporalis Muscle
	Plexiform Fibrohistiocytic Tumor, Thigh, Right
	Rhabdoid Tumor, Extra-Renal
	Rhabdoid Tumor, Malignant, Extrarenal, Soft Tissue Of Neck, Left
	Rhabdoid Tumor, Malignant, Kidney, Left
	Rhabdoid Tumor, Paraspinal
	Rhabdoid Tumor, Soft Tissue Of Orbit, Left
	Sertoli-Leydig Cell Tumor, Ovary, Left
	Sertoli-Leydig Cell Tumor, Ovary, Right
	Small Round Cell Tumor (Desmoplastic), Chest
	Small Round Cell Tumor, Desmoplastic, Orbital Bone, Right
	Small Round Cell Tumor, Desmoplastic, Paratesticular, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Tumor, Solid Pseudopapillary, Pancreas
Retinoblastoma	Retinoblastoma, Eye, Bilateral
	Retinoblastoma, Eye, Bilateral (Asynchronous)
	Retinoblastoma, Eye, Left
	Retinoblastoma, Eye, Right
	Retinoblastoma, Multifocal, Eye, Bilateral
	Retinoblastoma, Multifocal, Eye, Left
	Retinoblastoma, Multifocal, Eye, Right
	Retinoblastoma, Poorly Differentiated, Eye, Left
	Retinoblastoma, Trilateral (Involving Eye, Unilateral And Pineal Gland)
	Retinoblastoma, Trilateral (Involving Eyes, Bilateral And Pineal Gland)
	Retinoblastoma, Undifferentiated Type, Eye, Left
	Retinoblastoma, Undifferentiated Type, Eye, Right
Rhabdomyosarcoma	Rhabdomyosarcoma, Alveolar Ridge (Maxilla), Upper Posterior
	Rhabdomyosarcoma, Alveolar, Breast, Right
	Rhabdomyosarcoma, Alveolar, Calf, Right
	Rhabdomyosarcoma, Alveolar, Ethmoid Sinus
	Rhabdomyosarcoma, Alveolar, Ethmoid Sinus, Left
	Rhabdomyosarcoma, Alveolar, Forearm, Soft Tissue, Right
	Rhabdomyosarcoma, Alveolar, Hand, Left
	Rhabdomyosarcoma, Alveolar, Labia Majora, Left
	Rhabdomyosarcoma, Alveolar, Nasal Labial, Right
	Rhabdomyosarcoma, Alveolar, Nasal, Left
	Rhabdomyosarcoma, Alveolar, Parameningeal Area
	Rhabdomyosarcoma, Alveolar, Paranasal, Left
	Rhabdomyosarcoma, Alveolar, Pelvis
	Rhabdomyosarcoma, Alveolar, Perirectal
	Rhabdomyosarcoma, Alveolar, Retroperitoneum
	Rhabdomyosarcoma, Alveolar, Soft Tissue, Face, Left
	Rhabdomyosarcoma, Alveolar, Soft Tissue, Face, Right
	Rhabdomyosarcoma, Alveolar, Soft Tissues Of Scalp
	Rhabdomyosarcoma, Alveolar, Thigh, Left
	Rhabdomyosarcoma, Alveolar, Thigh, Left, Distal, Posterior
	Rhabdomyosarcoma, Alveolar, Thigh, Right
	Rhabdomyosarcoma, Alveolar, Tongue



**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Rhabdomyosarcoma, Alveolar, Upper Arm, Left
	Rhabdomyosarcoma, Bladder/Prostate
	Rhabdomyosarcoma, Body Generally
	Rhabdomyosarcoma, Buttock
	Rhabdomyosarcoma, Cantus, Lateral
	Rhabdomyosarcoma, Cavemous Sinus, Left
	Rhabdomyosarcoma, Chest Wall
	Rhabdomyosarcoma, Chest Wall, Anterior, Right
	Rhabdomyosarcoma, Chin
	Rhabdomyosarcoma, Deltoid Muscle
	Rhabdomyosarcoma, Dorsal Muscle Of Hand
	Rhabdomyosarcoma, Ear
	Rhabdomyosarcoma, Embryonal (Anaplastic), Testes
	Rhabdomyosarcoma, Embryonal (Anaplastic), Testes, Right
	Rhabdomyosarcoma, Embryonal And Spindle Cell, Testicle, Right
	Rhabdomyosarcoma, Embryonal And Spindle Cell, Testis, Left
	Rhabdomyosarcoma, Embryonal And Spindle Cell, Urinary Bladder
	Rhabdomyosarcoma, Embryonal, Abdomen
	Rhabdomyosarcoma, Embryonal, Abdominal Wall, Right
	Rhabdomyosarcoma, Embryonal, Bladder
	Rhabdomyosarcoma, Embryonal, Botryoid, Uterus/Cervix
	Rhabdomyosarcoma, Embryonal, Buttock, Left
	Rhabdomyosarcoma, Embryonal, Calf, Left
	Rhabdomyosarcoma, Embryonal, Cheek, Left
	Rhabdomyosarcoma, Embryonal, Cheek, Right
	Rhabdomyosarcoma, Embryonal, Chest Wall, Left
	Rhabdomyosarcoma, Embryonal, Chest Wall, Posterior, Right
	Rhabdomyosarcoma, Embryonal, Chest Wall, Right
	Rhabdomyosarcoma, Embryonal, Ear, Left
	Rhabdomyosarcoma, Embryonal, Ear, Right
	Rhabdomyosarcoma, Embryonal, Endocervix
	Rhabdomyosarcoma, Embryonal, Flank, Left
	Rhabdomyosarcoma, Embryonal, Hand, Left
	Rhabdomyosarcoma, Embryonal, Infratemporal Fossa, Left

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Rhabdomyosarcoma, Embryonal, Infratemporal Fossa, Right
	Rhabdomyosarcoma, Embryonal, Infratemporal, Left
	Rhabdomyosarcoma, Embryonal, Larynx
	Rhabdomyosarcoma, Embryonal, Mandible, Left
	Rhabdomyosarcoma, Embryonal, Maxillary Sinus, Right
	Rhabdomyosarcoma, Embryonal, Middle Ear, Left
	Rhabdomyosarcoma, Embryonal, Middle Ear, Right
	Rhabdomyosarcoma, Embryonal, Nare, Left
	Rhabdomyosarcoma, Embryonal, Nasal Cavity, Right
	Rhabdomyosarcoma, Embryonal, Nasopharynx
	Rhabdomyosarcoma, Embryonal, Nasopharynx, Left
	Rhabdomyosarcoma, Embryonal, Orbit
	Rhabdomyosarcoma, Embryonal, Orbit, Left
	Rhabdomyosarcoma, Embryonal, Orbit, Right
	Rhabdomyosarcoma, Embryonal, Paranasal Sinus, Left
	Rhabdomyosarcoma, Embryonal, Parapharyngeal Space, Right
	Rhabdomyosarcoma, Embryonal, Paraspinal
	Rhabdomyosarcoma, Embryonal, Paratesticular
	Rhabdomyosarcoma, Embryonal, Paratesticular, Left
	Rhabdomyosarcoma, Embryonal, Paratesticular, Right
	Rhabdomyosarcoma, Embryonal, Parotid Gland, Right
	Rhabdomyosarcoma, Embryonal, Pelvis
	Rhabdomyosarcoma, Embryonal, Perineum
	Rhabdomyosarcoma, Embryonal, Prostate
	Rhabdomyosarcoma, Embryonal, Pterygopalatine Fossa, Left
	Rhabdomyosarcoma, Embryonal, Retroperitoneal
	Rhabdomyosarcoma, Embryonal, Shoulder, Left
	Rhabdomyosarcoma, Embryonal, Soft Palate
	Rhabdomyosarcoma, Embryonal, Soft Tissue Of Jaw, Right
	Rhabdomyosarcoma, Embryonal, Spindle Cell Variant, Scapular Region, Left
	Rhabdomyosarcoma, Embryonal, Spindle Cell Variant, Tongue
	Rhabdomyosarcoma, Embryonal, Thigh, Left
	Rhabdomyosarcoma, Embryonal, Thoracolumbar Muscle, Right
	Rhabdomyosarcoma, Embryonal, Vagina

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Rhabdomyosarcoma, Face
	Rhabdomyosarcoma, Flank
	Rhabdomyosarcoma, Forearm
	Rhabdomyosarcoma, Gracilis Muscle (Thigh)
	Rhabdomyosarcoma, Hand
	Rhabdomyosarcoma, Hemidiaphragm
	Rhabdomyosarcoma, Hypothenar Eminence
	Rhabdomyosarcoma, Infratemporal Fossa
	Rhabdomyosarcoma, Labia Majora
	Rhabdomyosarcoma, Leg
	Rhabdomyosarcoma, Liver
	Rhabdomyosarcoma, Maxillary Sinus
	Rhabdomyosarcoma, Middle Ear
	Rhabdomyosarcoma, Mixed Type, Axillary Region, Right
	Rhabdomyosarcoma, Mixed Type, Paratesticular, Left
	Rhabdomyosarcoma, Mixed Type, Parotid Gland, Left
	Rhabdomyosarcoma, Mixed, Abdomen
	Rhabdomyosarcoma, Mixed, Paratesticular, Left
	Rhabdomyosarcoma, Nasopharynx
	Rhabdomyosarcoma, Nasopharynx, Left
	Rhabdomyosarcoma, Nose
	Rhabdomyosarcoma, Nose, Right
	Rhabdomyosarcoma, Orbit
	Rhabdomyosarcoma, Paraspinal
	Rhabdomyosarcoma, Paratesticular
	Rhabdomyosarcoma, Parietal Area
	Rhabdomyosarcoma, Parotid (Stensen's) Duct
	Rhabdomyosarcoma, Parotid Gland
	Rhabdomyosarcoma, Pelvis
	Rhabdomyosarcoma, Perineum
	Rhabdomyosarcoma, Perirectal
	Rhabdomyosarcoma, Prostate
	Rhabdomyosarcoma, Pterygoid Fossa, Left
	Rhabdomyosarcoma, Retroperitoneal
	Rhabdomyosarcoma, Sartorius Muscle Region

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups  
Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Rhabdomyosarcoma, Scalp
	Rhabdomyosarcoma, Soft Palate
	Rhabdomyosarcoma, Soft Palate, Right
	Rhabdomyosarcoma, Soft Tissue, Neck (Cervical Area)
	Rhabdomyosarcoma, Spermatic Cord
	Rhabdomyosarcoma, Spindle Cell Variant, Orbit, Left
	Rhabdomyosarcoma, Spindle Cell, Back
	Rhabdomyosarcoma, Spindle Cell, Testicle, Right
	Rhabdomyosarcoma, Spindle Cell, Thigh, Left
	Rhabdomyosarcoma, Spinous
	Rhabdomyosarcoma, Sternocleidomastoid Muscle
	Rhabdomyosarcoma, Submandibular, Right
	Rhabdomyosarcoma, Temporal Area
	Rhabdomyosarcoma, Temporalis
	Rhabdomyosarcoma, Testis
	Rhabdomyosarcoma, Thigh
	Rhabdomyosarcoma, Thigh, Left
	Rhabdomyosarcoma, Thorax
	Rhabdomyosarcoma, Tonsillar Fossa
	Rhabdomyosarcoma, Urinary Bladder
	Rhabdomyosarcoma, Uterus
	Rhabdomyosarcoma, Uvula
	Rhabdomyosarcoma, Vagina
	Rhabdomyosarcoma, Vaginal Wall, Anterior
	Rhabdomyosarcoma, Vesicovaginal
Soft tissue sarcoma	Adenosarcoma, Uterine
	Alveolar Soft Part Sarcoma, Semimembranosus Muscle, Left
	Angiomatoid Fibrous Histiocytoma, Leg, Right
	Angiosarcoma, Epithelioid, Leg, Left
	Chondrosarcoma, Base Of Skull
	Chondrosarcoma, Epiglottis
	Chondrosarcoma, Ethmoid Bone, Left
	Chondrosarcoma, Femur, Distal
	Chondrosarcoma, Femur, Proximal
	Chondrosarcoma, Mesenchymal, Chest Wall, Upper Posterior, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Chondrosarcoma, Mesenchymal, Intraspinal/Extradural, Cervical, C1-C4
	Chondrosarcoma, Mesenchymal, Maxilla, Right
	Chondrosarcoma, Mesenchymal, Orbit, Right
	Chondrosarcoma, Rib
	Cystosarcoma Phyllodes, Malignant, Breast, Left
	Dermatofibrosarcoma Protuberans, Abdominal Wall
	Dermatofibrosarcoma Protuberans, Dorsum Of Foot, Left
	Dermatofibrosarcoma Protuberans, Foot, Right
	Dermatofibrosarcoma Protuberans, Hip, Left
	Dermatofibrosarcoma Protuberans, Popliteal Fossa, Left
	Dermatofibrosarcoma Protuberans, Skin Of Back
	Dermatofibrosarcoma Protuberans, Skin Of Hip, Left
	Dermatofibrosarcoma Protuberans, Upper Arm
	Dermatofibrosarcoma Protuberans, Upper Arm, Right
	Embryonal Sarcoma, Liver
	Epithelioid Sarcoma, 3rd Finger, Left
	Epithelioid Sarcoma, 4th Finger (Ring Finger)
	Epithelioid Sarcoma, 4th Finger, Left
	Epithelioid Sarcoma, Calf, Left
	Epithelioid Sarcoma, Ear
	Epithelioid Sarcoma, Forearm, Right
	Epithelioid Sarcoma, Hand, Left
	Epithelioid Sarcoma, Hand, Right
	Epithelioid Sarcoma, Mediastinum, Posterior, Right
	Epithelioid Sarcoma, Scalp
	Epithelioid Sarcoma, Thigh, Left
	Epithelioid Sarcoma, Thumb
	Epithelioid Sarcoma, Thumb, Right
	Epithelioid Sarcoma, Upper Arm, Right
	Epithelioid Sarcoma, Wrist, Volar Surface, Right
	Fibrosarcoma, Abdominal Wall
	Fibrosarcoma, Arm
	Fibrosarcoma, Clavicle, Left
	Fibrosarcoma, Dorsum Of Foot, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Fibrosarcoma, Gingiva
	Fibrosarcoma, Infantile, Leg
	Fibrosarcoma, Infantile, Leg, Left
	Fibrosarcoma, Infantile, Leg, Right
	Fibrosarcoma, Infantile, Soft Tissue Of Arm, Right
	Fibrosarcoma, Infantile, Thigh, Left
	Fibrosarcoma, Infantile, Thoracic Wall
	Fibrosarcoma, Inguinal Region
	Fibrosarcoma, Maxillary (Alveolar Ridge)
	Fibrosarcoma, Neck, Lower, Right
	Fibrosarcoma, Soft Tissue Of Back
	Fibrosarcoma, Upper Inner Quadrant Of Female Breast, Right
	Gastrointestinal Stromal Tumor, Abdomen
	Gastrointestinal Stromal Tumor, Greater Curvature Of Stomach
	Gastrointestinal Stromal Tumor, Stomach
	Glomus Tumor, Solid Variant, Malignant, Chest Wall, Right
	Hemangioendothelioma, Malignant, Foot, Left
	Hemangioendothelioma, Nasal, Malignant
	Hemangiopericytoma, Malignant, Congenital, Forearm, Soft Tissue, Right
	Infantile Hemangiopericytoma, Leg, Right
	Leiomyosarcoma, Retroperitoneum
	Leiomyosarcoma, Soft Tissue, Cheek, Left
	Leiomyosarcoma, Stomach
	Leiomyosarcoma, Thigh, Soft Tissue, Right
	Liposarcoma, Abdomen
	Liposarcoma, Chest Wall
	Liposarcoma, Myxoid, Foot, Right
	Liposarcoma, Myxoid, Thigh, Right
	Liposarcoma, Pleomorphic, Retroperitoneum
	Liposarcoma, Thigh
	Liposarcoma, Thigh, Right
	Malignant Fibrous Histiocytoma, Acromion
	Malignant Fibrous Histiocytoma, Angiomatoid, Abdominal Wall, Right
	Malignant Fibrous Histiocytoma, Angiomatoid, Axillary Lymph Node, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Malignant Fibrous Histiocytoma, Angiomatoid, Chest Wall, Anterior, Left
	Malignant Fibrous Histiocytoma, Angiomatoid, Scalp
	Malignant Fibrous Histiocytoma, Buttock
	Malignant Fibrous Histiocytoma, Calf, Left
	Malignant Fibrous Histiocytoma, Cervical, Right
	Malignant Fibrous Histiocytoma, Chest Wall
	Malignant Fibrous Histiocytoma, Femur, Distal, Left
	Malignant Fibrous Histiocytoma, Femur, Right
	Malignant Fibrous Histiocytoma, Fibula, Proximal, Left
	Malignant Fibrous Histiocytoma, Hand
	Malignant Fibrous Histiocytoma, Inguinal (Iliac) Area
	Malignant Fibrous Histiocytoma, Knee, Right
	Malignant Fibrous Histiocytoma, Neck
	Malignant Fibrous Histiocytoma, Retroperitoneum
	Malignant Fibrous Histiocytoma, Supraorbital, Left
	Malignant Fibrous Histiocytoma, Thigh
	Malignant Fibrous Histiocytoma, Thumb, Right
	Malignant Fibrous Histiocytoma, Upper Arm, Left
	Malignant Fibrous Histiocytoma, Upper Arm, Right
	Malignant Histiocytoma, Ankle, Right
	Malignant Histiocytoma, Forearm
	Malignant Peripheral Nerve Sheath Tumor With Rhabdoid Components, Brachial Plexus, Left
	Malignant Peripheral Nerve Sheath Tumor With Rhabdomyomatous Differentiation (Triton Tumor), Paratesticular, Right
	Malignant Peripheral Nerve Sheath Tumor, Axilla, Left
	Malignant Peripheral Nerve Sheath Tumor, Buttock, Right
	Malignant Peripheral Nerve Sheath Tumor, Calf
	Malignant Peripheral Nerve Sheath Tumor, Chest Wall, Left
	Malignant Peripheral Nerve Sheath Tumor, Forehead
	Malignant Peripheral Nerve Sheath Tumor, Mediastinum, Anterior, Left
	Malignant Peripheral Nerve Sheath Tumor, Neck
	Malignant Peripheral Nerve Sheath Tumor, Paraspinal
	Malignant Peripheral Nerve Sheath Tumor, Pectoral Region, Right
	Malignant Peripheral Nerve Sheath Tumor, Soft Tissue, Forearm, Right
	Malignant Peripheral Nerve Sheath Tumor, Supraclavicular Region Of Chest Wall, Right

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups  
Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Malignant Peripheral Nerve Sheath Tumor, Thigh, Distal, Right
	Malignant Peripheral Nerve Sheath Tumor, Thigh, Proximal, Left
	Malignant Schwannoma (Peripheral Nerve Sheath Tumor), Thigh, Medial, Left
	Malignant Schwannoma, Abdominal Wall, Left
	Malignant Schwannoma, Forearm
	Malignant Schwannoma, Leg
	Malignant Schwannoma, Radial Nerve, Forearm
	Mesenchymoma, Malignant, Bone
	Mesenchymoma, Malignant, Mandible
	Mesenchymoma, Malignant, Retroperitoneal
	Myofibroblastic Sarcoma, Neck
	Myofibroblastic Sarcoma, Tonsil, Left
	Primitive Mesenchymal Sarcoma, Paraspinal
	Rhabdoid Tumor, Malignant, Extrarenal, Soft Tissue Of Neck, Left
	Rhabdoid Tumor, Malignant, Paraspinal, T12-L1
	Sarcoma, Alveolar Soft Part, Breast, Left
	Sarcoma, Alveolar Soft Part, Chest Wall
	Sarcoma, Alveolar Soft Part, Chest Wall, Anterior, Left
	Sarcoma, Alveolar Soft Part, Latissimus Dorsi Region
	Sarcoma, Alveolar Soft Part, Nasopharynx
	Sarcoma, Alveolar Soft Part, Neck, Posterior, Right
	Sarcoma, Alveolar Soft Part, Scapular Region
	Sarcoma, Alveolar Soft Part, Scapular Region, Left
	Sarcoma, Alveolar Soft Part, Shoulder
	Sarcoma, Alveolar Soft Part, Thigh
	Sarcoma, Alveolar Soft Part, Thigh, Left
	Sarcoma, Alveolar Soft Part, Thigh, Right
	Sarcoma, Alveolar Soft Part, Tongue
	Sarcoma, Alveolar Soft Part, Vastus Intermedius
	Sarcoma, Axillary Region, Right
	Sarcoma, Cheek, Left
	Sarcoma, Clear Cell, Arm, Upper, Left
	Sarcoma, Clear Cell, Buttock, Right
	Sarcoma, Clear Cell, Falciform Ligament



**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Sarcoma, Clear Cell, Kidney, Left
	Sarcoma, Clear Cell, Kidney, Right
	Sarcoma, Clear Cell, Popliteal Fossa, Right
	Sarcoma, Clear Cell, Small Intestine
	Sarcoma, Fibromyxoid, Low Grade, Muscle, Thigh, Right
	Sarcoma, Fibromyxoid, Soft Tissue, Forearm, Left
	Sarcoma, High Grade Polyphenotypic, Gluteus, Left
	Sarcoma, High Grade, Axilla, Right
	Sarcoma, High Grade, Dorsum Of Foot, Left
	Sarcoma, High Grade, Lower Leg, Left
	Sarcoma, High Grade, Nos, Dura Mater, Frontoparietal Region, Left
	Sarcoma, High Grade, Soft Tissues, Pelvis
	Sarcoma, High Grade, Thigh, Left
	Sarcoma, Not Otherwise Specified, Differentiation Not Determined, Arm
	Sarcoma, Not Otherwise Specified, Hand
	Sarcoma, Pleomorphic, Thigh, Right
	Sarcoma, Primitive Round Cell, Buttock, Right
	Sarcoma, Soft Tissue, Forearm, Left
	Sarcoma, Soft Tissue, Nasal Cavity, Right
	Sarcoma, Spindle Cell, Chest Wall, Anterior, Left
	Sarcoma, Spindle Cell, Hand, Left
	Sarcoma, Spindle Cell, Soft Tissue Of Foot, Left
	Sarcoma, Synovial, Ankle Region
	Sarcoma, Synovial, Antecubital Region
	Sarcoma, Synovial, Arm, Right
	Sarcoma, Synovial, Biphasic Type, Elbow, Left
	Sarcoma, Synovial, Biphasic Type, Gastrocnemius Muscle, Left
	Sarcoma, Synovial, Biphasic Type, Gastrohepatic Ligament
	Sarcoma, Synovial, Biphasic Type, Neck, Right
	Sarcoma, Synovial, Biphasic Type, Tongue
	Sarcoma, Synovial, Cheek, Right
	Sarcoma, Synovial, First Metatarsal, Foot, Left
	Sarcoma, Synovial, Flank
	Sarcoma, Synovial, Foot, Left

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Sarcoma, Synovial, Groin, Left
	Sarcoma, Synovial, Groin, Right
	Sarcoma, Synovial, Hip
	Sarcoma, Synovial, Hip Fossa
	Sarcoma, Synovial, Inguinal Area, Left
	Sarcoma, Synovial, Inguinal Area, Right
	Sarcoma, Synovial, Knee
	Sarcoma, Synovial, Knee, Left
	Sarcoma, Synovial, Knee, Right
	Sarcoma, Synovial, Monophasic Type, Palm Of Hand, Left
	Sarcoma, Synovial, Monophasic, Femoral Nerve Sheath, Left
	Sarcoma, Synovial, Pleura, Right
	Sarcoma, Synovial, Popliteal Fossa, Left
	Sarcoma, Synovial, Scalp, Right
	Sarcoma, Synovial, Shoulder
	Sarcoma, Synovial, Soft Tissue Of Lower Leg
	Sarcoma, Synovial, Soft Tissue, Forearm, Left
	Sarcoma, Synovial, Soft Tissue, Forearm, Right
	Sarcoma, Synovial, Spindle Cell, Plantar Region, Foot, Right
	Sarcoma, Synovial, Thigh
	Sarcoma, Synovial, Thigh, Distal, Right
	Sarcoma, Synovial, Thigh, Left
	Sarcoma, Synovial, Triceps Brachii Muscle
	Sarcoma, Synovial, Wrist, Left
	Sarcoma, Synovial, Wrist, Right (Flexor Capri Ulnaris)
	Sarcoma, Thigh, Left
	Sarcoma, Undifferentiated, Buttock, Right
	Sarcoma, Undifferentiated, Kidney, Right
	Sarcoma, Undifferentiated, Maxillary Sinus
	Sarcoma, Undifferentiated, Paraspinal, T11-T12
	Sarcoma, Undifferentiated, Scalp, Posterior
	Schwannoma, Malignant, Neck
	Small Round Cell Tumor, Desmoplastic, Abdomen
	Small Round Cell Tumor, Desmoplastic, Abdominopelvic

**Abstracted Primary Childhood Cancer Diagnoses within Abstracted Diagnosis Groups  
Data Freeze: June 30, 2017**

<b>Broad Diagnosis Group (diaggrp)</b>	<b>Diagnosis (diag)</b>
	Small Round Cell Tumor, Desmoplastic, Neck, Left
	Small Round Cell Tumor, Desmoplastic, Peritoneum
Wilms tumor	Mesenchymal Nephroma, Malignant
	Mesoblastic Nephroma
	Mesoblastic Nephroma, Kidney, Right
	Nephroblastomatosis
	Nephroma, Mesoblastic, Congenital, Kidney, Right
	Nephroma, Mesoblastic, Kidney, Left
	Nephroma, Mesoblastic, Malignant, Kidney, Left
	Wilms Tumor, Anaplastic, Kidney, Right
	Wilms' Tumor
	Wilms' Tumor, Anaplastic, Kidney, Left
	Wilms' Tumor, Diffuse Anaplasia, Kidney, Right
	Wilms' Tumor, Extrarenal
	Wilms' Tumor, Extrarenal, Retroperitoneum
	Wilms' Tumor, Favorable Histology, With Preoperative Rupture, Kidney, Right
	Wilms' Tumor, Focal Anaplasia, Kidney, Right
	Wilms' Tumor, Kidney, Bilateral
	Wilms' Tumor, Kidney, Bilateral, Asynchronous
	Wilms' Tumor, Kidney, Left
	Wilms' Tumor, Kidney, Right
	Wilms' Tumor, Retroperitoneum
	Wilms' With Prominent Rhabdomyoblastic Differentiation, Kidney, Left

**Abstracted Lab Names within Assigned Lab Types  
Data Freeze: June 30, 2017**

<b>Lab Type (labtype)</b>	<b>Lab Name (labname)</b>
CBC/Retic	ANC
	APC AUTO
	Basophils Auto (%)
	Eos Absol Calc
	Eosinophil Absolute Auto
	Eosinophils Auto (%)
	Hct
	Hgb
	Lymp Absol Calc
	Lymphocyte Absolute Auto
	Lymphocytes Auto (%)
	MCH
	MCHC
	MCV
	MPV
	Mono # Auto
	Mono Absol Calc
	Monocyte Absolute Auto
	Monocytes Auto (%)
	Neut # Auto
	Neut Absol Calc
	Neutrophil Absolute Auto
	Neutrophils Auto (%)
	Platelet Count
	RBC Morphology
	RBC x10e6/mm3
	RDW
	Retic Count Percentage
	Reticulocyte (x10^6)
	WBC x10e3/mm3
Cardiac Assay	CRP, High Sensitivity (Cardiac) Assay
Chemistry Blood	% Transferrin Saturation
	ALT (SGPT)
	AST (SGOT)
	Albumin Lvl

**Abstracted Lab Names within Assigned Lab Types  
Data Freeze: June 30, 2017**

Lab Type (labtype)	Lab Name (labname)
	Alkaline Phosphatase
	Anion Gap (without K)
	BUN
	Bilirubin
	CO2
	Calcium Lvl
	Cl
	Creatinine
	Cystatin C
	Ferritin
	Glucose Lvl
	HDL Cholesterol
	Hemoglobin A1C
	IGF-1
	IGF-1 Z-Score
	Iron
	K
	LDH
	LDL Cholesterol
	Lipase Lvl
	Magnesium
	NT-Pro B Type Natriuretic Peptide
	Na
	Osmolality
	Phosphorus
	Protein, Total
	Total Cholesterol
	Transferrin
	Triglyceride
	Troponin-T Serum
	Uric Acid
Chemistry Urine	Beta-2 Microglobulin Urine Random
	Calcium/24 Hr Urine
	Creatinine Clearance (norm. to 1.73m2)
	Creatinine Urine 24 Hr

**Abstracted Lab Names within Assigned Lab Types  
Data Freeze: June 30, 2017**

Lab Type (labtype)	Lab Name (labname)
	Creatinine Urine Random
	K Urine 24 Hr
	Magnesium Urine 24 Hr
	Microalbumin 24 Hour Urine mg/24 Hr
	Microalbumin 24 Hr Urine mcg/min
	Microalbumin 24Hr Urine Creatinine
	Microalbumin Urine 24Hr Total Volume
	Osmolality Urine 24 Hr
	Phosphorus Urine 24 Hr:
	Protein Creatinine Ratio Urine
	Protein Urine 24 Hr
	Protein Urine Random
	Total Volume
Endocrinology	Cortisol, Serum
	Estradiol Lvl
	FSH
	FT4 Inst Result
	Free T4
	Hb A1c Hemoglobin
	Insulin
	Luteinizing Hormone
	Parathyroid Hormone Intact Serum
	Prolactin
	T3
	T3 Uptake
	T3/T4 Uptake
	T4
	T4 Free Direct Dialysis
	TSH
	Testosterone Level
	Thyroid Stimulating Hormone Analyzer
	Total Calcium PTH
PKN Tests	Technetium 99 Level 1 Hr
	Technetium 99 Level 2 Hr
	Technetium 99 Level 4 Hr

**Abstracted Lab Names within Assigned Lab Types**  
**Data Freeze: June 30, 2017**

Lab Type (labtype)	Lab Name (labname)
	Technetium 99m Renal Clearance
Urinalysis	U Appearance
	U Bilirubin
	U Blood
	U Color
	U Epithelial Cells
	U Glucose
	U Ketones
	U Leukocyte Esterase
	U Mucus Threads
	U Nitrite
	U Protein
	U RBC
	U Specific Gravity
	U WBC
	U pH
	UA Microscopic

**Abstracted Drug Names within Broad Assigned Drug Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Drug Group (druggrp)</b>	<b>Drug Name (drug)</b>
Aminoglycoside	Amikacin
	Gentamicin
	Kanamycin
	Streptomycin
	Tobramycin
Chemotherapeutic Agent	06-benzylguanine
	4-Hydroperoxycyclophosphamide (4-HC)
	5-Azacytidine
	6-Azauridine
	9-Aminocamptothecin
	ABT-751
	Amsacrine
	Bendamustine (Treanda)
	Bleomycin
	Busulfan
	Cabazitaxel
	Capecitabine (Xeloda)
	Carboplatin
	Carmustine
	Chlorambucil (Leukeran)
	Cisplatin
	Cladribine
	Clofarabine
	Cloretazine (NTO-1152)
	Crizotinib
	Cyclophosphamide
	Cytarabine
	Cytarabine Liposomal
	DMP 840
	Dacarbazine (DTIC)
	Dactinomycin
	Dasatinib (Sprycel)
	Daunorubicin (Daunomycin)
	Daunorubicin Liposomal (Daunoxome)
	Dexamethasone (Decadron)



**Abstracted Drug Names within Broad Assigned Drug Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Drug Group (druggrp)</b>	<b>Drug Name (drug)</b>
	Docetaxel (Taxotere)
	Doxorubicin (Adriamycin)
	Doxorubicin Liposomal (Doxil)
	Epirubicin
	Erlotinib
	Erwinia Asparaginase
	Etopophos
	Etoposide
	Exatecan (DX8951)
	Fludarabine
	Fluorouracil (5FU)
	Gefitinib (Iressa, ZD1839)
	Gemcitabine
	High Dose Cytarabine
	High Dose Methotrexate
	Hydrocortisone
	Hydroxyurea
	Idarubicin
	Ifosfamide
	Imatinib (Gleevec)
	Irinotecan (Camptosar)
	Isotretinoin (Accutane)
	L-Asparaginase
	Lapatinib
	Laromustine (Cloretazine)
	Lomustine
	Lonafarnib (Sarasar)
	Mafosfamide
	Mechlorethamine (Nitrogen Mustard)
	Melphalan
	Mercaptopurine
	Methotrexate
	Methyl Lomustine
	Methylprednisolone
	Mitoguazone

**Abstracted Drug Names within Broad Assigned Drug Groups  
Data Freeze: June 30, 2017**

<b>Broad Drug Group (druggrp)</b>	<b>Drug Name (drug)</b>
	Mitomycin (Mutamycin)
	Mitotane
	Mitoxantrone
	Nab-paclitaxel (Abraxane)
	Nelarabine
	Neuraminidase
	Oxaliplatin
	Paclitaxel
	Peg-Asparaginase
	Pemetrexed
	Pentostatin
	Prednisolone
	Prednisone
	Procarbazine
	Raltitrexed (D1694)
	Selumetinib (AZD6244)
	Semaxanib (Semoxind, SU5416)
	Sodium Phenylbutyrate (Buphenyl)
	Sorafenib
	Sunitinib
	Temozolomide
	Temsirolimus
	Teniposide
	Thioguanine
	Thiotepa
	Tipifarnib (Zarnestra)
	Topotecan
	Tretinoin (Retin A)
	Vidarabine
	Vinblastine
	Vincristine
	Vinorelbine
Immunosuppressant	Alemtuzumab
	Bevacizumab (Avastin)
	Cyclosporine

**Abstracted Drug Names within Broad Assigned Drug Groups  
Data Freeze: June 30, 2017**

<b>Broad Drug Group (druggrp)</b>	<b>Drug Name (drug)</b>
	Gemtuzumab
	Muromonab-CD3 (OKT3)
	Rituximab
	Sirolimus
	Trastuzumab
	XomaZyme
Other Agent	3F8 (Murine IgG3)
	Aldesleukin (Interleukin-2)
	Alpha Interferon
	Amifostine
	Anastrozole (Arimidex)
	Arsenic Trioxide (Trisenox)
	Becatecarin (NSC 655649)
	Bisantrene, CL 216,942, NSC-337766
	Bortezomib
	Brentuximab vedotin
	Cetuximab (Erbix)
	Cilengitide (EMD121974)
	Dexrazoxane
	Dinutuximab (ch14.18)
	Etanercept
	Everolimus
	Exemestane (Aromasin)
	Flavone acetic acid
	Gamma Interferon
	Hu14.18K322A (humanized monoclonal anti-GD2 antibody)
	Interferon
	Interferon Alpha-2a
	Interferon Alpha-2b
	Interleukin-1
	Interleukin-3
	Interleukin-4
	Letrozole (Femara)
	MK0752

**Abstracted Drug Names within Broad Assigned Drug Groups**  
**Data Freeze: June 30, 2017**

<b>Broad Drug Group (druggrp)</b>	<b>Drug Name (drug)</b>
	Mesna
	N-Methylformamide
	Nilotinib
	Nivolumab (Opdivo)
	Octreotide
	Panitumumab (Vectibix)
	Pazopanib (Votrient)
	Peginterferon Alpha-2b
	Pertuzumab (Perjeta)
	Piperazinedione
	Sulindac
	Tamoxifen
	Thalidomide
	Tirapazamine
	Trametinib
	Trimetrexate
	Tumor Necrosis Factor
	Valproic acid (Depakote)
	Vandetanib (Zactima, ZD6474)
	Vemurafenib (Zelboraf)
	Vismodegib (Erivedge)
	Vorinostat (Zolinza)

**Abstracted Drug Names within Specific Assigned Drug Groups**  
**Data Freeze: June 30, 2017**

<b>Drug Sub-Group (subdrggrp)</b>	<b>Drug Name (drug)</b>
Alkylating Agent: Classic	Bendamustine (Treanda)
	Busulfan
	Carmustine
	Chlorambucil (Leukeran)
	Cyclophosphamide
	Ifosfamide
	Lomustine
	Mechlorethamine (Nitrogen Mustard)
	Melphalan
	Procarbazine
	Thiotepa
Alkylating Agent: Heavy Metals	Carboplatin
	Cisplatin
	Oxaliplatin
Alkylating Agent: Non-Classical	Cloretazine (NTO-1152)
	Dacarbazine (DTIC)
	Temozolomide
Anthracycline Antibiotics	Daunorubicin (Daunomycin)
	Daunorubicin Liposomal (Daunoxome)
	Doxorubicin (Adriamycin)
	Doxorubicin Liposomal (Doxil)
	Epirubicin
	Idarubicin
	Mitoxantrone
Anti-Tumor Antibiotics	Bleomycin
	Dactinomycin
Antimetabolites	Cytarabine
	High Dose Cytarabine
	High Dose Methotrexate
	Mercaptopurine
	Methotrexate
	Raltitrexed (D1694)
	Thioguanine
Corticosteroids	Dexamethasone (Decadron)
	Methylprednisolone

**Abstracted Drug Names within Specific Assigned Drug Groups**  
**Data Freeze: June 30, 2017**

<b>Drug Sub-Group (subdrggrp)</b>	<b>Drug Name (drug)</b>
	Prednisolone
	Prednisone
Enzymes	Erwinia Asparaginase
	L-Asparaginase
Epipodophyllotoxins	Etoposide
	Teniposide
Plant Alkaloids	Vinblastine
	Vincristine

**Abstracted Transplant Types within Abstracted Product Types**  
**Data Freeze: June 30, 2017**

<b>Product Type (prdtype)</b>	<b>Transplant Type (tptype)</b>
Bone Marrow	Allogeneic
	Autologous
	Syngeneic
Bone Marrow and PBSC	Allogeneic
	Autologous
Cord Blood	Allogeneic
EBV Specific Cytotoxic T Lymphocytes	Unknown
	Allogeneic
	Autologous
HPC-A	Unknown
	Allogeneic
	Autologous
HPC-C	Allogeneic
HPC-M	Allogeneic
	Autologous
HPC-M & HPC-A	Autologous
Other	Unknown
	Allogeneic
	Autologous
PBSC	Allogeneic
	Autologous
TC-NK	Allogeneic
TC-T	Unknown
	Allogeneic
Unknown	Allogeneic
	Syngeneic

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
(Arthrplst) Shoulder Wit (Begin 1980)	81.81				Hemiarthroplasty, Resurfacing, Humeral Head, Left
					Hemiarthroplasty, Resurfacing, Humeral Head, Right
					Hemiarthroplasty, Shoulder, Left
					Hemiarthroplasty, Shoulder, Right
					Insertion, Endoprosthesis, Humerus and Shoulder Region, Left
(Arthrplst) Shoulder Wit (Begin 1980); Int Fixationhumerus; Other Plastic Ops Tendon	81.81	78.52	83.88		Hemiarthroplasty with Proximal Humerus Implant and Bicep Tenodesis, Shoulder, Left
(Clos)bx Saliv Gland/Duct (Begin 1980)	26.11				Biopsy, Aspiration, Mass, Parotid, Right
					Biopsy, Fine Needle Aspiration, Mass, Submandibular, Left
					Biopsy, Fine Needle, Mass, Parotid Gland, Left
					Biopsy, Fine Needle, Mass, Parotid Gland, Right
					Biopsy, Mass, Parotid Area, Right
					Biopsy, Mass, Parotid Gland, Left
					Biopsy, Parotid Gland
					Biopsy, Salivary Gland
(Closed) Biopsy Larynx (Begin 1980)	31.43				Biopsy, Vocal Cord
(Closed) Biopsy Larynx (Begin 1980); Laryngoscopy/Tracheoscop	31.43	31.42			Laryngoscopy, Direct , Microscope with Biopsy, Larynx
					Laryngoscopy, Direct, Microscope with Biopsy, Subglottis
					Laryngoscopy, Direct, Microsuspension, with Biopsy, Calified Nodule, Subglottic Area, Left
(Closed) Biopsy Of Tongue (Begin 1980)	25.01				Biopsy, Excisional, Tongue
					Biopsy, Excisional, Tongue, Anterior
					Biopsy, Lesion, Lateral Tongue, Left
					Biopsy, Tongue
(Closed) Biopsy Trachea (Begin 1980)	31.44				Biopsy, Trachea
(Closed) Bx Of Esophagus (Begin 1980)	42.24				Biopsy, Esophagus
(Closed) Nasal Sinus Bx (Begin 1980)	22.11				Biopsy, Endoscopic, Mass, Ethmoid Sinus, Left
					Biopsy, Maxillary Sinus, Right
					Biopsy, Nasal Sinus
					Biopsy, Paranasal Sinus, Left
					Biopsy, Tumor, Maxillary Sinus
					Biopsy, Tumor, Maxillary Sinus, Left
(Closed) Nasal Sinus Bx (Begin 1980); Lacrimal Sac Biopsy	22.11	09.12			Endoscopy with Biopsies, Ethmoid Sinus Bulla and Nasolacrimal Sac, Right
(Inject) Lig Esoph Varix (Begin 1980)	42.91				Ligation, Surgical, Esophageal Varices



**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
(Loc) Excise Duodenum Les (Begin 1980)	45.31				Excision, Mass, Duodenal
					Polypectomy, Duodenum
(Oth) Cannulat Pancre Duc (Begin 1980)	52.92				Placement, Stent, Pancreatic
					Placement, Stent, Temporary, Pancreatic
(Oth) Prosigmoidoscopy (Begin 1980)	48.23				Examination Under Anesthesia with Proctoscopy
					Proctoscopy
					Proctosigmoidoscopy
					Sigmoidoscopy
(Oth)rem Cor Art Obst(Nec) (Begin 1986); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	36.09	00.45	00.40		Thrombectomy, Stent, Coronary Artery, Right
(Oth)rem Cor Art Obst(Nec) (Begin 1986); Procedureone Vessel (Begin 2005)	36.09	00.40			Angioplasty, Aorta
					Angioplasty, Coronary
(Oth)rem Cor Art Obst(Nec) (Begin 1986); Procedureone Vessel (Begin 2005); Insert 1 Vascular Stent (Begin 2005)	36.09	00.40	00.45		Angioplasty and Stenting, Coronary Artery
					Angioplasty and Stenting, Coronary Artery, Anterior Descending, Left
(Total) Cholecystectomy (Begin 1991)	51.22				Cholecystectomy
					Cholecystectomy, Incidental
					Removal, Gallbladder
(Total) Cholecystectomy (Begin 1991); Intraoper Cholangiogram	51.22	87.53			Cholecystectomy, Cholangiogram by Laparotomy
					Cholecystectomy, Laparoscopic Converted to Open Cholecystectomy with Fluoroscopic Cholangiogram
1 Extraoc Muscl Advance	15.12				Anteriorization, Inferior Oblique, Eye, Right
1 Extraoc Muscl Resect	15.13				Myectomy, Levator Palpebrae, Upper Eyelid, Left
					Resection, Lateral Rectus Muscle, Left
					Resection, Medial Rectus Muscle, Left
					Resection, Medial Rectus Muscle, Right
1 Extraoc Muscl Resect; 1 Extraoc Muscl Resect	15.13	15.13			Resection, Lateral Rectus Muscle, Eye, Bilateral
					Resection, Medial Rectus, Bilateral
1 Extraoc Muscl Resect; One Extraoc Mus Recess	15.13	15.11			Strabismus Surgery
					Strabismus Surgery, Bilateral
					Strabismus, Surgery, Left
					Strabismus, Surgery, Right
					Surgical Correction, Esotropia
					Surgical Correction, Exotropia, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
2nd Op Post Eye Rem Nec	16.69				Exchange, Deep Orbital Implant, Right
					Insertion, Conformer, Orbit, Left
					Insertion, Conformer, Orbit, Right
					Insertion, Implant, Orbit, Left
					Insertion, Implant, Orbit, Right
					Insertion, Orbital Rim Implant, Infraorbital Rim, Left
					Suture, Fornix Deepening, Eye, Left
2ndry Ocular Imp Insert	16.61				Insertion, Hydroxyapatite Ocular Implant, Left
					Insertion, Hydroxyapatite Ocular Implant, Right
					Insertion, Medpor Ocular Implant, Left
					Insertion, Medpor Ocular Implant, Right
					Insertion, Ocular Prosthesis, Eye, Right
2ndry Ocular Imp Insert; 2nd Op Post Eye Rem Nec	16.61	16.69			Insertion, Prosthesis, Eye, Left
Abd Rep-Diaphr Hern Nos (Begin 2008)	53.75				Repair, Hernia, Hemidiaphragm
					Repair, Hiatal Hernia
Abd Wall Hern Repair Nec	53.59				Herniorrhaphy, Ventral
					Repair, Hernia, Abdominal Wall
					Repair, Hernia, Abdominal Wall, Right
Abd Wall Suture Nec	54.63				Closure, Surgical Wound of Abdominal Wall Marlex Mesh
Abd Wall Suture Nec; Destruct Abd Wall Lesion	54.63	54.3			Closure, Evisceration, Abdominal Wall
Abdomen Artery Incision	38.06				Thrombectomy, Iliac Artery, Left
					Thrombectomy, Mesenteric Artery
Abdomen Region Ops Nec	54.99				Drainage, Adnexal, Cyst(s)
Abdomen Wall Repair Nec	54.72				Repair, Abdominal Wall, with Marlex Mesh
Abdomen Wall Repair Nec; App/Administr Adhesion Barri (Begin 2002)	54.72	99.77			Repair, Fascial Defect, Abdominal Wall, with Marlex Mesh
Abdominal Artery Excis	38.66				Resection, Mass, Celiac Axis
					Resection, Mass, Periaortic
Abdominal Paracentesis	54.91				Aspirate, Needle, Peritoneal Fluid
					Aspiration, Ascitic Fluid,
					Aspiration, Cyst(s), Abdomen
					Drainage, Abscess, Abdominal
					Drainage, Abscess, Due to Perforation of Colon
					Drainage, Abscess, Thoracotomy Incision, Percutaneous
					Drainage, Ascitic Fluid, Abdominal Cavity
					Insertion, Drain, Gallbladder

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Abdominal Paracentesis	54.91				Insertion, Drain, Intra-Abdominal
					Insertion, Drain, Presacral
					Paracentesis
Abdominal Vein Excision	38.67				Resection, Segmental, Superior Mesenteric Vein
Abdominal Vein Incision	38.07				Removal Attempted, Filter, Inferior Vena Cava
					Thrombectomy, Tumor, Hepatic Vena Cava
Abdominal Wall Biopsy	54.22				Biopsy, Abdominal Wall, Anterior
					Biopsy, Excisional, Mass, Abdominal Wall
					Biopsy, Excisional, Mass, Abdominal Wall, Anterior, Right
					Biopsy, Excisional, Mass, Inguinal Area, Right
					Biopsy, Incisional, Mass, Abdominal Wall
Abdominal Wall Incision	54.0				Drainage, Seroma, Abdominal Wall
					Drainage, Seroma, Inguinal, Right
					Evacuation, Hematoma, Groin
					Exploration, Groin
					Exploration, Groin, Left
					Exploration, Inguinal Area, Right
					Exploration, Inguinal Region, Left
					Exploration, Inguinal, Bilateral
					Exploration, Retroperitoneum
					Removal, Foreign Body (Sutures), Abdominal Incision Site, Left
					Removal, Foreign Object, Abdomen
					Removal, Prosthetic Material, Wound, Abdomen
Abdominal Wall Incision; Nonexcis Debridement Wnd(Begin 1988)	54.0	86.28			Exploration and Debridement, Abscess, Inguinal, Right
Abdominal Wall Incision; Radioactive Elem Implant	54.0	92.27			Insertion, Afterloading Catheters, Abdominal Wall
Abltn Liver Les/Tiss Nec (Begin 2006)	50.26				Cryoablation, Hepatocellular Carcinoma, Liver
Abltn Liver Les/Tiss Nec (Begin 2006); C.A.T. Scan Of Abdomen	50.26	88.01			Ablation, Microwave, Tumor, Liver by CT Guidance
Abltn Lung Tiss Nec/Nos (Begin 2006)	32.26				Radiofrequency Ablation, Pulmonary
Abltn Renal Les/Tiss Nec (Begin 2006)	55.35				Ablation, Laser, Mass, Kidney, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Above Knee Amputation	84.17				Amputation, Above Knee, Left
					Amputation, Above Knee, Right
					Amputation, Subtrochanter, Leg, Left
Above Knee Amputation; Arthrot/Pros Removknee	84.17	80.06			Amputation, Above the Knee with Removal of Infected Prosthesis, Right
Accesshypogloss Anastom	04.73				Anastomosis, Cranial Nerve XII to Ansa Cervicalis, Left
Achillotenotomy	83.11				Release, Achilles Tendon, Left
					Release, Achilles Tendon, Right
					Release, Heel Cord, Right
					Release, Tendon, Ankle, Left
					Release, Tendon, Ankle, Right
Achillotenotomy; Achillotenotomy	83.11	83.11			Release, Achilles Tendons, Bilateral
					Release, Tendon, Ankles, Bilateral
Acoustic Neurotomy	04.01				Excision, Acoustic Neuroma, Left
					Excision, Acoustic Neuroma, Right
Adductor Tenotomy Of Hip	83.12				Tenotomy, Adductor, Hip, Bilateral
Adenoidectomy	28.6				Adenoidectomy
					Adenoidectomy, Bilateral
					Adenoidectomy, Partial
Adhesiolysis Mus/Ten/Fas	83.91				Tenolysis, Extensor Carpi Radialis Brevis
					Tenolysis, Extensor Carpi Radialis Longus
Adjust Lid Position Nec	08.59				Canthoplasty, Left
					Canthoplasty, Right
					Reconstruction, Canthus, Left
					Reconstruction, Lateral Canthus, Right
Adjust Lid Position Nec; Oth Plastic Repair Palat	08.59	27.69			Canthoplasty, Lower Eyelid, Left with Graft of Hard Palate

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Adrenal Lesion Excision	07.21				Adrenalectomy with Resection of Neuroblastoma, Left
					Excision, Calcified Tissue, Suprarenal Area
					Excision, Partial, Tumor, Adrenal Gland
					Resection, Tumor, Adrenal Gland, Right
Adrenal Lesion Excision; Laparotomy Nec	07.21	54.19			Excision, Mass, Adrenal, Left by Laparotomy
					Excision, Neuroblastoma, Adrenal, Right by Laparotomy
					Excision, Tumor, Adrenal, Left, by Laparotomy
Aftercatar Discission; Extracap Lens Extrac Nec	13.64	13.59			Capsulotomy, YAG Laser, Eye, Left
					Capsulotomy, YAG Laser, Eye, Right
					Capsulotomy, YAG Laser, Eyes, Bilateral
					Capsulotomy, YAG Laser, Posterior, Eye, Left
Allogen Hemato Stem Cell Tra (Begin 1997); Autol Hematopo Stem Cell Tra (Begin 1994)	41.05	41.04			Hematopoietic Stem Cell Infusion
Allogrft Bone Marrow Nos (Begin 1988)	41.03				Transplant, Bone Marrow, Allogeneic
					Transplant, Stem Cell, Autologous
Alveoloplasty	24.5				Alveoloplasty
Alveolus Biopsy	24.12				Biopsy, Alveolar Ridge, Posterior, Right
Amputation Nos	84.91				Amputation
Amputation Of Cervix	67.4				Trachelectomy
Amputation Stump Revis	84.3				Revision and Debridement, Above Knee Amputation Stump, Left
					Revision, Amputation, Below Knee, Left
					Revision, Above the Knee Amputation Stump
					Revision, Amputation Stump
					Revision, Amputation, Above Knee, Right
					Revision, Amputation, Below Knee, Right
					Revision, Stump, Due to Dehiscence, Right
Amputation Through Foot	84.12				Amputation, Third Metatarsal, Foot, Left
Amputation Thru Humerus	84.07				Amputation, Above Elbow
					Amputation, Above Elbow, Left
					Amputation, Above Elbow, Right
Anal Biopsy	49.23				Biopsy, Skin, Perirectal Region

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Anal Fistulectomy	49.12				Biopsy, Excisional, Perianal Mass
					Excision, Fistula, Anal
					Fistulectomy, Perianal
					Fistulotomy, Anus
Anal Fistulectomy; Anal Sphinct Repair Nec	49.12	49.79			Fistulectomy, Complex, Anal Region with Sphincter Repair
Anal Sphincterotomy Nec	49.59				Sphincterectomy, Rectal
Anesthetized Eye Exam; Eye Examination Nos	95.04	95.09			Eye Exam Under Anesthesia, Bilateral
					Eye Exams Under Anesthesia, Bilateral
Anesthetized Eye Exam; Ophthalmoscopy	95.04	16.21			Fundoscopic Examination Under General Anesthesia
Aneurysm Repair Nec	39.52				Repair, Aneurysm
					Repair, Aneurysm, Aortic
					Repair, Aneurysm, Internal Carotid Artery, Right
					Repair, Pseudoaneurysm, Internal Carotid Artery, Right by Craniotomy
					Repair, Pseudoaneurysm, Femoral Artery, Right
Angioplast/Atherect (Begin 1995)	39.50				Mechanical Thrombectomy with Angioplasty
					Placement, Stent
Angioplast/Atherect (Begin 1995); Ather Oth Non-Cor Vessel (Begin 2011); Procedureone Vessel (Begin 2005)	39.50	17.56	00.40		Angioplasty and Atherectomy, Common Femoral Artery, Right
Angioplast/Atherect (Begin 1995); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	39.50	00.45	00.40		Angioplasty with Stenting, Iliac Artery, Right
Angioplast/Atherect (Begin 1995); Insert Drugeluting Noncmry (Begin 2002); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	39.50	00.55	00.45	00.40	Angioplasty and Stenting, Common Iliac Vein
Angioplast/Atherect (Begin 1995); Insert Noncor Art Stent (Begin 1996); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	39.50	39.90	00.45	00.40	Angioplasty and Stenting, Subclavian Artery, Left
					Angioplasty and Stenting, Superior Vena Cava
Angioplast/Atherect (Begin 1995); Procedureone Vessel (Begin 2005)	39.50	00.40			Angioplasty with Stenting, Femoral Artery, Left
					Angioplasty, Balloon, Superior Vena Cava
					Angioplasty, Common Femoral Vein, Right
					Angioplasty, Renal Artery, Right
					Angioplasty, Transluminal, Percutaneous, Pulmonary Artery, Left
Angioplast/Atherect (Begin 1995); Procedureone Vessel (Begin 2005); Contr Pulmon Arteriogram	39.50	00.40	88.43		Angiography with Pulmonary Balloon Angioplasty
Angioplast/Atherect (Begin 1995); Procedureone Vessel (Begin 2005); Insert 1 Vascular Stent (Begin 2005)	39.50	00.40	00.45		Angioplasty and Stenting, Porto-Portal

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Angioplast/Atherect (Begin 1995); Proceduretvo Vessels (Begin 2005)	39.50	00.41			Angioplasty with Stenting, Common Iliac and External Iliac Veins, Left
					Angioplasty, Common Iliac and External Iliac Veins, Left
					Angioplasty, Common Iliac and External Iliac Veins, Right
					Angioplasty, Subclavian and Innominate Vein, Right
Ankle Fusion; Ankle Fusion	81.11	81.11			Fusion, Quanta Varus, Ankles, Bilateral
Ankle Joint Biopsy; Skin & Subq Biopsy; Tibia & Fibula Biopsy	80.37	86.11	77.47		Biopsy, Ankle, Right
Ankle Structure Division	80.47				Capsulotomy, Ankle Joint, Left
					Repair, Contracture, Ankle, Left
					Repair, Contracture, Ankle, Right
Ankle Structure Division; Musc/Tend Lng Change Nec; Musc/Tend Lng Change Nec	80.47	83.85	83.85		Capsulotomies, Posterior Ankle with Tendo-Achilles Flexor Hallicus Longus, Flexor Digitorum Communis and Posterior Tibial Tendon Lengthenings, Bilateral
Ankle Synovectomy	80.77				Synovectomy, Ankle, Right
Anorectal Myomectomy	48.92				Resection, Rectus Muscle, Lateral
Anterior Chamber Inject	12.92				Injection, Silicone Oil, Eye, Anterior Chamber, Right
Anterior Rect Resect Nec	48.63				Resection, Low Anterior, Rectosigmoid Colon
Aorta Resection & Anast	38.34				Resection, Coarctation and Extended End to End Repair, Aorta
Aortailiacfemor Bypass	39.25				Thoracic Aorta, Left Common Femoral Artery Bypass Graft
Aortocor Bypas2 Cor Art	36.12				Carotid Artery Bypass Graft, External and Internal, Left
					Carotid Artery Bypass Graft, External and Internal, Right
Aortocoronary Bypass Nos	36.10				Coronary Artery Bypass Graft
Apicoectomy	23.73				Apicoectomy
					Removal, Root Tips
App/Administr Adhesion Barri (Begin 2002)	99.77				Placement, Vicryl Mesh Sling, Retroperitoneum
Appendicostomy	47.91				Malone Antegrade Continence Enema Procedure
Arterial Catheterization	38.91				Insertion, Arterial Line
					Placement, Arterial Catheter, Radial, Right
					Placement, Pulmonary Artery Catheter

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Arterioven Fistula Rep	39.53				Ligation, Arteriovenous Fistula, Femoral, Left
					Revision, Arteriovenous Fistula, Arm, Right
Arterioven Fistula Rep; Brain Meninge Repair Nec; Free Skin Graft Nec; Other Craniotomy	39.53	02.12	86.69	01.24	Repair, Dural Fistula, Orbit and Maxillary Sinus, Right with Dural Graft and Temporalis Graft by Craniotomy
Arterioven Fistula Rep; Muscle Or Fascia Graft; Other Craniotomy	39.53	83.82	01.24		Repair, Dural Fistula, Orbit, Right with Frontalis Muscle Rotation Flap by Craniotomy
Arterioven Fistula Rep; Occlude Leg Vein Nec; Surg Vessel Occlus Nec	39.53	38.89	38.80		Ligation, Multiple Arteriovenous Fistulas, Common Femoral Artery and Vein, Right
Arthrocentesis	81.91				Arthrocentesis (Aspiration), Knee Joint
					Arthrocentesis, Hip, Left
					Arthrocentesis, Hip, Right
					Arthrocentesis, Knee Joint, Left
					Aspiration, Hip Joint
					Aspiration, Knee
					Aspiration, Shoulder
Arthrodesis Of Hip	81.21				Fusion, Hip Joint, Right
Arthrodesis Of Knee	81.22				Fusion, Metaphyseal, Knee, Left
					Stabilization, Surgical, Knee Joint, Left
					Stabilization, Surgical, Knee Joint, Right
Arthroplasty Carpal W/O (Begin 1989)	81.75				Reconstruction, Volar Ligament, Wrist, Right
					Repair, Carpal Tunnel, Epicondylitis, Right
					Repair, Ligament, Wrist, Right
					Repair, Surgical, Wrist, Left
Arthroplasty Metacar W/O (Begin 1989)	81.72				Fixation, Internal with Screw, First Proximal Interphalangeal Joint, Hand, Right
Arthrot/Pros Removknee	80.06				Removal, Femoral Component, Knee Prosthesis, Left
					Removal, Femoral Component, Knee Prosthesis, Right
					Removal, Infected Prosthesis, Knee, Left
					Removal, Prosthesis, Knee
					Removal, Tibial Component Knee Prosthesis, Right
					Removal, Tibial Component, Knee Prosthesis, Left
Aspiration Of Breast	85.91				Aspiration, Needle, Abscess, Breast, Right
Aspiration Of Ovary	65.91				Aspiration, Cyst, Ovary, Left
					Aspiration, Cyst, Ovary, Right
					Aspiration, Ovary



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Aspiration Skin & Subq	86.01				Aspiration, Needle, Abscess, Forearm, Left
					Aspiration, Needle, Axillary Abscess, Right
					Aspiration, Needle, Cellulitis, Forearm, Right
					Aspiration, Needle, Lesion, Groin
					Aspiration, Needle, Lesion, Scalp
					Aspiration, Seroma, Groin, Right
					Aspiration/Drainage, Abscess, Neck
					Attempt, Aspiration, Pseudocyst, Abdomen
Aspiration Skin & Subq; Culture Nec	86.01	91.82			Aspirate, Fine Needle, and Culture, Abscess, Perianal
Atlasaxis Fusion; Excise Bone For Gft Nec; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.01	77.79	81.62		Fusion, Posterior Occipital C1-C3 with Autograft, Iliac Crest, Right
Atria Septa Def Rep Nec	35.71				Closure, Patent Foramen Ovale
					Repair, Atrial Septal Defect
Attach Pedicle Graft Nec	86.74				Cervicofacial Rotational Advancement Flap Closure
					Closure, Scalp Defect with Rotation Flap Graft, Left
					Closure, Surgical Wound, with Gastrocnemius Muscle Flap and Skin Graft, Lower Extremity, Left
					Closure, Wound, Groin, Left by Musculocutaneous Flap Graft
					Closure, Wound, by Reverse Abdominoplasty and Pectoralis Major Myocutaneous Flap, Chest Wall, Left
					Reconstruction, Chest Wall with Musculocutaneous Flap
					Repair with Local Tissue Advancement, Skin Defect, Chest Wall, Left
					Repair, Skin of Postauricular Region, Left with Rotation Flap
					Repair, Wound, Arm, Right with Latissimus Myocutaneous Pedicle Flap Graft
					Rotation Flap, Scalp
					Trapezius Myocutaneous Flap
Attach Pedicle Graft Nec; Dermal Regenerative Graft(Begin 1998)	86.74	86.67			Fasciocutaneous Flap Advancement and Closure, With Acellular Dermal Matrix, Thigh, Tight,
Augment Mammoplasty Nos	85.50				Augmentation, Breast, Right
					Mammoplasty, Augmentation
Augment Mammoplasty Nos; Augment Mammoplasty Nos	85.50	85.50			Mammoplasty, Augmentation, Bilateral
Augmentation Genioplasty; Syn Implant To Face Bone	76.68	76.92			Augmentation Chin, Implant
Aut Bone Marrow Trnsplnt (Begin 1988)	41.01				Transplant, Bone Marrow, Autologous

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Below Knee Amputat Nec	84.15				Amputation, Below the Knee, Left
					Amputation, Below the Knee, Right
Bilat Endos Occ Tube Nec	66.29				Fallopian Tubal Occlusion, Bilateral with Microinsert, Endoscopic
					Fulguration, Fallopian Tube, Bilateral by Laparoscopy
Bilat Ing Hernia Rep Nos	53.10				Herniorrhaphy, Inguinal, Bilateral
					Repair, Inguinal Hernia, Bilateral
Bilat Lung Transpl (Begin 1995)	33.52				Transplant, Lung, Bilateral
Bilat Rad Neck Dissect	40.42				Dissection, Selective, Neck, Bilateral
Bilat Reduct Mammoplasty	85.32				Mammoplasty, Reduction, Breast, Bilateral
Bilat Simple Mastectomy	85.42				Mastectomy, Bilateral
					Mastectomy, Prophylactic, Bilateral
					Mastectomy, Simple, Bilateral
					Mastectomy, Total, Bilateral
Bilat Simple Mastectomy; Mammoplasty Nec	85.42	85.89			Mastectomy, Bilateral with Breast Reconstruction
Bilat Subq Mammectom Nec	85.36				Mastectomy, Skin Sparing, Breast, Bilateral
Bilat Tubal Destruct Nec	66.39				Tubal Ligation
					Tubal Ligation, Bilateral
					Tubal Ligation, by Ring Device
Bilateral Breast Implant	85.54				Insertion, Implants, Breast, Bilateral
					Mammoplasty, Injection of Filler, Breast, Bilateral
					Reconstruction, Breast, Bilateral with Insertion, Implants
Bilateral Nephrectomy	55.54				Nephrectomy, Bilateral
					Nephrectomy, Partial, Bilateral
Bilateral Vulvectomy	71.62				Vulvectomy, Simple
Bile Duct Excision Nec	51.69				Resection, Common Bile Duct
Bile Duct Incision Nec	51.59				Drainage, Bile
Biopsy Of Diaphragm	34.27				Biopsy, Diaphragm
					Biopsy, Diaphragm, Right
Biopsy Of Diaphragm; Pleural Biopsy	34.27	34.24			Biopsy, Multiple Nodules, Diaphragmatic and Pleural Based
Bladder Les Destruct Nec	57.59				Debulking, Tumor, Bladder
Bladder Reconstruction	57.87				Augmentation, Urinary Bladder
					Reconstruction, Bladder with Ureteroileocecectoplasty

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Bladder Reconstruction; Intest Seg Isolat Nos	57.87	45.50			Augmentation, Bowel and Bladder
					Reconstruction, Urinary Bladder with Cecocystoplasty
Bladder Reconstruction; Lg Bowel Segment Isolat	57.87	45.52			Reconstruction, Urinary Bladder with Colocystoplasty, Sigmoid Colon
Bladder Reconstruction; Sm Bowel Segment Isolat	57.87	45.51			Creation, Iliac Neobladder
					Ileocystoplasty, Bladder Augmentation
Bladder Repair Nec	57.89				Repair, Urinary Bladder
					Suspension, Bladder
Blepharoptosis Repair Nec	08.36				Elevation, Brow, Right, Mediolateral
					Repair, Ptosis by Mullerectomy, Left
					Repair, Ptosis by Mullerectomy, Right
					Static Fascial Sling, Lower Eyelid, Right
Blepharoptosis Repair Nec; Blepharoptosis Repair Nec	08.36	08.36			Elevation, Brow, Bilateral
Blepharoptosis Repair Nec; Other Local Destruc Skin	08.36	86.3			Repair, Ptosis, by Fat Graft Debulking, Eye, Left
Blepharorrhaphy	08.52				Tarsorrhaphy, Complete, Right
					Tarsorrhaphy, Left
					Tarsorrhaphy, Multiple
					Tarsorrhaphy, Right
					Tarsorrhaphy, Temporary, Left
					Tarsorrhaphy, Temporary, Right
Blepharorrhaphy Severing	08.02				Tarsorrhaphy, Severing, Left
					Tarsorrhaphy, Severing, Right
Bone Biopsy Nec	77.49				Biopsy, Bone, Spine
					Biopsy, Core Needle, Lesion, Ilium, Left
					Biopsy, Excisional, Lesion, L5 Vertebra
					Biopsy, Iliac Crest, Left
					Biopsy, Ilium, Left
					Biopsy, Ilium, Right
					Biopsy, Incisional, Iliac Wing, Left
					Biopsy, Ischium, Right
					Biopsy, Mass, Iliac Crest, Right
					Biopsy, Mass, Iliac, Right
					Biopsy, Mass, Pelvic
					Biopsy, Mass, Pelvic, Lateral

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Bone Biopsy Nec	77.49				Biopsy, Mass, Pelvis, Left
					Biopsy, Mass, Pelvis, Right
					Biopsy, Mass, Presacral
					Biopsy, Mass, Presacral, Transrectal Approach
					Biopsy, Mass, Pubic Ramus, Left
					Biopsy, Mass, Sacrum, Left
					Biopsy, Mass, Sacrum, Right
					Biopsy, Mass, T10
					Biopsy, Needle, Mass, Pelvic
					Biopsy, Needle, Mass, Sacrum
					Biopsy, Needle, Mass, Suprapubic
					Biopsy, Needle, Percutaneous, Iliac Crest, Right
					Biopsy, Needle, Percutaneous, Sacrum
					Biopsy, Open Iliac Bone, Left
					Biopsy, Open, Acetabulum, Right
					Biopsy, Open, Iliac Crest, Right
					Biopsy, Open, Mass, Lumbar Spinal, Left
					Biopsy, Open, Pubic Bone
					Biopsy, Open, Pubic Bone, Left
					Biopsy, Open, Tumor, Superior Pubic Ramus, Right
					Biopsy, Pelvis
					Biopsy, Presacral Region
					Biopsy, Proximal Phalanx, Ring Finger, Right
					Biopsy, Sacral Ala, Right
					Biopsy, Spine, Cervical
					Biopsy, Vertebra
					Biopsy, Vertebra, L5
					Biopsy, Vertebral Body
Bone Biopsy Nec; Bone Biopsy Nec	77.49	77.49			Biopsy, Iliac Crest, Posterior, Bilateral
Bone Biopsy Nec; Other C.A.T. Scan	77.49	88.38			Biopsy, CT Guided, Lesion, Vertebra, T12
					Biopsy, CT Guided, T6 Vertebra
					Biopsy, Needle, CT Guided, Mass, Sacrum
Bone Biopsy Nec; Radius & Ulna Biopsy	77.49	77.43			Biopsy, Open, Iliac Crest, Anterior and Head of Radius, Right

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Bone Biopsy Nec; Skin & Subq Biopsy	77.49	86.11			Biopsies, Multiple, Bone and Soft Tissue, Lumbar Spine
					Biopsies, Multiple, Pelvic Region
Bone Biopsy Nec; Spinal Cord/Meninges Bx	77.49	03.32			Biopsy, Tumor, Spinal Intraepidural
Bone Biopsy Nos	77.40				Biopsy, Bone
Bone Division Nec	77.39				Osteotomy
					Osteotomy, Acetabulum, Left
					Osteotomy, Calcaneus, Left
					Osteotomy, Calcaneus, Right
					Osteotomy, Chiari Pelvic, Left
Bone Division Nec; Bone Division Nec; Bone Division Nec	77.39	77.39	77.39		Repair by Corrective Osteotomy, Hammertoe Deformity, 2, 3, and 4 Toe, Foot, Right
Bone Graft Nec	78.09				Autogenous Morselized, Vertebral Body T12-L3
Bone Graft Nec; Int Fixno Fx Reduct Nec	78.09	78.59			Reconstruction, Autograft with Internal Fixation, T5-L1
Bone Graft Nos	78.00				Bone Graft, Allogenic Material
					Graft, Bone
Bone Graft To Chest Cage	78.01				Repair with Bone Graft, Shoulder, Right
Bone Graft To Face Bone	76.91				Bone Graft, Maxilla
					Graft, Maxillary with Hydroxyapatite
					Reconstruction, Bone Graft, Mandible, Left
					Sinus Augmentation, Maxilla Bone, Left
Bone Graft To Face Bone; Oral Cavity Ops Nec	76.91	27.99			Graft, Hard Palate, Buccal Mucosa, Lower Front Gingiva
Bone Graft To Femur	78.05				Bone Graft, Percutaneous, Femur, Left
					Bone, Graft, Head of Femur, Left
					Bone, Graft, Head of Femur, Right
					Reconstruction, Defect, Lateral Femoral Condyle with Allograft, Knee
Bone Graft To Femur; Bone Graft To Femur	78.05	78.05			Bone Graft, Femur, Bilateral
Bone Graft To Femur; Excise Bone For Grft Nos	78.05	77.70			Bone Graft, Hip, Right
Bone Graft To Femur; Internal Fixationfemur	78.05	78.55			Reconstruction, Intercalary Allograft with Internal Fixation, Femur, Right
Bone Graft To Patella	78.06				Repair, Fracture, Tibia
Bone Graft To Skull	02.04				Graft, Bone, Skull
Bone Graft To Skull; Excise Bone For Grft Nos	02.04	77.70			Repair with Bone Graft, Dehiscence, Tegmen of Temporal Bone, Right by Craniotomy
Bone Graftmetatar/Tar	78.08				Grafting, Cuboid, Right

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Bone Graftradius/Ulna	78.03				Bone Grafting, Radius, Distal, Left
					Repair with Bone Graft, Wrist, Right
Bone Graftradius/Ulna; Oth Rad/Uln Repair/Plast	78.03	78.43			Reconstruction with Graft, Radius, Distal, Right
Bone Grafttibia/Fibula	78.07				Allograft, Bone
					Graft, Bone, Autogenous, Fibula, Left
					Graft, Bone, Defect, Tibia, Distal, Right
					Graft, Bone, Defect, Tibia, Proximal, Right
					Grafting, Bone, Defect, Tibia, Proximal, Left
Bone Grafttibia/Fibula; Aut Bone Marrow Trnsplnt (Begin 1988)	78.07	41.01			Bone Graft, Allograft and Bone Marrow Aspirate Autograft, Tibia, Left
Bone Grafttibia/Fibula; Int Fixationtibia/Fibul	78.07	78.57			Reconstruction, Autograft with Internal Fixation, Fibula, Right
					Reconstruction, Autograft with Internal Fixation, Tibia, Left
Bone Grafttibia/Fibula; Oth Tib/Fib Repair/Plast	78.07	78.47			Reconstruction, Composite Knee Prosthesis with Allograft, Tibia, Right
Bone Marrow Biopsy	41.31				Aspiration, Bone Marrow
					Aspiration, Bone Marrow, Iliac Crest
					Aspiration, Bone Marrow, Iliac Crest, Left
					Biopsy, Bone Marrow
					Biopsy, Bone Marrow, Iliac Crest, Anterior, Bilateral
					Bone Marrow Aspirate with Biopsy
Bone Marrow Trnsplnt Nos (Begin 1988)	41.00				Transplant, Bone Marrow
Bony Palate Biopsy	27.21				Biopsy, Tumor, Hard Palate
Bony Palate Biopsy; Uvula & Soft Palate Bx	27.21	27.22			Biopsy, Lesion, Palate
Botulism Antitoxin Admin	99.57				Injection, Botulin Toxin, Lateral Recti Muscle, Bilateral
					Injection, Botulin Toxin, Medial Rectus, Left
					Injection, Botulin Toxin, Medial Rectus, Right
Brain Lobectomy	01.53				Lobectomy, Temporal Lobe of Brain
					Lobectomy, for Resection of Scar Tissue, Occipital Lobe, Left
					Resection, Gross Total with Lobectomy, Tumor, Frontal Lobe, Right by Craniotomy
Brain Lobectomy; Brain Meninge Repair Nec	01.53	02.12			Lobectomy, Frontal Tip, Right of Frontal Brain, Left with Dural Patch Graft
Brain Lobectomy; Electroencephalogram	01.53	89.14			Lobectomy, Right Frontal with Electrocorticography
Brain Lobectomy; Other Craniotomy	01.53	01.24			Lobectomy, Occipital, Left by Craniotomy
					Lobectomy, Temporal Lobe, Left by Craniotomy

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Brain Meninge Repair Nec	02.12				Closure, Fistula, Meninges
					Graft, Dural, Porcine Pericardium
					Placement, Patch Graft, Dura
					Placement, Shunt, Ventricular to Cervical Spinal Canal (Torkelson Shunt)
					Repair, Defect, Dura with Allograft
					Repair, Dura
					Repair, Pseudomeningocele, Posterior Fossa
					Repair, Wound Dehiscence with CSF Leak, Skull, Posterior Fossa
Brain Meninge Repair Nec; Cranial Osteoplasty Nec	02.12	02.06			Duraplasty with Cranioplasty, Frontal Region
Brain Meninge Repair Nec; Nasal Sinus Dx Proc Nec	02.12	22.19			Repair, Endoscopic, Cerebrospinal Fluid Rhinorrhea, Left
Brain Meninge Repair Nec; Other Craniotomy	02.12	01.24			Repair, Defect, Dura with Craniotomy
Brain Meninge Repair Nec; Spinal Struct Repair Nec	02.12	03.59			Graft, Dural, Artificial
Brain Repair	02.92				Repair, Chiari I Malformation
Brain/Skull Contrst Xray	87.02				Cisternogram
					Ventriculogram, Cerebral
Breast Implant Removal	85.94				Removal Breast Implant with Capsulectomy, Right
					Removal, Implant, Breast, Left
					Removal, Implant, Breast, Right
Breast Implant Removal; Breast Implant Removal; Bilateral Breast Implant	85.94	85.94	85.54		Capsulectomy with Capsulorrhaphy and Implant Exchange, Breast, Bilateral
Breast Implant Revision	85.93				Capsulectomy and Capsulorrhaphy, Breast, Right
					Revision, Implant, Breast, Left
Breast Implant Revision; Breast Implant Removal	85.93	85.94			Removal, Implant, Breast, Bilateral
Breast Pedicle Graft; Breast Pedicle Graft	85.84	85.84			Reconstruction, Adjacent Tissue Transfer, Breast, Bilateral
Breast Tissu Destruc Nos	85.20				Excision, Mammary Duct
					Reexcision, Tissue, Breast, Left
Bunionectomy Nec	77.59				Bunionectomy, Bilateral
					Bunionectomy, Left
					Bunionectomy, Right
Bunionectomy Nec; Bunionectomy Nec	77.59	77.59			Repair, Hallux Valgus, Bilateral
Bunionectomy Nec; Int Fixationmetatar/Tar	77.59	78.58			Bunionectomy with Insertion Pins, First Metatarsal, Right
					Bunionectomy with Screw Fixation, First Metatarsal, Right
Bursectomy	83.5				Bursectomy, Subacromial, Shoulder, Left
Canaliculus Repair	09.73				Closure, Lacrimal Duct, Left
Cardiotomy; Cranial Puncture Nec	37.11	01.09			Removal, Hematoma, Ventricular

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Carpal Tunnel Release	04.43				Decompression, Median Nerve, Arm, Left
					Reattachment, Nerve, Thumb, Right
					Release, Carpal Tunnel
					Release, Carpal Tunnel, Right
Carpal Tunnel Release; Carpal Tunnel Release	04.43	04.43			Release, Carpal Tunnel, Bilateral
Cath Ablation Les Heart (Begin 1988)	37.34				Radiofrequency Ablation, Cardiac
Cath Ablation Les Heart (Begin 1988); Exc/Dest Hrt Les Thrspe (Begin 2010)	37.34	37.37			Ablation, Cardiac, for Arrhythmia
Cath Ablation Les Heart (Begin 1988); Thoracic Vessel Excision; Excise Diaphragm Lesion; Adrenal Lesion Excision	37.34	38.65	34.81	07.21	Resection, En Bloc, Mass, Atrial Wall, Inferior Vena Cava, Diaphragm, Adrenal Gland, Upper Pole Kidney Capsule, Right
Cath Drainpancreat Cyst	52.01				Drainage, Pseudocyst, Pancreas
Cautery To Stop Epistax	21.03				Cauterization, Nasal
Cde For Calculus Remov	51.41				Choledocholithotomy
Cecectomy	45.72				Ileocecectomy
					Resection, Cecum
Cecectomy; Peritoneal Lavage (Begin 1993)	45.72	54.25			Repair, Perforation, Cecum by Partial Cecectomy and Peritoneal Lavage by Laparoscopy
Cecectomy; Simp Exc Lymph Struc Nec	45.72	40.29			Resection, Terminal Ileum, Cecum, Portion Ascending Colon and Mesenteric Lymph Nodes
Cecectomy; Smalltolarge Bowel Nec	45.72	45.93			Resection, Ileocecal with Ileocolostomy
Cervical Biopsy Nec	67.12				Biopsy, Cervical
					Biopsy, Cervix
					Biopsy, Excisional, Mass, Cervical, Right
					Biopsy, Mass, Cervical Area, Lower, Right
					Biopsy, Polyp, Cervix
					Biopsy, Uterine Cervix
Cervical Les Cauterizat	67.32				Conization, Cold Knife, Cervix
					LEEP, Loop Electrosurgical Excision (Conization), Uterine Cervix
Cervical Les Cauterizat; Cervical Les Destruc Nec	67.32	67.39			Conization, Cold Knife and Curettage, Endocervical
Cervical Les Cryotherapy	67.33				Cryosurgery, Cervical
					Cryotherapy, Cervical
Cervical Les Cryotherapy; Cervical Biopsy Nec; Vaginoscopy	67.33	67.12	70.21		Cryotherapy, Cervical for Colposcopic Biopsy



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Cervical Les Destruc Nec	67.39				Ablation, Laser, Cervix
					Curettage, Endocervical
					Excision, Polyp, Endocervical
					Laser Surgery, Cervix
					Polypectomy, Cervix
					Resection, Gross Total, Mass, Cervix
					Resection, Mass, Cervical, Left
Cesarean Section Nos	74.99				Cesarean Section
Chalazion Excision	08.21				Excision, Chalazion, Eyelid, Left
					Incision and Drainage, Chalazion
Chalazion Excision; Chalazion Excision	08.21	08.21			Excision, Chalazion, Bilateral
Chest Cage Bone Biopsy	77.41				Biopsy with Needle Aspiration, Mass, Third Rib Area, Left
					Biopsy, 9th Rib, Right
					Biopsy, Excisional, Lesion, Clavicle, Left
					Biopsy, Excisional, Lesion, Scapula, Left
					Biopsy, Excisional, Mass, Parasternal, Left
					Biopsy, Excisional, Mass, Supraclavicular, Left
					Biopsy, Excisional, Mass, Supraclavicular, Right
					Biopsy, Fine Needle Aspirate, Mass, Suprasternal
					Biopsy, Fine Needle, Mass, Supraclavicular, Left
					Biopsy, Lesion, Rib, 4th, Right
					Biopsy, Lesion, Scapula, Right
					Biopsy, Mass, 10th Rib, Posterior, Left
					Biopsy, Mass, 10th Rib, Posterior, Right
					Biopsy, Mass, Clavicle, Left
					Biopsy, Mass, Scapula, Right
					Biopsy, Mass, Scapular Region, Left
					Biopsy, Mass, Sternum
					Biopsy, Mass, Supraclavicular, Left
					Biopsy, Mass, Supraclavicular, Right
					Biopsy, Mass, Thoracic
					Biopsy, Needle, 10th Rib, Posterior, Right
					Biopsy, Needle, Clavicle
					Biopsy, Needle, Clavicle, Right
					Biopsy, Needle, Mass, Thorax, Right

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Chest Cage Bone Biopsy	77.41				Biopsy, Needle, Scapula, Right
					Biopsy, Needle, Thorax, Right
					Biopsy, Rib
					Biopsy, Rib, Sixth, Right
					Biopsy, Rib, Tenth, Left
					Biopsy, Scapula, Left
Chest Cage Bone Biopsy; Other C.A.T. Scan	77.41	88.38			Biopsy, Core Needle, CT Guided, Scapula, Left
Chest Cage Bone Biopsy; Tot Chest Cage Ostectomy	77.41	77.91			Biopsy with Resection, Rib, 4th, Right
Chest Cage Bone Div Nec	77.31				Sternotomy
					Sternotomy, Medial
Chest Wall Biopsy	34.23				Biopsy, Chest Wall
					Biopsy, Chest Wall, Left
					Biopsy, Excisional, Chest Wall, Left
					Biopsy, Fine Needle, Lesion, Chest Wall
					Biopsy, Fine Needle, Mass, Chest Wall, Right
					Biopsy, Fine Needle, Mass, Chest, Right
					Biopsy, Mass, Anterior Chest Wall, Right
					Biopsy, Mass, Chest Wall, Posterior, Left
					Biopsy, Mass, Chest Wall, Posterior, Right
					Biopsy, Mass, Chest Wall, Right
					Biopsy, Needle, Mass, Chest
					Biopsy, Needle, Mass, Chest Wall, Left
					Biopsy, Nodule, Chest Wall, Right
					Biopsy, Open, Mass, Chest Wall
					Biopsy, Tru-Cut Needle, Mass, Chest Wall, Right
					Biopsy, Tumor, Chest Wall, Right
Cholecystotomy Nec	51.04				Lithotripsy, Gallbladder
Choledochenterostomy	51.36				Choledochojunostomy
Chorioret Les Laser Coag	14.24				Photocoagulation, Argon, Retinoblastoma, Eye, Left
Chorioretin Les Cryother	14.22				Cryopexy, Eye, Right
Circumcision	64.0				Circumcision
Cl Fx Reducfemur	79.05				Repair, Fractured Hip, Right
Cl Fx Reducfemur; Periosteal Suturefemur (Begin 1991)	79.05	78.15			Reduction, Closed with External Fixation, Fracture, Femur

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Cl Fx Reducfinger	79.04				Reduction, Fracture, Finger
					Repair, Fracture, Finger, Right
					Repair, Index Finger, Left
Cl Fx Reducfinger; Periosteal Suturefemur (Begin 1991)	79.04	78.15			Reduction, Closed with Manipulation and External Fixation, Fracture, Femur, Right
Cl Fx Reducmetacar/Car	79.03				Reduction, Closed, Fracture, Wrist, Left
					Reduction, Closed, Fracture, Wrist, Right
					Repair, Fracture, Finger, Left
					Repair, Fracture, Hand, Left
Cl Fx Reducmetatar/Tar	79.07				Reduction, Closed, Fracture, Metatarsal
					Reduction, Closed, Fracture, Subtalar Joint, Right
Cl Fx Reducradius/Ulna	79.02				Reduction, Closed, Fracture, Radius and Ulna, Left
					Reduction, Closed, Fracture, Radius and Ulna, Right
					Reduction, Closed, Fracture, Radius, Left
					Reduction, Fracture, Arm, Right
Cl Fx Reductibia/Fibula	79.06				Reduction, Closed, Fracture, Fibula and Tibia, Left
					Reduction, Closed, Fracture, Tibia, Left
					Reduction, Closed, Fracture, Tibia, Right
					Repair, Fracture, Ankle, Left
					Repair, Fracture, Ankle, Right
					Repair, Fracture, Tibia
Cl Redint Fix Metac/Car	79.13				Fixation with Pins, Fracture, Wrist, Left
					Fixation with Pins, Fracture, Wrist, Right
Cleft Palate Correction	27.62				Repair, Cleft Palate
Clipping Of Aneurysm	39.51				Clipping, Middle Cerebral Artery, Right
					Repair by Clipping, Aneurysm, Anterior Communicating Artery, Right by Craniotomy
Clipping Of Aneurysm; Other Craniotomy	39.51	01.24			Repair by Clipping, Aneurysm, Middle Cerebral Artery, Right by Craniotomy
Clos Cereb Meninges Bx; Spinal Cord/Meninges Bx	01.11	03.32			Biopsy, Dural
Clos Endosc Ureteral Bx (Begin 1987)	56.33				Biopsy, Ureter, Right
					Ureteroscopy with Biopsies, Ureter, Left

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Clos Endoscopic Lung Bx (Begin 1987)	33.27				Biopsy, Lobe of Lung, Lower, Left
					Biopsy, Lobe of Lung, Lower, Right
					Biopsy, Lobe of Lung, Middle, Right
					Biopsy, Lung
					Biopsy, Lung, Lateral Lobe, Right
					Biopsy, Lung, Left
					Biopsy, Lung, Right
					Biopsy, Nodule, Lobe of Lung, Middle, Right
					Biopsy, Nodule, Lobe of Lung, Upper, Left
Clos Large Bowel Biopsy	45.25				Biopsy, Ascending Colon
					Biopsy, Large Intestine
					Biopsy, Mass, Colon
					Biopsy, Mass, Upper Quadrant, Abdomen, Right
					Biopsy, Polyp, Descending Colon
					Biopsy, Polyp, Sigmoid Colon
					Colonoscopy with Biopsy, Descending Colon
					Colonoscopy with Biopsy, Sessile Lesions
					Colonoscopy with Biopsy, Transverse Colon
					Endoscopy and Colonoscopy with Biopsies
Clos Large Bowel Biopsy; Closed Gastric Biopsy	45.25	44.14			Biopsy, Sigmoid Colon and Stomach
Clos Large Bowel Biopsy; Closed Rectal Bx	45.25	48.24			Colonoscopy, Complete with Biopsy
Clos Mediastinal Biopsy	34.25				Biopsy, Core Needle, Mass, Mediastinum
					Biopsy, Fine Needle Aspirate, Mass, Mediastinum
					Biopsy, Fine Needle, Mass, Mediastinal, Right
					Biopsy, Mass, Anterior Mediastinum
					Biopsy, Mass, Mediastinal
					Biopsy, Mass, Mediastinum by Sternotomy
					Biopsy, Needle, Mass, Mediastinal
					Biopsy, Tumor, Mediastinum, Left
Clos Mediastinal Biopsy; Transpleura Thoracoscopy	34.25	34.21			Thoracoscopy with Biopsy, Mass, Mediastinum
					Thoracoscopy with Biopsy, Mass, Mediastinum, Anterior
Clos Mediastinal Biopsy; Transpleura Thoracoscopy; Thoracentesis	34.25	34.21	34.91		Thoracoscopy with Biopsy, Mass and Aspiration Cystic Fluid, Chest Wall

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Clos Periph Nerve Biopsy	04.11				Biopsy, Brachial Plexus, Left
					Biopsy, Closed, Mass, Optic Nerve Sheath
					Biopsy, Lesion, Basal Ganglia
					Biopsy, Sural Nerve, Left
Clos Small Bowel Biopsy	45.14				Biopsy, Duodenum
					Biopsy, Ileum
					Biopsy, Jejunum
					Biopsy, Multiple, Ileum, Right
					Biopsy, Small Bowel
					Biopsy, Small Bowel Mesentery
					Biopsy, Small Bowel Serosa
					Biopsy, Terminal Ileum
					Endoscopy, Gastrointestinal, with Biopsy of Gastrointestinal Mucosa
Clos Small Bowel Biopsy; Laparotomy Nec	45.14	54.19			Biopsy, Mass, Celiac, Left, by Laparotomy
					Biopsy, Mass, Celiac, by Laparotomy
Clos Thoracic Fistul Nec	34.73				Closure, Broncho-pleural Fistula, Upper Lobe, Left
					Closure, Fistula, With Pleural Based Flap, Lower Lobe, Lung, Right
Clos Transureth Bladd Bx	57.33				Biopsy, Bladder
					Biopsy, Mass, Bladder, Transrectal Approach
					Biopsy, Tumor, Bladder
					Biopsy, Tumor, Bladder, Lateral Wall, Right
					Cystoscopy with Biopsy, Bladder
Clos Transureth Bladd Bx; Closed Prostatic Bx	57.33	60.11			Cystoscopy with Biopsies, Mass, Bladder and Prostrate
Clos Transureth Bladd Bx; Laparotomy Nec	57.33	54.19			Biopsy, Bladder, by Laparotomy
Clos Uterine Ligament Bx (Begin 1987)	68.15				Biopsy, Broad Ligament
					Biopsy, Uterosacral Ligament, Left
Close Gastric Fistul Nec	44.63				Closure, Fistula, Gastrocutaneous
Close Rectal Fist Nec	48.73				Repair, Fistula, Rectum
Closed Adrenal Gland Bx	07.11				Biopsy, Core Needle, Mass, Adrenal Gland, Right
					Biopsy, Fine Needle, Mass, Adrenal Gland, Left
					Biopsy, Tumor, Adrenal, Left
Closed Adrenal Gland Bx; Open Adrenal Gland Bx	07.11	07.12			Biopsy, Adrenal Gland, Left
					Biopsy, Adrenal Gland, Right

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Closed Brain Biopsy	01.13				Biopsies, Multiple, Previous Craniotomy Site, Temporal Lobe, Right
					Biopsy, Brain
					Biopsy, Cerebral Subdural Cavity, Left
					Biopsy, Choroid Plexus
					Biopsy, Cyst, Posterior Fossa
					Biopsy, Endoscopic, Mass, Third Ventricle
					Biopsy, Excisional, Mass, Posterior Fossa
					Biopsy, Excisional, Tumor, Suprasellar Region by Transsphenoidal Approach
					Biopsy, Frontal Cortex
					Biopsy, Hippocampus
					Biopsy, Infratemporal Fossa, Left
					Biopsy, Infratemporal Fossa, Right
					Biopsy, Mass, Cerebellar Vermis
					Biopsy, Mass, Hypothalamus
					Biopsy, Mass, Temporal Lobe, Right
					Biopsy, Parietal Lobe
					Biopsy, Parietal Lobe, Right
					Biopsy, Posterior Fossa
					Biopsy, Splenium of Corpus Callosum
					Biopsy, Thalamus
					Biopsy, Tumor, Brainstem
					Biopsy, Tumor, Extradural, Left
					Biopsy, Tumor, Occipital Lobe, Left
					Biopsy, Tumor, Pons
					Biopsy, Tumor, Thalamus, Right
					Biopsy, Tumor, Third Ventricle
Closed Brain Biopsy; Closed Brain Biopsy	01.13	01.13			Biopsy, Vermis and Ventricle of Brain

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Closed Brain Biopsy; Immobiliz/Wound Attn Nec	01.13	93.59			Biopsy, Stereotactic, Abscess, Frontal Lobe, Left
					Biopsy, Stereotactic, Brain
					Biopsy, Stereotactic, Cystic Lesion, Suprasellar
					Biopsy, Stereotactic, Lesion, Temporal Lobe, Left
					Biopsy, Stereotactic, Mass, Cerebrum Internal Capsule, Right
					Biopsy, Stereotactic, Mass, Frontal Lobe, Right
					Biopsy, Stereotactic, Mass, Hypothalamic Region
					Biopsy, Stereotactic, Mass, Parietal Lobe, Right
					Biopsy, Stereotactic, Mass, Pons, Left
					Biopsy, Stereotactic, Mass, Posterior Fossa
					Biopsy, Stereotactic, Mass, Temporal Lobe, Left
					Biopsy, Stereotactic, Thalamus, Right
					Biopsy, Stereotactic, Tumor, Brainstem
					Biopsy, Stereotactic, Tumor, Brainstem by Suboccipital Approach, Left
					Biopsy, Stereotactic, Tumor, Frontal Lobe, Left
					Biopsy, Stereotactic, Tumor, Frontal Lobe, Right
					Biopsy, Stereotactic, Tumor, Midbrain
					Biopsy, Stereotactic, Tumor, Midbrain Tectal Plate Region
					Biopsy, Stereotactic, Tumor, Parietal Lobe, Left
					Biopsy, Stereotactic, Tumor, Suprasellar
					Biopsy, Stereotactic, Tumor, Temporal Lobe, Right
					Biopsy, Stereotactic, Tumor, Thalamus, Left
Closed Breast Bx	85.11				Biopsy, Breast
					Biopsy, Breast, Left
					Biopsy, Breast, Right
					Biopsy, Core Needle, Breast, Left
					Biopsy, Core Needle, Breast, Right
					Biopsy, Core, Breast, Retroareolar Region, Left
					Biopsy, Fine Needle, Breast, Right
					Biopsy, Fine Needle, Mass, Breast, Right
					Biopsy, Fine Needle, Nodule, Skin of Breast, Right
					Biopsy, Mass, Breast, Right
					Biopsy, Multiple, Core, Breast, Left
					Biopsy, Needle, Breast, Left

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Closed Breast Bx	85.11				Biopsy, Needle, Breast, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin, Breast, Left
					Biopsy, Shave, Lesion, Skin of Breast, Right
					Biopsy, Skin of Breast, Left
					Biopsy, Stereotactic, Breast, Right
Closed Breast Bx; Closed Breast Bx	85.11	85.11			Biopsy, Core Needle, Nipple, Bilateral
					Biopsy, Core, Multiple, Breast, Bilateral
Closed Breast Bx; Closed Breast Bx; Dx Ultrasoundthorax Nec; Dx Ultrasoundthorax Nec	85.11	85.11	88.73	88.73	Biopsy, Core Needle, Breast, Bilateral by Ultrasound Guidance
Closed Breast Bx; Dx Ultrasoundthorax Nec	85.11	88.73			Biopsy, Core Needle, Breast, Left by Ultrasound Guidance
					Biopsy, Core Needle, Breast, Right by Ultrasound Guidance
Closed Bronchial Biopsy	33.24				Biopsy, Bronchus, Right by Bronchoscopy
					Biopsy, Transbronchial
					Bronchoscopy and Bronchoalveolar Lavage, Bilateral
					Bronchoscopy and Bronchoalveolar Lavage, Right
					Bronchoscopy with Bronchial Lavage
					Bronchoscopy with Bronchoalveolar Lavage
					Bronchoscopy with Tracheo-Bronchial Lavage
					Bronchoscopy, Upper Lobe of Lung, Right
Closed Bronchial Biopsy; Endosc Destruc Bronc Les (Begin 1989)	33.24	32.01			Biopsy, Ablation, Laser, Endobronchial, Left by Bronchoscopy
Closed Fx Reduct Humerus	79.01				Reduction, Closed, Fracture, Humerus, Right
Closed Fx Reduction Nec	79.09				Repair, Fracture, Pelvis
Closed Gastric Biopsy	44.14				Biopsy, Endoscopic, Stomach
					Biopsy, Mass, Stomach
					Biopsy, Pyloric Antrum
					Endoscopic Biopsy, Multiple Mucosal, Gastric Antrum
Closed Gastric Biopsy; Sut Gastric Ulcer Site	44.14	44.41			Biopsy and Closure by Omental Graham Patch, Perforated Gastric Ulcer



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Closed Intraabd Mass Bx (Begin 1987)	54.24				Biopsy, Excisional, Mass, Retroperitoneum, Left
					Biopsy, Fine Needle, Mass, Abdomen, Left
					Biopsy, Fine Needle, Mass, Abdominal
					Biopsy, Fine Needle, Mass, Abdominal Cavity
					Biopsy, Fine Needle, Mass, Retroperitoneal
					Biopsy, Fine Needle, Percutaneous, Mass, Retroperitoneal, Left
					Biopsy, Mass, Abdomen, Right
					Biopsy, Mass, Abdominal Cavity
					Biopsy, Mass, Abdominal Cavity, Right
					Biopsy, Mass, Mesenteric
					Biopsy, Mass, Pelvic, Transrectal Approach
					Biopsy, Mass, Peritoneum
					Biopsy, Mass, Retroperitoneum
					Biopsy, Needle, Mass, Abdominal
					Biopsy, Omentum
					Biopsy, Pelvic Peritoneum
					Biopsy, Peritoneum
					Biopsy, Tumor, Abdomen
					Biopsy, Tumor, Abdominal Cavity
					Biopsy, Tumor, Around Celiac Axis
					Biopsy, Tumor, Peri-Celiac
Closed Intraabd Mass Bx (Begin 1987); Exploratory Laparotomy	54.24	54.11			Biopsy, Mass, Abdomen by Exploratory Laparotomy
Closed Intraabd Mass Bx (Begin 1987); Laparotomy Nec	54.24	54.19			Biopsy, Mass, Retroperitoneal, Right by Mini-Laparotomy
Closed Intraabd Mass Bx (Begin 1987); Ovarian Biopsy Nec; Laparotomy Nec	54.24	65.12	54.19		Biopsy, Peritoneal Implants, Peritoneal Fluid and Left Paraovarian Mass by Laparotomy
Closed Intraabd Mass Bx (Begin 1987); Peritoneal Biopsy	54.24	54.23			Biopsy, Adhesion, Peritoneal
Closed Intraabd Mass Bx (Begin 1987); Peritoneal Lavage (Begin 1993)	54.24	54.25			Biopsies, Peritoneal Implants, Cul-de-sac, Peritoneal Space, Left with Cytologic Washing

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Closed Liver Biopsy	50.11				Biopsy, Abscess, Liver
					Biopsy, Fine Needle, Lobe of Liver, Right
					Biopsy, Liver
					Biopsy, Liver, Percutaneous Approach
					Biopsy, Lobe of Liver, Left
					Biopsy, Lobe of Liver, Right
					Biopsy, Needle, Liver
					Biopsy, Needle, Liver, Percutaneous
					Biopsy, Needle, Liver, Percutaneous, Multiple
					Biopsy, Needle, Lobe of Liver, Left
					Biopsy, Needle, Lobe of Liver, Right
					Biopsy, Punch, Liver
					Biopsy, Tru-Cut Needle, Lobe of Liver, Left
Closed Liver Biopsy; Closed Liver Biopsy	50.11	50.11			Biopsy, Liver, Lobes, Bilateral
Closed Liver Biopsy; Dx Ultrasoundabdomen	50.11	88.76			Biopsy, Core Needle by Ultrasound Guidance, Liver
Closed Liver Biopsy; Laparotomy Nec	50.11	54.19			Biopsy, Liver, by Laparotomy
Closed Liver Biopsy; Other C.A.T. Scan	50.11	88.38			Biopsy, CT Guided, Liver
Closed Lung Biopsy	33.26				Biopsy, Core Needle, Lobe of Lung, Upper, Left
					Biopsy, Core Needle, Lobe of Lung, Upper, Right
					Biopsy, Fine Needle, Lobe of Lung, Upper, Right
					Biopsy, Fine Needle, Nodule, Lung, Left
					Biopsy, Needle, Lingula, Lung, Left
					Biopsy, Needle, Lobe of Lung, Lower, Left
					Biopsy, Needle, Lobe of Lung, Lower, Right
					Biopsy, Needle, Lobe of Lung, Upper, Left
					Biopsy, Percutaneous, Lung
Closed Lung Biopsy; C.A.T. Scan Of Thorax	33.26	87.41			Biopsy, Lung, Right, CT Guided, Transthoracic Approach
Closed Lung Biopsy; Other C.A.T. Scan	33.26	88.38			Biopsy, Needle, CT Guided, Lung, Right
					Biopsy, Needle, CT Guided, Nodule, Lung, Right

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Closed Pancreatic Biopsy	52.11				Biopsy, Needle, Nodule, Pancreas
					Biopsy, Needle, Pancreas
					Biopsy, Pancreas
Closed Pancreatic Biopsy; Dx Ultrasounddigestive	52.11	88.74			Biopsy, Fine Needle Aspiration, Pancreas by Panendoscopic Ultrasound
Closed Prostatic Bx	60.11				Biopsy, Core, Multiple, Prostate
					Biopsy, Mass, Prostate
					Biopsy, Prostate
					Biopsy, Prostate, Transcutaneous
Closed Prostatic Bx; Cystoscopy Nec	60.11	57.32			Cystoscopy with Biopsy, Transperineal Prostatic
Closed Prostatic Bx; Dx Ultrasound Nec	60.11	88.79			Biopsy, Prostate, Ultrasound Guided
Closed Rectal Bx	48.24				Biopsy, Ischiorectal Fossa
					Biopsy, Mass, Rectum
					Biopsy, Perirectal Tissue, Transrectal Approach
					Biopsy, Rectum
					Colonoscopy with Biopsy, Rectal Mucosa
					Proctoscopy with Biopsy
Closed Redint Fix Femur	79.15				Reduction, Closed and Internal Fixation, Surgical, Fracture, Femur with Intramedullary Nail, Right
Closed Renal Biopsy	55.23				Biopsy, Core Needle, Kidney, Left
					Biopsy, Fine Needle Aspiration, Mass, Suprarenal, Left
					Biopsy, Fine Needle, Kidney, Left
					Biopsy, Fine Needle, Kidney, Right
					Biopsy, Fine Needle, Mass, Kidney, Left
					Biopsy, Fine Needle, Mass, Kidney, Right
					Biopsy, Kidney
					Biopsy, Kidney, Left
					Biopsy, Kidney, Right
					Biopsy, Lesion, Kidney, Left
					Biopsy, Mass, Infrarenal, Right
					Biopsy, Mass, Kidney, Left
					Biopsy, Mass, Renal, Right
					Biopsy, Mass, Suprarenal
					Biopsy, Needle, Kidney
					Biopsy, Needle, Kidney, Left
					Biopsy, Needle, Kidney, Right

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Closed Renal Biopsy	55.23				Biopsy, Needle, Mass, Kidney, Left
					Biopsy, Needle, Percutaneous, Mass, Renal, Right
					Biopsy, Suprarenal Area, Right
					Biopsy, Tru-Cut, Kidney, Left
					Biopsy, Tru-Cut, Kidney, Right
Closed Renal Biopsy; Dx Ultrasoundurinary	55.23	88.75			Biopsy, Core Needle, Kidney, Right, by Ultrasound Guidance
					Biopsy, Kidney, Percutaneous, Ultrasound-guided
Closed Spleen Biopsy	41.32				Biopsy, Accessory Spleen
					Biopsy, Spleen
Closed Testicular Biopsy	62.11				Biopsy, Closed, Testicular, Left
					Biopsy, Fine Needle, Testicle, Right
					Biopsy, Testicle, Left
					Biopsy, Testicle, Right
					Biopsy, Testicular
Closed Testicular Biopsy; Closed Testicular Biopsy	62.11	62.11			Biopsy, Testicle, Bilateral
Closed Testicular Biopsy; Spermatic Cord/Vas Biops	62.11	63.01			Biopsies, Testicle and Epididymis, Left
Closed Thyroid Gland Bx	06.11				Biopsy, Fine Needle, Mass, Thyroid, Left
					Biopsy, Fine Needle, Thyroid
					Biopsy, Needle, Mass, Thyroid (Non-Diagnostic)
					Biopsy, Needle, Tumor Bed, Thyroid, Left
					Biopsy, Nodule, Thyroid
					Biopsy, Thyroid, Right
Closed Thyroid Gland Bx; Dx Ultrasound Nec	06.11	88.79			Biopsy, Fine Needle by Ultrasound Guidance, Nodule, Thyroid, Right
Closed Thyroid Gland Bx; Dx Ultrasoundhead/Neck	06.11	88.71			Biopsy, Fine Needle by Ultrasound Guidance, Nodule, Thyroid, Left
Closed Uterine Biopsy (Begin 1987)	68.16				Biopsy, Endometrium
					Biopsy, Mass, Uterus
					Biopsy, Uterus
Closed Uterine Biopsy (Begin 1987); Laparoscopy	68.16	54.21			Biopsy, Multiple, Uterus by Laparoscopy
Closure Of Mouth Fistula	27.53				Excision, Fistulas, Oral Cutaneous
					Repair, Fistula, Hard Palate
					Repair, Fistula, Soft Palate

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Clubfoot Release Nec	83.84				Correction, Equino-cavovarus Deformity, Left
					Correction, Talipes Equinovarus, Right
					Repair, Varus Deformity, Foot, Right
Clubfoot Release Nec; Clubfoot Release Nec	83.84	83.84			Evans Procedure, Ankles, Bilateral
					Repair, Club Feet, Bilateral
Coag Factor Transfusion	99.06				Injection, Gelfoam, True Vocal Cord, Right
Collaterl Lig Repair Nec; Knee Arthroscopy	81.46	80.26			Arthroscopy with Repair, Medial Collateral Ligament, Knee, Right
Colonoscopy	45.23				Colonoscopy
					Colonoscopy, Partial
Colonoscopy; Sm Bowel Endoscopy Nec	45.23	45.13			Endoscopy, Bowel
Colostomy Nos	46.10				Colostomy
					Colostomy, End, Descending Colon
					Colostomy, Ileotransverse
					Colostomy, Left
					Colostomy, Right
					Colostomy, Sigmoid
					Construction, Transverse Colon Conduit
					Creation, Mucous Fistula
Colostomy Nos; Part Lg Bowel Excis Nec	46.10	45.79			End sigmoid colostomy with Hartmann's procedure
Colostomy Nos; Sigmoidectomy	46.10	45.76			Colostomy, End Sigmoid with Hartmann Pouch
Common Duct Exploration	51.51				Drainage, T-Tube, Common Bile Duct
					Exploration with T-Tube Drainage, Common Bile Duct
					Exploration, Common Bile Duct
Complete Sialoadenectomy	26.32				Completion, Parotidectomy
Complete Thyroidectomy	06.4				Thyroidectomy, Completion, Left
					Thyroidectomy, Completion, Right
					Thyroidectomy, Total
Conduit Rt Ventpul Art	35.92				Atresia repair, Pulmonary Artery
Conization Of Cervix	67.2				Conization, Cervix
Conjunc Free Graft Nec	10.44				Repair with Autograft, Conjunctiva, Implant, Eye, Left
Conjunc/Lid Adhesiolysis	10.5				Symblepharon Release, Eye, Left

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Conjunctival Biopsy	10.21				Biopsy, Excisional, Lesion, Conjunctiva, Left
					Biopsy, Lesion, Conjunctiva, Left
					Biopsy, Lesion, Conjunctiva, Right
Conjunctival Op Nec; Revis ENUC Socket W Graft	10.99	16.63			Graft, Conjunctiva Mucosa, to Eye, Right
Conjunctivoplasty Nec	10.49				Conjunctival Flap, Gundersen, Left
					Conjunctival Flap, Gundersen, Right
					Conjunctivoplasty, Left
					Conjunctivoplasty, Right
					Reconstruction, Conjunctiva, Left
					Repair, Conjunctiva, Over Hydroxyapatite Implant, Eye, Right
Conjunctivoplasty Nec; 2nd Op Post Eye Rem Nec	10.49	16.69			Conjunctivoplasty with Orbital Implant, Left
Construction Ear Auricle	18.71				Reconstruction, Pinna, Ear, Right
Contr Cerebr Arteriogram	88.41				Angiography, Arteries, Head and Neck
					Arteriogram, Carotid, Bilateral
					Arteriogram, Carotid, Right
					Arteriogram, Cerebral
					Femoral Cerebral Angiogram
Contrast Arteriogram Nec; Occlude Arm Vessel Nec	88.49	38.83			Angiography with Embolization, Tumor Mass Vessels, Adrenal, Left
Contrast Arteriogram Nos	88.40				Fistulogram
Contrast Arteriogramleg	88.48				Angiography, Artery, Femoral, Left
					Arteriogram, Lower Extremity, Right
Contrast Arthrogram	88.32				Arthrogram, Hip, Right
Contrast Arthrogram; Contrast Arthrogram	88.32	88.32			Arthrogram, Hips, Bilateral
Contrast Renal Arteriogr	88.45				Arteriography, Renal
Cord/Epid/Vas Ops Nec	63.99				Excision, Spermatic Cord, Right
Corneal Repair Nec	11.59				Reconstruction, Cornea Repair, Eye, Left
					Repair, Cornea, Right
					Repair, Laceration, Cornea, Left
Corneal Repair Nec; Corneal Transplant Nos	11.59	11.60			Repair, Cornea, Left with Tissue Transplant

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Corneal Transplant Nos	11.60				Transplant, Cornea, Eye, Left
					Transplant, Cornea, Eye, Right
Coronary Arteriogram Nec; (Oth)rem Cor Art Obst(Nec) (Begin 1986); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	88.57	36.09	00.45	00.40	Arteriography and Angioplasty, with Stenting of Obtuse Marginal
Correct Lid Retraction	08.38				Recession, Levator Aponeurosis, Medial, Right
Correct Lid Retraction; Correct Lid Retraction	08.38	08.38			Repair, Lid Retraction, Eye Lid, Upper and Lower, Left
Correct Lid Retraction; Excise Minor Les Lid Nec	08.38	08.22			Repair, Lid Retraction with Recession of Entry Lid Retractors and Removal of Scar Tissue, Eyelid, Lower, Left
Correct Lid Retraction; Lid Reconstr W Graft Nec	08.38	08.69			Repair, Retraction, Lower Eyelid, Right with Resection of Retractors and Implantation of Alloderm Stump
Correct Ureteropelv Junc	55.87				Pyeloplasty, Extraperitoneal Approach
					Pyeloplasty, Left
Correct Ureteropelv Junc; Cystoscopy Nec	55.87	57.32			Pyeloplasty, Right by Cystourethroscopy
Cran Nerv Root Decom Nec	04.42				Decompression, Optic Nerve, Left
Cran Nerv Root Decom Nec; Other Craniotomy	04.42	01.24			Decompression, Optic Chiasm
Cranial Osteoplasty Nec	02.06				Correction of Craniosynostosis by Craniotomy
					Cranioplasty
					Cranioplasty, Acrylic
					Cranioplasty, Frontal Bone
					Cranioplasty, Mesh
					Cranioplasty, Parietotemporal Area, Right
					Cranioplasty, Titanium
					Reconstruction, Orbital Roof and Orbital Rim, Anterior, Left
					Reconstruction, Skull
					Repair Middle Cranial Fossa Floor with Titanium Mesh and HydroSet Bone Paste
					Replacement, Tissue, Flap, Skull, Left
					Revision of Cranioplasty, Frontal
					Revision, Wound, Skull, Left
Cranial Osteoplasty Nec; Attach Pedicle Graft Nec	02.06	86.74			Reconstruction, Orbit, Right with Horizontal Trapezius Myocutaneous Flap Graft
Cranial Osteoplasty Nec; Bone Graft To Face Bone; Excise Bone For Graft Nos	02.06	76.91	77.70		Reconstruction, Orbital Calvarium, Right with Autologous Bone Graft
Cranial Osteoplasty Nec; Cranial Osteoplasty Nec	02.06	02.06			Cranioplasty, Bilateral
Cranial Osteoplasty Nec; Cranial Osteoplasty Nec; Mandibular Reconst Nec; Bone Graft To Skull	02.06	02.06	76.43	02.04	Reconstruction, Orbit, Bilateral and Zygoma, Left with Cranial Bone Graft

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Cranial Osteoplasty Nec; Pedicle Graft/Flap Nos; Free Skin Graft Nec	02.06	86.70	86.69		Reconstruction, Orbital Roof, Right with Temporalis Flap and Vascularized Pericranial Graft with Titanium Mesh
Cranial Osteoplasty Nec; Remove Impl Device Nec	02.06	78.69			Revision, Wound, with Removal, Hardware, Occipital Region, Skull
Cranial Osteoplasty Nec; Revision Of Pedicle Graft; Skin Suture Nec	02.06	86.75	86.59		Removal, Bone Flap and Debridement with Reclosure, Wound, Suboccipital
Cranial Osteoplasty Nec; Skull Plate Insertion	02.06	02.05			Reconstruction, Orbital Floor and Anterior Oribtal Rim, Left with Synthes Titanium Plate and Titanium Mesh
Cranial Puncture Nec	01.09				Aspiration, Cyst, Brain
					Aspiration, Cyst, Cerebellum, Left
					Aspiration, Cyst, Midbrain
					Aspiration, Cyst, Posterior Fossa
					Aspiration, Cyst, Suprasellar Region
					Aspiration, Cyst, Suprasellar Region, Left
					Aspiration, Cyst, Suprasellar Region, Right
					Aspiration, Cyst, Suprasellar Region, by Craniotomy
					Aspiration, Cyst, Thalamus
					Aspiration, Fine Needle, Infratemporal Fossa
					Aspiration, Stereotactic, Cyst Contents, Suprasellar
					Aspiration, Stereotactic, Cyst, Thalamic, Left
					Aspiration, Subdural
					Drainage, Cyst, Suprasellar
					Drainage, Cystic Component of Hypothalamic Tumor
					Drainage, Empyema, Subdural, Right
					Drainage, Hematoma, Subdural, Left
					Drainage, Hematoma, Subdural, Right
Cranial Puncture Nec; Excise Skull Lesion; Exc Les Soft Tissue Nec	01.09	01.6	83.39		Dissection, Temporal Fossa and Lateral Pharyngeal Space with Tumor Removal
Cranial Puncture Nec; Immobiliz/Wound Attn Nec	01.09	93.59			Aspiration, Cyst, Suprasellar Region by Stereotactic Neuroendoscopic Approach
					Drainage, Stereotactic, Cyst, Thalamus, Left
					Drainage, Stereotactic, Tumor, Midbrain
Cranial Puncture Nec; Other Craniectomy	01.09	01.25			Incision and Drainage, Abscess, Brain with Removal, Bone Flap
Creat Esophagastr Sphinc	44.66				Fundoplication, Nissen
Create Cutanperiton Fist	54.93				Insertion, Dialysis Catheter, Peritoneum
Crown Application	23.41				Dental Restoration, Crown
					Restoration with Stainless Steel Crowns, Primary Teeth



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Cruciate Lig Repair Nec	81.45				Reconstruction, Cruciate Ligament, Anterior, Knee, Left
					Reconstruction, Cruciate Ligament, Anterior, Knee, Right
					Repair, Cruciate Ligament, Anterior, Knee, Right
					Repair, Cruciate Ligament, Anterior, Left
					Repair, Cruciate Ligament, Anterior, Left Due to Injury
Cruciate Lig Repair Nec; Collaterl Lig Repair Nec	81.45	81.46			Repair, Ligament, Knee
					Repair, Surgical, Ligaments, Knee, Left
Cruciate Lig Repair Nec; Collaterl Lig Repair Nec; Knee Arthroscopy	81.45	81.46	80.26		Arthroscopy with Repair, Ligamentous Injury, Knee, Left
Cruciate Lig Repair Nec; Cruciate Lig Repair Nec; Knee Arthroscopy	81.45	81.45	80.26		Arthroscopy with Repair, Ligamentous Injury, Knee, Right
Culdesac Biopsy	70.23				Biopsy, Cul-De-Sac
Culdesac Operation Nec	70.92				Repair, Enterocoele
Culdotomy	70.12				Drainage, Fluid, Pelvic, Left
					Drainage, Fluid, Pelvic, Right
Cultureent/Larynx	90.32				Culture, Drainage, Maxillary and Ethmoid Sinuses
Cv Cath Plcmt W Guidance (Begin 2010)	38.97				Splenic and Portal Vein Access, Percutaneous, Ultrasound-Guided
Cyclocryotherapy	12.72				Cyclocryotherapy, Eye, Right
Cystocele Repair	70.51				Repair, Cystocele
					Revision, Cystocele Repair
Cystoscopy Nec	57.32				Cystoscopy
					Cystoscopy, Video-Assisted
					Cystourethroscopy
Cystoscopy Nec; (Oth) Prosigmoidoscopy (Begin 1980); Vaginoscopy	57.32	48.23	70.21		Examination Under Anesthesia with Cystoscopy, Proctoscopy and Vaginoscopy
Cystoscopy Nec; Closed Prostatic Bx	57.32	60.11			Cystoscopy with Biopsy, Transurethral, Prostatic
Cystoscopy Nec; Inject/Infuse Nec	57.32	99.29			Cystoscopy with Botox Injection, Multiple
					Cystourethroscopy with Botox Injection
Cystoscopy Nec; Los Excis Prostatic Les	57.32	60.61			Cystoscopy with Resection, Transurethral, Tumor, Prostate
Cystoscopy Nec; Other Gu Instillation	57.32	96.49			Cystoscopy with Instillation of Formalin
					Cystoscopy with Instillation of Silver Nitrate
					Cystoscopy, with Bladder Irrigation

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Cystoscopy Nec; Remov Ureteral Drain	57.32	97.62			Cystoscopy with Removal, Stent, Ureter, Left
					Cystoscopy with Removal, Stent, Ureter, Right
Cystoscopy Nec; Therapeut Distent Bladd	57.32	96.25			Cystoscopy with Bladder Distention
Cystoscopy Nec; Tu Remov Ureter Obstruct	57.32	56.0			Cystoscopy with Stone Extraction, Ureter, Left
					Cystoscopy with Stone Extraction, Ureter, Right
Cystoscopy Nec; Ureteral Catheterization	57.32	59.8			Cystoscopy with Placement Ureteral Stent, Right
					Cystoscopy with Placement of Ureteral Stent, Left
Cystoscopy Nec; Urethral Dilation	57.32	58.6			Cystoscopy and Urethral Dilation
Cystostomy (Begin 1980 End 1989)	57.21				Externalization, Urinary Bladder with Mitroffinoff Catheterizing Stoma
					Vesicostomy, Cutaneous
Cystostomy Closure	57.82				Closure, Cystostomy
Cystotomy Nec	57.19				Cystotomy
					Removal, Foreign Body, Bladder
Cystotomy Nec; Bladder Operation Nec	57.19	57.99			Cystotomy with Bladder Packing
Cystotomy Nec; Remov Urin Drainage Nec	57.19	97.64			Removal, Catheter, Suprapubic Bladder
D & C Nec	69.09				Curettage, Endometrium
					Dilatation and Curettage, Placenta
					Dilation and Curettage
					Dilation and Curettage, Cervical
					Dilation and Curettage, Uterine
					Dilation and Evacuation, Uterine
Dacryocystorhinostomy	09.81				Dacryocystorhinostomy
					Dacryocystorhinostomy, Right
Dacryocystorhinostomy; Dacryocystorhinostomy; Lac Canaliculi Probe; Lac Canaliculi Probe	09.81	09.81	09.42	09.42	Dacryocystorhinostomy with Placement Quikkert Lacrimal Duct Tube, Bilateral
Decortication Of Lung	34.51				Decortication, Pleural
Decortication Of Lung; Puncture Of Lung	34.51	33.93			Decortication with Debridement, Lung, Left
Delay Opening Ileostomy	46.24				Ileostomy, Delayed Opening
Dental Restoration Nec	23.49				Dental Restoration
					Dental Restoration, Multiple
					Reconstruction, Dental, Multiple
					Restoration, Dentistry, Full Mouth
					Surgery, Periodontal
Dermabrasion	86.25				Removal, Tattoo, Bilateral Arms by Dermabrasion

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Dermal Regenerative Graft(Begin 1998)	86.67				Allograft, Dermal, Fistula, Rectovaginal
					Closure with Alloderm, Wound, Lower Extremity, Right
					Placement, Integra Wound Matrix, Foot, Left
					Reconstruction, Cheek, Left with Alloderm Patch
Destr Sm Bowel Les Nec; Gi Ostomy Irrigation	45.34	96.36			Debridement and Cauterization, Jejunostomy Tube
Destr Sm Bowel Les Nec; Intestinal Anastom Nos	45.34	45.90			Resection, Multiple, Small Bowel with Reanastomosis
Destroy Fallop Tube Les	66.61				Excision, Cyst, Fallopian
Destroy Fallop Tube Les; Destroy Fallop Tube Les	66.61	66.61			Excision, Cyst, Fallopian Tube, Bilateral
Destroy Loc Lung Les Nec	32.29				Biopsy, Excisional, Lung, Upper Right
					Excision, Bleb, Upper Lobe, Lung, Left
					Excision, Wedge, Lobe of Lung, Middle, Right
					Resection, Apical Blebs, Lung, Left
					Resection, Mass, Apical Lung, Right
					Resection, Mass, Lobe of Lung, Upper, Right
					Resection, Nodule, Lobe of Lung, Lower, Left by Transdiaphragmatic Approach
					Resection, Nodule, Lobe of Lung, Upper, Left
					Resection, Nodule, Lung, Left, by Thoracotomy
					Resection, Nodule, Middle Lobe of Lung, Right
					Resection, Nodules, Lung, Right by Thoracotomy
					Resection, Nodules, Upper and Lower Lobes of Lung, Right by Thoracotomy
					Resection, Subtotal, Tumor, Lung, Left
					Resection, Wedge, Lesion, Upper Lobe of Lung, Right by Thoracotomy
					Resection, Wedge, Lobe of Lung, Lower, Left
					Resection, Wedge, Lobe of Lung, Lower, Left by Thoracotomy
					Resection, Wedge, Lobe of Lung, Lower, Right
					Resection, Wedge, Lobe of Lung, Lower, Right by Thoracotomy
					Resection, Wedge, Lobe of Lung, Middle, Right
					Resection, Wedge, Lobe of Lung, Superior Segment, Lower, Right
					Resection, Wedge, Lobe of Lung, Superior Segment, Upper, Right and Lobe of Lung, Posterior Segment, Lower Right by Thoracotomy
					Resection, Wedge, Lobe of Lung, Upper and Lower, Left by Thoracotomy
					Resection, Wedge, Lobe of Lung, Upper, Left
					Resection, Wedge, Lobe of Lung, Upper, Right

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Destroy Loc Lung Les Nec	32.29				Resection, Wedge, Lung
					Resection, Wedge, Mass, Upper Lobe of Lung, Left, by Thoracotomy
					Resection, Wedge, Multiple, Lung, Left
					Resection, Wedge, Nodule, Basilar Segment, Lobe of Lung, Lower, Right
					Resection, Wedge, Nodule, Lobe of Lung, Lower
					Resection, Wedge, Nodule, Lobe of Lung, Lower, Left by Thoracotomy
					Resection, Wedge, Nodule, Lobe of Lung, Upper, Right
					Resection, Wedge, Nodule, Lung by Thoracotomy, Posterolateral, Left
					Resection, Wedge, Nodule, Lung, Right by Thoracotomy
					Resection, Wedge, Nodule, Posterior Segment, Lobe of Lung, Upper, Right
					Resection, Wedge, Nodules, Lobe of Lung, Upper and Lower, Left by Thoracotomy
					Resection, Wedge, Nodules, Lobe of Lung, Upper and Lower, Right by Thoracotomy
					Resection, Wedge, Nodules, Lung, Left by Thoracotomy
					Resection, Wedge, Pulmonary Nodule, Apical Upper Lobe, Left
					Resection, Wedge, Pulmonary Nodules
					Resection, Wedge, Tumor Mass, Upper Lobe of Lung, Left by Thoracotomy
					Resection, Wedge, Upper Lobe, Left
					Resections, Wedge, Multiple, Lung, Left by Thoracotomy
					Resections, Wedge, Multiple, Lung, Right by Thoracotomy
					Thoracotomy for Wedge Resection, Lower Lobe of Lung, Left
					Thoracotomy for Wedge Resection, Lower Lobe of Lung, Right
Destroy Loc Lung Les Nec; Incision Of Chest Wall	32.29	34.01			Excision, Lesion and Wedge Resection, Lung, Right by Thoracotomy
					Excision, Lesion, Lung, Left by Thoracotomy
					Excision, Wedge, Mass, Lingula of Lung, Left by Thoracotomy
					Resection, Gross, Mass, Thoracic, Right by Thoracotomy
Destroy Loc Lung Les Nec; Simp Exc Lymph Struc Nec	32.29	40.29			Excision, Tumor Mass, Pulmonary Hilum/Aortopulmonary Lymph Nodes, Left by Thoracotomy

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Destruc Hepatic Les Nec	50.29				Drainage, Cyst, Liver
					Excision, Cyst, Lobe of Liver
					Excision, Mass, Lobe of Liver
					Resection, Mass, Liver
					Resection, Multiple, Nodules, Liver
					Resection, Nodule, Middle Lobe of Liver, Right
					Resection, Subtotal, Hepatoblastoma, Lobe of Liver, Right
					Resection, Tumor, Liver
Destruc Hepatic Les Nec; Choledochenterostomy	50.29	51.36			Resection, Mass, Portahepatis, Common Bile Duct with Roux-en-Y Hepaticojejunostomy
Destruc Lg Bowel Les Nec	45.49				Electrocoagulation, Polyp, Sigmoid Colon
Destruc Uter Support Nec	69.19				Resection, Mass, Broad Ligament, Uterus, Right
Destruc Uter Support Nec; Destruc Uter Support Nec	69.19	69.19			Ablation, Laparoscopic, Uterosacral Nerve
Destruc Uter Support Nec; Destruct Peritoneal Tiss; Laparoscopy	69.19	54.4	54.21		Excision, Mass, Adnexal, Left and Peritoneal Implants by Laparoscopy
Destrucankle Lesion Nec	80.87				Decompression, Core, Ankle, Left
					Decompression, Core, Ankle, Right
Destrucankle Lesion Nec; Radical Excis Skin Les; Exc Les Soft Tissue Nec	80.87	86.4	83.39		Excision, Wide, Mass, Ankle, Left
Destrucelbow Lesion Nec	80.82				Biopsy, Excisional, Elbow, Left
					Debridement, Elbow, Right
					Excision, Osteochondroma, Elbow, Right
					Reexcision, Tumor Bed, Elbow, Left
Destrucelbow Lesion Nec; Other Local Destruc Skin	80.82	86.3			Excision, Lesion, Elbow, Left
Destrucelbow Lesion Nec; Other Local Destruc Skin; Exc Les Soft Tissue Nec	80.82	86.3	83.39		Excision, Mass, Elbow, Right
Destrucelbow Lesion Nec; Radical Excis Skin Les; Exc Les Soft Tissue Nec	80.82	86.4	83.39		Excision, Wide, Mass, Elbow, Right
Destrucfoot Jt Les Nec	80.88				Excision, Bone Spur, Foot, Left
					Excision, Bone Spur, Foot, Right
					Irrigation and Debridement, Foot
Destrucfoot Jt Les Nec; Other Local Destruc Skin	80.88	86.3			Excision, Lesion, Second Toe, Left
					Excision, Mass, Foot
					Excision, Mass, Foot, Left

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Destrucfoot Jt Les Nec; Other Local Destruc Skin; Exc Les Soft Tissue Nec	80.88	86.3	83.39		Excision, Cyst, Foot, Right
					Excision, Subtotal, Mass, Foot, Right
					Excision, Tumor, Foot, Right
Destrucfoot Jt Les Nec; Radical Excis Skin Les; Exc Les Soft Tissue Nec	80.88	86.4	83.39		Excision, Wide, Mass, Foot, Left
Destruchand Jt Les Nec; Other Local Destruc Skin	80.84	86.3			Excision, Lesion, Thumb, Right
					Excision, Mass, Hand, Left
					Excision, Mass, Hand, Right
					Excision, Mass, Thumb, Left
Destruchand Jt Les Nec; Other Local Destruc Skin; Loc Exc Bone Lesion Nec	80.84	86.3	77.69		Excision, Mass, 4th Finger, Distal, Left
Destruchand Jt Les Nec; Radical Excis Skin Les; Exc Les Sft Tiss Hnd Nec	80.84	86.4	82.29		Excision, Wide, Mass, Thumb, Left
Destrucshoulder Les Nec	80.81				Decompression, Core, Shoulder, Left
					Decompression, Core, Shoulder, Right
					Excision, Bone Spur, Shoulder, Left
					Resection, Enchondroma, Shoulder, Left
Destrucshoulder Les Nec; Destrucshoulder Les Nec	80.81	80.81			Decompression, Core, Shoulder, Bilateral
Destrucshoulder Les Nec; Pedicle Graft Advancemen	80.81	86.72			Debridement, Shoulder, Left with Anterior/Posterior Flap Advancement Reconstruction
Destrucshoulder Les Nec; Radical Excis Skin Les; Exc Les Soft Tissue Nec	80.81	86.4	83.39		Excision, Wide, Mass, Shoulder, Left
Destrucshoulder Les Nec; Shoulder Arthroscopy	80.81	80.21			Arthroscopy with Debridement, Shoulder, Left
Destruct Abd Wall Lesion	54.3				Ablation, Laser, Granulation Tissue, Jejunal Tube Site (Abdominal Wall)
					Excision, Cyst, Abdominal Wall
					Excision, Endometrioma, Abdomen
					Excision, Hemangioma, Abdomen
					Excision, Mass, Abdominal Wall, Anterior
					Excision, Mass, Abdominal Wall, Lower Quadrant, Left
					Excision, Wide Local, Abdominal Wall
					Excision, Wide, Abdominal Wall Wound Site, Anterior, Right
					Excision, Wide, Biopsy Site, Abdominal Wall, Lower, Left
					Removal, Abscess, Abdominal Wall, Left
					Removal, Desmoid Tumor, Abdominal Wall
					Resection, Abdominal Wall, Left
					Resection, En Bloc, Abdominal Wall

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Destruct Abd Wall Lesion	54.3				Resection, Gross Total, Tumor, Abdomen
					Resection, Mass, Abdominal, Right
					Resection, Mass, Upper Quadrant, Abdomen, Left
					Resection, Residual Tumor, Abdomen, Left
					Resection, Tumor, Pelvic, Right
Destruct Abd Wall Lesion; Abdomen Wall Repair Nec	54.3	54.72			Resection, Abdominal Wall, Anterior with Repair, Prosthetic Patch
Destruct Abd Wall Lesion; Laparotomy Nec	54.3	54.19			Excision, Mass, Abdominal Wall, By Laparotomy
Destruct Chest Wall Les	34.4				Excision, Hemangioma, Chest Wall, Left
					Excision, Lesion, Chest Wall
					Excision, Mass, Chest Wall, Anterior, Right
					Excision, Mass, Chest Wall, Left
					Excision, Mass, Chest Wall, Right
					Excision, Neurofibroma, Chest Wall, Anterior
					Excision, Subcutaneous Nodule, Chest Wall, Bilateral
					Excision, Subtotal, Mass, Chest Wall, Left
					Reexcision, Chest Wall, Right
					Resection, Chest Wall Mass with Partial Rib Resection, 6th-8th, Right
					Resection, En Bloc, Mass, Chest Wall, Ribs, Right by Thoracotomy
					Resection, En Bloc, Tumor, Chest Wall, 2nd, 3rd, 4th, 5th Ribs, Right by Thoracotomy
					Resection, Mass, Chest Wall
					Resection, Mass, Chest Wall, Posterior, Right
					Resection, Mass, Intrathoracic, Right by Thoracotomy
					Resection, Mass, Soft Tissue, Chest Wall, Posterior, Right
					Resection, Partial, Mass, Supraclavicular Chest Wall, Right
					Resection, Subtotal, Mass, Chest, Left by Thoracotomy
					Resection, Wide, Mass, Supraclavicular Chest Wall
Destruct Chest Wall Les; Bone Incis W/O Div Nec	34.4	77.19			Excision, Wide Local, Chest Wall, Anterior, Left including Periosteum of 3 Ribs
Destruct Chest Wall Les; Destruct Chest Wall Les	34.4	34.4			Excision, Neurofibromas, Chest Wall, Bilateral

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Destruct Chest Wall Les; Incision Of Chest Wall	34.4	34.01			Excision, Tumor, Chest Wall by Thoracotomy, Left
					Resection, Gross Total, Mass, Chest, Left by Thoracotomy
Destruct Chest Wall Les; Oth Chest Cage Ostectomy; Oth Chest Cage Ostectomy	34.4	77.81	77.81		Resection, Chest Wall, Right, Including Portions of 5th and 6th Ribs
Destruct Chest Wall Les; Other Chest Wall Repair	34.4	34.79			Excision, Wide Local with Closure, Chest Wall Tract, Right
Destruct Chest Wall Les; Tot Chest Cage Ostectomy	34.4	77.91			Excision, Mass, Chest Wall, Right With Rib Resection
					Resection, Mass, Chest Wall, Left with Rib Resection
Destruct Cornea Les Nec	11.49				Debridement, Eye, Right
					Excision, Partial, Scar, Cornea, Right
					Keratectomy, Superficial Lamellar, Eye, Left
					Scraping, Cornea, Eye, Right
Destruct Cornea Les Nec; Corneal Transplant Nec	11.49	11.69			Keratectomy, Superficial with Amniotic Membrane Placement, Eye, Right
Destruct Ext Ear Les Nec	18.29				Electrodesiccation and Curettage, Ear Canal, Left
					Electrodesiccation and Curettage, Skin of Ear, Left
					Electrodesiccation and Curettage, Skin of Ear, Right
					Excision, Basal Cell Carcinoma, Ear, Left
					Excision, Basal Cell Carcinoma, Ear, Right
					Excision, Basal Cell Carcinoma, Skin of Ear, Right
					Excision, Basal Cell Carcinoma, Skin of Postauricular Region, Left
					Excision, Basal Cell Carcinoma, Skin of Postauricular Region, Right
					Excision, Cyst, Ear, Right
					Excision, Cyst, Epidural Inclusion, Posterior Auricular
					Excision, Keloid Scar, Ear, Right
					Excision, Lesion, Ear
					Excision, Lesion, Skin of Ear, Left
					Excision, Mass, Post Auricular Area
					Excision, Mass, Postauricular Region, Left
					Excision, Nevus, Preauricular Facial Area, Right
					Excision, Nevus, Skin of Ear, Right
					Excision, Skin Tag, Preauricular, Right
					Excision, Surgical Scar, Ear, Right
					Excision, Verruca, Ear
					Excision, Wedge, Cartilage, Skin and Mass, Ear, Right
					Excision, Wide Local, Skin of Postauricular Region, Right



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Destruct Ext Ear Les Nec	18.29				Mohs Micrographic Surgery, Lesion, Ear, Left
					Polypectomy, Ear, Right
					Re-excision, Keloid Scar, Posterior Auricular, Right
					Re-excision, Lesion, Skin of Postauricular Region, Left
					Reexcision, Basal Cell Carcinoma, Earlobe, Right
					Removal, Granulation Tissue, Ear
					Resection, Gross Total, Mass, Ear, Right
					Resection, Gross Total, Tumor, External Auditory Canal, Right
Destruct Ext Ear Les Nec; Destruct Ext Ear Les Nec	18.29	18.29			Debridement, Ears, Bilateral
Destruct Ext Ear Les Nec; Lid Reconstr W Graft Nec	18.29	08.69			Graft, Autogenous, Ear Cartilage to Eyelid, Lower, Left
Destruct Facial Bone Les	76.2				Curettage, Bone, Maxilla, Right
					Curettage, Cemento-Ossifying Fibroma, Mandibular, Left
					Enucleation, Odontogenic Cyst, Mandibular, Posterior, Left
					Enucleation, Odontogenic Cyst, Maxillary Sinuses
					Excision, Cyst, Mandible, Left
					Excision, Cyst, Mandible, Right
					Excision, Mass, Mandible, Left
					Excision, Mass, Mandible, Right
					Excision, Mass, Maxillary
					Excision, Tumor, Maxilla, Right
					Resection, En Bloc, Juvenile Cemento-Ossifying Fibroma, Mandibular, Left
					Resection, En Bloc, Zygoma
					Resection, Repeat, Aggressive Juvenile Ossifying Fibroma, Mandibular, Left
Destruct Facial Bone Les; Attach Pedicle Graft Nec	76.2	86.74			Debridement with Rotation Flap Graft, Wound, Orbit, Right
Destruct Facial Bone Les; Other Craniotomy	76.2	01.24			Resection, Orbital Roof Defect, Right by Craniotomy
Destruct Facial Bone Les; Pedicle Graft Advancemen	76.2	86.72			Debridement with Advancement Flap Closure, Necrotic Tissue and Bone, Wound, Orbit, Right
Destruct Joint Les Nos	80.80				Closure, Fistula, Synovial Joint, Left

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Destruct Larynx Les Nec	30.09				Ablation, Laser, Mass, Vocal Cord
					Excision, Laser, Granuloma, Subglottis
					Excision, Lesion, False Vocal Cord, Left
					Excision, Nodule, Vocal Cord
					Excision, Papillomata, Laryngeal
					Excision, Scar Tissue, Vocal Cord
					Polypectomy, Vocal Cords
					Removal, Mass, Laryngeal
					Resection, Subtotal, Mass, Supraglottic, Left
					Vaporization, Laser, Papillomata, Laryngeal
Destruct Larynx Les Nec; Laryngoscopy/Tracheoscop	30.09	31.42			Resection, Mass, Larynx by Laryngoscopy
Destruct Mediastin Les	34.3				Dissection, Mass, Mediastinal
					Excision, Mass, Mediastinum
					Excision, Mass, Mediastinum, Posterior
					Excision, Neuroblastoma, Mediastinum, Posterior
					Excision, Tumor, Mediastinal, Posterior
					Resection, Subtotal, Mass, Mediastinal
					Resection, Tumor Mass, Mediastinum, Anterior, Left by Thoracotomy
					Resection, Tumor, Mediastinum, Posterior by Thoracotomy, Left
					Resection, Tumor, Mediastinum, by Thoracotomy, Right
					Resection, Tumor, Posterior Mediastinum, Right by Thoracotomy
Destruct Mediastin Les; Destruct Peritoneal Tiss	34.3	54.4			Resection, Mass, Mediastinal and Retroperitoneal
Destruct Mediastin Les; Incision Of Mediastinum	34.3	34.1			Excision, Mass, Mediastinum by Thoracotomy, Left
					Excision, Mass, Mediastinum by Thoracotomy, Right
					Excision, Tumor, Mediastinal, Posterior by Thoracotomy, Posterior-Lateral, Left
					Excision, Tumor, Posterior Mediastinum by Thoracotomy, Left
					Resection, Complete, Mass, Mediastinum with Thoracotomy
					Resection, Mass, Mediastinal, Posterior, Right, by Thoracotomy
Destruct Mediastin Les; Transpleura Thoracoscopy	34.3	34.21			Resection, Mass, Mediastinal Posterior, Left, by Thoracoscopy
					Resection, Mass, Mediastinal Posterior, Right, by Thoracoscopy

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Destruct Peritoneal Tiss	54.4				Biopsy, Excisional, Hernia Sac, Left
					Dissection and Mobilization of Sacrococcygeal Tumor by Laparotomy
					Excision, Cyst, Abdominal Benign Mesenteric
					Excision, Cyst, Mesentery
					Excision, Greater Omentum
					Excision, Mass, Gastrocolic Ligament, Right
					Excision, Mass, Mesentery
					Excision, Mass, Retroperitoneal
					Excision, Mass, Retroperitoneum, Left
					Excision, Mass, Sacrococcygeal Area
					Excision, Mass, Sacrococcygeal Area, by Laparotomy
					Excision, Subtotal, Tumor, Sacrococcygeal
					Excision, Tumor, Greater Omentum
					Excision, Tumor, Retroperitoneal Area
					Excision, Tumor, Retroperitoneum
					Omentectomy
					Omentectomy, Subtotal
					Peritonectomy, Pelvic
					Resection, Gross Total, Mass, Retroperitoneum
					Resection, Gross Total, Mass, Sacrococcygeal
					Resection, Incomplete, Mass, Presacral
					Resection, Mass, Omentum, Right
					Resection, Mass, Paracaval
					Resection, Mass, Peritoneal, Right
					Resection, Mass, Presacral
					Resection, Mesocolon
					Resection, Partial, Tumor, Pelvis
					Resection, Residual Tumor, Sacrococcygeal
					Resection, Subtotal, Mass, Retroperitoneal
					Resection, Subtotal, Mass, Sacrococcygeal Area
					Resection, Subtotal, Recurrent Tumor, Sacrococcygeal
					Resection, Tumor, Intra-abdominal by Laparotomy
					Resection, Tumor, Retroperitoneal, Right
					Resection, Tumor, Sacrococcygeal, Transcoccygeal Approach

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Destruct Peritoneal Tiss; Destruct Abd Wall Lesion; Exc Les Soft Tissue Nec	54.4	54.3	83.39		Resection, Mass, Sacrococcygeal/Abdomen/Pelvic Region
Destruct Peritoneal Tiss; Excis Lg Intestine Les	54.4	45.41			Resection, Tumor, Retroperitoneal/Retro Descending Colon, Left by Transverse Laparotomy
Destruct Peritoneal Tiss; Laparoscopy	54.4	54.21			Laparoscopy, Exploratory with Resection of Infarcted Omentum
Destruct Peritoneal Tiss; Laparotomy Nec	54.4	54.19			Resection, Partial, Tumor, Sacrococcygeal by Laparotomy
					Resection, Total, Soft Tissue Mass, Sacrococcygeal, by Laparotomy
Destruct Peritoneal Tiss; Loc Destr Renal Les Nec; Laparotomy Nec	54.4	55.39	54.19		Resection, Mass, Retroperitoneal involving Horseshoe Kidney by Laparotomy
Destruct Peritoneal Tiss; Partial Ostectomy Nec	54.4	77.89			Resection, Tumor, Sacrococcygeal with Coccygectomy by Posterior Sagittal Approach
Destruct Peritoneal Tiss; Regional Lymph Node Exc	54.4	40.3			Exploratory Laparotomy with Resection, Mass/Adjacent Lymph Node(s), Retroperitoneal
Destructhip Lesion Nec	80.85				Evacuation and Debridement, Hip Joint Space, Right
Destructhip Lesion Nec; Hip Arthroscopy	80.85	80.25			Arthroscopy with Pincer Debridement and Labral Repair, Hip, Right
Destructhip Lesion Nec; Other Local Destruc Skin	80.85	86.3			Excision, Lesion, Hip
					Excision, Lesion, Hip, Left
Destruction Lid Lesion	08.25				Mohs Micrographic Surgery, Basal Cell Carcinoma, Skin of Eyebrow, Right
					Mohs Micrographic Surgery, Skin of Medial Canthus, Left
Destruction Tongue Les	25.1				Excision, Lesion, Tongue
Destructknee Lesion Nec	80.86				Arthroscopic Surgery with Removal of Bone Spur, Knee, Left
					Debridement and Irrigation, Infected Total Knee, Left
					Debridement and Irrigation, Knee Joint, Right
					Debridement and Irrigation, Knee, Right
					Debridement, Synovitis, Knee, Anterior, Right
					Debridement, Wound, Knee, Left
					Decompression, Core, Knee
					Excision, Ganglion Cyst, Knee, Left
					Excision, Osteochondroma, Knee, Left
					Excision, Osteochondroma, Knee, Right
					Removal, Lesion, Knee
					Resection or Excision, Partial (Subtotal), Mass, Knee
Destructknee Lesion Nec; Knee Arthroscopy	80.86	80.26			Debridement, Arthroscopic, Meniscus, Knee, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Destructknee Lesion Nec; Other Local Destruc Skin; Exc Les Soft Tissue Nec	80.86	86.3	83.39		Excision, Mass, Knee, Left
Destructknee Lesion Nec; Radical Excis Skin Les; Exc Les Soft Tissue Nec	80.86	86.4	83.39		Excision, Wide, Mass, Knee, Left
					Excision, Wide, Mass, Knee, Right
Destructknee Lesion Nec; Revise Knee Replacement (Begin 1989)	80.86	81.55			Debridement, Prosthetic Knee Joint Replacement, Right
Destrucwrist Lesion Nec; Other Local Destruc Skin; Exc Les Soft Tissue Nec	80.83	86.3	83.39		Excision, Cyst, Wrist, Left
					Excision, Mass, Wrist, Left
					Excision, Mass, Wrist, Right
					Re-excision, Tumor Bed, Wrist Area, Right
Destrucwrist Lesion Nec; Wrist Arthroscopy	80.83	80.23			Arthroscopy with Debridement, Wrist, Left
					Arthroscopy with Debridement, Wrist, Right
Diather/Cryo Turbinectomy; Diather/Cryo Turbinectomy	21.61	21.61			Cauterization, Inferior Turbinate, Bilateral
Digital Rectal Exam; Inject/Infuse Nec	89.34	99.29			Examination Under Anesthesia, Rectal
Dilat Enterostomy Stoma	96.24				Dilatation, Stricture, Ileal Loop
					Dilation, Colostomy Stoma
Dilation Anal Sphincter	96.23				Dilation, Anal Canal, Under Sedation
Dilation Of Intestine (Begin 1989)	46.85				Dilation, Stricture, Colon
Disarticulation Of Hip	84.18				Disarticulation, Hip, Left
					Disarticulation, Hip, Right
Disarticulation Of Hip; Implant Leg Prosthesis; Total Knee Replacement (Begin 1989); Tot Hip Replace (W/Met) (Begin 1989)	84.18	84.48	81.54	81.51	Resection, En Bloc, Total Femur, Knee, Hip Disarticulation, Left with Replacement, Prosthetic Femur, Total Knee and Hip
Disarticulation Of Knee	84.16				Disarticulation, Fibula, Left
Distal Pancreatectomy	52.52				Pancreatectomy, Distal
Donor Marrow Aspiration	41.91				Harvest, Bone Marrow
Dorsolum Fus W/ H Rod (Begin 1989); Ex Chest Cage Bonegft; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.04	77.71	81.62		Instrumentation, Anterior Spinal and Fusion (T12 to L3) using Autogenous Rib Graft and Richards Spinal Instrumentation
Dorsolum Fus W/ H Rod (Begin 1989); Excise Bone For Gft Nec; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.04	77.79	81.62		Fusion, Spine, Anterior, T10-T11 with Autologous Bone Graft, Iliac Crest
Dorsolum Fus W/ H Rod (Begin 1989); Excision Intervert Disc (Begin 1986); Ex Chest Cage Bonegft; Fusion Or Refusion Of 48 Ve (Begin 2003)	81.04	80.51	77.71	81.63	Fusion, Spine, Anterior with Discectomy, Instrumentation, T10-L2 with Excision for Autograft, Rib, T10, by Thoracotomy
Dorsolum Fus W/ H Rod (Begin 1989); Fusion Or Refusion Of 48 Ve (Begin 2003)	81.04	81.63			Fusion, Spinal, Anterior, Kyphosis, T10-L4
Dorsolum Fus W/ H Rod (Begin 1989); Fusion Or Refusion Of 48 Ve (Begin 2003); Bone Graft Nec; Transpleura Thoracoscopy	81.04	81.63	78.09	34.21	Release, Spinal, Thoracoscopic, Video Assisted Anterior and Fusion (T5-T10) using Allograft of Bone
Drain Face & Mouth Floor	27.0				Incision and Drainage, Abscess, Submental

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Drain Face & Mouth Floor; Destruct Facial Bone Les	27.0	76.2			Incision and Drainage with Curettage, Abscess, Submandibular Area
Drain Face & Mouth Floor; Other Skin & Subq I & D	27.0	86.04			Incision and Drainage, Lesion, Face and/or Scalp
Dressing Of Wound Nec	93.57				Dressing Change, Lower Extremity, Right
					Dressing Change, Orbit, Right
Duhamel Rectal Resection	48.65				Duhamel Pull Through
Duodenal Lacerat Suture	46.71				Repair, Duodenal Tear
Dx Aspiratant Chamber; Therapeut Evac Ant Chamb	12.21	12.91			Aspiration, Anterior Chamber, Eye, Left
Dx Ultrasoundthorax Nec; Thoracentesis	88.73	34.91			Ultrasonic Guidance for Diagnostic Pleurocentesis, Right
Egd With Closed Biopsy (Begin 1988)	45.16				Endoscopy, Upper Gastrointestinal with Biopsy, Gastric
					Endoscopy, Upper Gastrointestinal, with Biopsy, Esophagus
					Endoscopy, Upper with Biopsy of Duodenum and Stomach Antrum
					Esophagogastroduodenoscopy with Biopsies
					Esophagogastroduodenoscopy with Biopsies, Multiple
Egd With Closed Biopsy (Begin 1988); Clos Large Bowel Biopsy	45.16	45.25			Esophagogastroduodenoscopy and Colonoscopy with Biopsies
Egd With Closed Biopsy (Begin 1988); Esophageal Dilation	45.16	42.92			Esophagogastroduodenoscopy with Biopsy/Biopsies and Dilatation
Elbow Arthroplasty Nec	81.85				Fixation, Surgical, Elbow, Left
					Fixation, Surgical, Elbow, Right
					Fixation, Surgical, Olecranon, Left
Elbow Arthroscopy	80.22				Arthroscopy, Elbow, Right
Elbow Synovectomy	80.72				Synovectomy, Elbow
Elevate Skull Fx Fragmnt	02.02				Repair, Depressed Fracture, Skull
Embolectomy Leg Vessel	38.08				Mechanical Thrombectomy, Common Femoral Vein, Right
Enderterectomy Of Aorta	38.14				Aortic Root Enlargement with Pericardial Patch
Endo Polpectomy Lrge Int (Begin 1988)	45.42				Colonoscopy with Insertion, Endoloop, Polypectomy Stalk
					Colonoscopy with Resection of Polyp
Endo Polpectomy Lrge Int (Begin 1988); Clos Large Bowel Biopsy	45.42	45.25			Colonoscopy with Polypectomy and Biopsy
					Colonoscopy with Polypectomy and Biopsy, Multiple
Endocar Cushion Rep Nec	35.73				Repair, Atrioventricular Canal Defect
Endocervical Biopsy	67.11				Biopsy, Endocervical
Endomet Synechiae Divis	68.21				Lysis, Adhesions, Uterus by Hysteroscopy

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Endometrial Ablation (Begin 1996)	68.23				Ablation, Endometrial
					Ablation, Laser, Endometriosis
Endosc Destru Lg Int Les (Begin 1989); Electrocoag Rect Les Nec	45.43	48.32			Cap-assisted Mucosectomy, Cecum, by Colonoscopy
Endosc Destruc Bronc Les (Begin 1989)	32.01				Resection, Partial, Tumor, Endobronchial, Left by Bronchoscopy
					Resection, Tumor, Residual, Endobronchial, Left by Bronchoscopy
Endosc Inser Stent Bile (Begin 1989)	51.87				Insertion, Stent, Bile Duct, by ERCP
Endosc Retro Cholangiopa (Begin 1989)	51.10				Endoscopic Retrograde Cholangiopancreatography
Endosc Sphincterotomy (Begin 1989)	51.85				Sphincterotomy, Bile Duct
					Sphincterotomy, Biliary
					Sphincterotomy, Sphincter of Oddi, by ERCP
Endoscopic Ileal Conduit (Begin 1987)	56.35				Looposcopy
Enlarge Existingdef	35.41				Interventricular Septostomy
					Septostomy, Left
Enterostomy Nec	46.39				Placement, Jejunostomy Tube
Enterovesico Fist Repair	57.83				Repair, Fistula, Intestinal/Bladder
Enteral Infus Nutrit Sub (Begin 1986)	96.6				Insertion, Nasogastric Feeding Tube
Entropion/Ectrop Rep Nec	08.49				Repair, Entropion, Eye Lid, Left
					Repair, Entropion, Eye Lid, Right
					Repair, Laceration, Eyelid, Right
Epididymectomy	63.4				Epididymectomy, Left
					Epididymectomy, Right
Epiglottidectomy	30.21				Epiglottidectomy
					Laryngectomy
Epiphys Staplerad/Ulna (Begin 1991); Oth Rad/Uln Repair/Plast	78.23	78.43			Shortening, Ulna, Right with Distal Radial Ulnar Synostosis
Epiphys Stapletib/Fibul (Begin 1991)	78.27				Epiphysiodesis, Tibia, Proximal, Left
					Epiphysiodesis, Tibia, Proximal, Right
					Hemiepiphysiodesis, Tibia, Distal, Left
Epiphys Stapletib/Fibul (Begin 1991); Int Fixationtibia/Fibul; Epiphys Stapletib/Fibul (Begin 1991); Int Fixationtibia/Fibul	78.27	78.57	78.27	78.57	Epiphysiodesis with Eight Plate, Tibia, Proximal, Bilateral

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Epiphyseal Staplefemur (Begin 1991)	78.25				Epiphysiodesis, Femur, Distal and Proximal, Left
					Epiphysiodesis, Femur, Distal, Left
					Epiphysiodesis, Femur, Distal, Right
					Pinning, Above Knee Stump, Right
					Pinning, Slipped Femoral Epiphysis, Left
					Shortening, Femoral, Left
Epiphyseal Stapling Nec (Begin 1991)	78.29				Epiphysiodesis, Leg, Right
Epiphyseal Stapling Nos (Begin 1991)	78.20				Epiphysiodesis, Knee, Left
					Shortening, Leg, Left
Esophag Stricture Repair	42.85				Repair, Atresia, Esophagus
Esophageal Dilation	42.92				Dilation, Esophagus
					Multiple dates, Esophagogastroduodenoscopy with Esophageal Dilatation
Esophageal Dilation; Cas W Fluoroscopy (Begin 2004)	42.92	00.33			Dilation, Savary, Esophagus, Over Guidewire with Fluoroscopy Assistance
Esophageal Dilation; Esophagoscopy Nec	42.92	42.23			Esophagoscopy with Esophageal Dilation
Esophageal Dilation; Sm Bowel Endoscopy Nec; (Closed) Bx Of Esophagus (Begin 1980)	42.92	45.13	42.24		Multiple dates, Esophagogastroduodenoscopy with Esophageal Dilation and Biopsy/Biopsies
Esophageal Repair Nec	42.89				Repair, Rupture, Esophagus
Esophagoscopy Nec	42.23				Esophagoscopy
Esophagoscopy Nec; Remov Intralum Esoph Fb	42.23	98.02			Esophagoscopy, Rigid with Removal Foreign Body in Esophagus
Eswl Kid/Ureter/Bladder (Begin 1989)	98.51				Lithotripsy, Shockwave, Ureter, Left
					Lithotripsy, Shockwave, Ureter, Right
Eswl Other Sites (Begin 1989)	98.59				Extracorporeal Shockwave Therapy
Ethmoidectomy	22.63				Debridement, Ethmoid Sinus Cavity, Left
					Debridement, Ethmoid Sinus Cavity, Right
					Ethmoidectomies, Total, Bilateral
					Ethmoidectomy
					Ethmoidectomy, Anterior
					Ethmoidectomy, Anterior by Intranasal Approach, Left
					Ethmoidectomy, Bilateral
					Ethmoidectomy, External
					Ethmoidectomy, External, Left
					Ethmoidectomy, External, Right
					Ethmoidectomy, Intranasal
					Ethmoidectomy, Left
					Removal, Mucocoele, Ethmoid Sinus, Left



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Ethmoidectomy	22.63				Removal, Mucocele, Ethmoid Sinus, Right
Ethmoidectomy; (Closed) Nasal Sinus Bx (Begin 1980)	22.63	22.11			Endoscopy with Debridement and Biopsy, Ethmoid Sinus, Right
Ethmoidectomy; Exc Max Sinus Lesion Nec	22.63	22.62			Debridement, Ethmoid and Maxillary Sinus, Bilateral
Ethmoidectomy; Exc Max Sinus Lesion Nec; Destruct Facial Bone Les; Other Craniotomy	22.63	22.62	76.2	01.24	Resection, Gross Total, Tumor, Ethmoid/Maxillary Sinus, Left and Orbital Wall, Bilateral by Bifrontal Craniotomy
Ethmoidectomy; Exc Max Sinus Lesion Nec; Sphenoidectomy	22.63	22.62	22.64		Resection with Debridement, Maxillary/Ethmoid/Sphenoid Sinus, Bilateral and Medial/Lateral Pterygoid Plate, Left
Ethmoidectomy; Exc Max Sinus Lesion Nec; Turbinectomy Nec	22.63	22.62	21.69		Resection with Debridement, Ethmoid/Maxillary Sinus, Palate and Middle Turbinate, Bilateral
Ethmoidectomy; Facial Bone Repair Nec	22.63	76.69			Ethmoidectomy, Bilateral with Osteoplasties, Bilateral
Ethmoidectomy; Nasal Sinus Dx Proc Nec	22.63	22.19			Endoscopic Sinus Surgery with Ethmoidectomy
					Ethmoidectomy, Endoscopic, Bilateral
Ethmoidectomy; Other Craniotomy	22.63	01.24			Resection, Gross Total, Tumor, Ethmoid Sinus, Right by Bifrontal Craniotomy
Ex Cereb Meningeal Les	01.51				Biopsy, Excisional, Mass, Dura, Temporoparietal, Right by Craniotomy
					Debridement and Reclosure, Pseudomeningocele, Suboccipital
					Excision, Cyst, Leptomeningeal
					Excision, Dura
					Resection, Complete, Meningioma, Temporal Lobe
					Resection, Dural, Hemorrhagic infarct, Cerebellar, Left
					Resection, Gross Total, Meningioma, Foramen Magnum, Left by Craniotomy
					Resection, Gross Total, Meningioma, Olfactory Groove
					Resection, Gross Total, Meningioma, Right by Craniotomy
					Resection, Meningioma, Occipital Lobe, Left
					Resection, Meningioma, Parasagittal
					Resection, Meningioma, Parietooccipital Region, Right
					Resection, Meningioma, Suprasellar Region
					Resection, Meningioma, Temporal Lobe, Right, by Craniotomy
					Resection, Near Total, Meningioma, Temporal Lobe, Left by Craniotomy
					Resection, Subtotal, Meningioma
					Resection, Subtotal, Meningioma, Transverse Sinus
Ex Cereb Meningeal Les; Cranial Osteoplasty Nec	01.51	02.06			Resection, Subtotal, Meningioma, Sagittal Sinus and Calverium by Craniectomy with Titanium Cranioplasty
Ex Cereb Meningeal Les; Immobiliz/Wound Attn Nec	01.51	93.59			Resection, Meningioma, Intraventricular by Stereotactic Superior Parietal Craniotomy, Right

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Ex Cereb Meningeal Les; Other Craniotomy	01.51	01.24			Removal, Meningiomas, Bifrontal Region by Craniotomy
					Resection, Angiomatous Meningioma, Falx Cerebri by Craniotomy, Parietal, Right
					Resection, Gross Total, Meningioma, Falx Cerebelli by Craniotomy
					Resection, Gross Total, Meningioma, Falx Cerebri by Craniotomy
					Resection, Gross Total, Meningioma, Foramen Magnum, Right by Craniotomy
					Resection, Gross Total, Meningioma, Frontal Lobe, Left by Craniotomy
					Resection, Gross Total, Meningioma, Left by Craniotomy
					Resection, Gross Total, Meningioma, by Craniotomy
					Resection, Meningioma, Parafalcine, Right by Craniotomy
					Resection, Meningioma, Superior Sagittal Sinus, Right by Craniotomy
Ex Chest Cage Bonegft	77.71				Harvest for Graft, Rib, 10th, Left
					Harvest for Graft, Rib, 9th, Left by Thoracotomy
Exc Branchial Cleft Cyst	29.2				Excision, Cyst, Branchial Cleft
Exc Chest Cage Bone Les	77.61				Biopsy, Excisional, Lesion, Scapula
					Curettage, Bone, Acromion, Right
					Debridement and Packing Removal, Wound, Scapula, Left
					Debridement, Upper Sternum
					Debridement, Wound, Scapula, Left
					Excision, Osteochondroma, Scapula, Left
					Resection, Gross Total, Mass, Rib, Sixth, Left
					Resection, Mass, Soft Tissue of Scapula, Left
Exc Chest Cage Bone Les; Other Local Destruc Skin	77.61	86.3			Excision, Lesion, Scapular Area
Exc Chest Cage Bone Les; Other Local Destruc Skin; Exc Les Soft Tissue Nec	77.61	86.3	83.39		Excision, Mass, Posterior Thoracic, Left
Exc Chest Cage Bone Les; Other Local Destruc Skin; Exc Les Soft Tissue Nec; Destruct Chest Wall Les	77.61	86.3	83.39	34.4	Excision, Mass, Thoracic, Superior, Right by Thoracotomy
Exc Les Sft Tiss Hnd Nec	82.29				Reexcision, Tumor Bed, Hand, Right

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Exc Les Soft Tissue Nec	83.39				Biopsy, Excisional, Mass, Ankle, Right
					Debridement, Soft Tissue of Chest
					Excision, Capillary Hemangioma, Neck, Right
					Excision, Cyst, Popliteal, Right
					Excision, Cyst, Wrist
					Excision, En Bloc, Cyst, Popliteal Fossa, Left
					Excision, Hemangiopericytoma, Forearm, Right
					Excision, Incomplete, Mass, Soft tissue of Arm, Upper, Left
					Excision, Lipoma, Buttock, Right
					Excision, Lipoma, Subscapular, Left
					Excision, Lipoma, Thigh
					Excision, Marginal, Undifferentiated Sarcoma, Buttock, Right
					Excision, Mass, Antecubital Space, Right
					Excision, Mass, Paravertebral/Celiac Axis
					Excision, Mass, Peri-ovarian, Left
					Excision, Mass, Scapular Soft Tissue
					Excision, Mass, Soft Tissue Thigh, Left
					Excision, Mass, Soft Tissue of Back Region
					Excision, Mass, Soft Tissue, Arm, Left
					Excision, Neurofibroma, Antecubital Fossa, Left
					Excision, Neurofibroma, Back
					Excision, Neurofibroma, Cervical
					Excision, Partial, Mass, Neck
					Excision, Subtotal, Mass, Paraaortic, Left
					Exploration, Forearm, Left
					Re-Excision, Mass, Soft Tissue Thigh, Left
					Re-excision, Mass, Soft Tissue, Thigh, Right
					Removal, Desmoid Tumor, Pelvic Region
					Resection, Baker's Cyst
					Resection, Drop Metastases, Pelvis, Right
					Resection, Gross Total, Mass, Calf, Left
					Resection, Gross Total, Mass, Paraspinal, Right
					Resection, Lesion, Soft Tissue, Parietal Region
					Resection, Mass, Forearm

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Exc Les Soft Tissue Nec	83.39				Resection, Mass, Neck, Posterior, Left
					Resection, Mass, Neck, Right
					Resection, Mass, Pararenal
					Resection, Mass, Paraspinal Area
					Resection, Mass, Paraspinal Cervical, Left
					Resection, Mass, Paraspinal, Left by Laparotomy
					Resection, Mass, Sacral Region
					Resection, Mass, Soft Tissue of Scapular Area, Right
					Resection, Mass, Submandibular Region, Right
					Resection, Mass, Thigh, Left
					Resection, Mass, Thigh, Right
					Resection, Mass, Thoracoabdominal, Right by Thoracolaparotomy
					Resection, Neuroblastoma, Pelvic Region
					Resection, Subtotal, Mass, Paraspinal, Right, by Mini-Laparotomy
					Resection, Subtotal, Mass, Sacrum, Left
					Resection, Subtotal, Mass, Submandibular Region, Right
					Resection, Subtotal, Neuroblastoma, Paraspinal
					Resection, Subtotal, Tumor, Paraspinal, Right
					Resection, Subtotal, Tumor, Thigh
					Resection, Tumor Bed, Shoulder, Left
					Resection, Tumor, Hemithorax, Right by Thoracotomy
					Resection, Tumor, Pelvis, by Laparotomy
Exc Les Soft Tissue Nec; Destruct Peritoneal Tiss	83.39	54.4			Resection, Mass, Thoracic and Retroperitoneum, Right by Thoracotomy
Exc Les Soft Tissue Nec; Dorsolum Fus W/ H Rod (Begin 1989); Excision Intervertebral Disc (Begin 1986); Fusion Or Refusion Of 23 Ve (Begin 2003)	83.39	81.04	80.51	81.62	Resection, Tumor, Paraspinal, T3-T5 with Discectomy and Anterior Allograft Arthrodesis, T4-T6 by Thoracotomy, Right
Exc Les Soft Tissue Nec; Exc Les Soft Tissue Nec; Excis Lesion Of Muscle	83.39	83.39	83.32		Excision, Mass, Infrarenal, Paraspinal, Left
Exc Les Soft Tissue Nec; Excis Les Tendon Sheath	83.39	83.31			Excision, Neuroblastoma, Cervical Region, Right

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Exc Les Soft Tissue Nec; Excis Lesion Of Muscle	83.39	83.32			Excision, Mass, Paraspinal
					Excision, Mass, Paraspinal, Left
					Excision, Mass, Paraspinal, Right
Exc Les Soft Tissue Nec; Excis Lesion Of Muscle; Incision Of Chest Wall	83.39	83.32	34.01		Excision, Mass, Paraspinal, Left by Thoracotomy
Exc Les Soft Tissue Nec; Excis Spinal Cord Lesion	83.39	03.4			Resection, Nerve Sheath Tumor, Intraspinous and Extraspinous, by Cervical Hemilaminotomy
Exc Les Soft Tissue Nec; Incision Of Chest Wall	83.39	34.01			Excision, Neuroblastoma, Thoracic, by Thoracotomy, Right
					Resection, Gross Total, Mass, Paraspinal, Posterior by Thoracotomy, Left
					Resection, Gross Total, Neurogenic Tumor, Thoracic Region by Thoracotomy, Right
Exc Les Soft Tissue Nec; Knee Arthroscopy	83.39	80.26			Excision, Baker's Cyst, Knee, Right, Arthroscopic
Exc Les Soft Tissue Nec; Loc Exc Bone Lesion Nec; Laparoscopy	83.39	77.69	54.21		Excision, Mass, Pelvis by Laparoscopy
Exc Les Soft Tissue Nec; Other Local Destruc Skin	83.39	86.3			Resection, Subtotal, Mass, Pelvic
					Resection, Subtotal, Mass, Pelvis
					Resection, Subtotal, Mass, Shoulder Region, Right
					Resection, Tumor, Pelvic, Left
Exc Les Soft Tissue Nec; Regional Lymph Node Exc	83.39	40.3			Resection, Tumor, Paraspinal with Adjacent Lymphadenopathy by Thoracoabdominal Approach, Right
Exc Les Tend Sheath Hand	82.21				Excision, Ganglion Cyst, Wrist, Left
					Removal, Surgical, Ganglion Cyst, Wrist, Left
Exc Max Sinus Lesion Nec	22.62				Excision, Mucous Retention Cysts, Maxillary Sinus
					Excision, Tumor, Maxillary Sinus Region, Left
					Reexcision, Wide Local, Maxillary Sinus Defect, Right
					Removal, Polyp, Maxillary Sinus, Left
					Removal, Polyp, Maxillary Sinus, Right
Exc Max Sinus Lesion Nec; Sinus Aspirat/Lavage Nos	22.62	22.00			Resection (Drainage), Maxillary Sinus
Exc Of Accessory Spleen	41.93				Excision, Accessory Spleen
Exc Of Dental Les Of Jaw	24.4				Biopsy, Excisional, Dentigerous Cyst, Mandibular, Left
					Excision, Odontogenic Cyst, Maxilla, Right
					Excision, Odontoma, Premolar, Upper, Left
					Excision, Tumor, Alveolar Ridge, Palate, Left
Exc Of Dental Les Of Jaw; Destruct Facial Bone Les	24.4	76.2			Excision, Subtotal, Mass, Alveolar Ridge, Maxilla, Left

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Exc Pituit Lestransfron	07.61				Resection, Microsurgical, Gross Total, Tumor, Pituitary Region by Orbital Craniotomy
					Resection, Subtotal, Tumor, Pituitary Gland by Craniotomy, Bifrontal
Exc Pituit Lestransphen	07.62				Resection, Subtotal, Tumor, Pituitary Fossa by Transsphenoidal Approach
Exc Pituit Lestransphen; Immobiliz/Wound Attn Nec	07.62	93.59			Resection, Microsurgical, Subtotal, Tumor, Pituitary Region by Transsphenoidal Stereotactic Approach
Exc Spermatic Varicocele	63.1				Ligation, Varicocele, Left
					Repair, Attempted, Varicocele
					Varicocelectomy
					Varicocelectomy, Left
Exc Spermatic Varicocele; Abdominal Vein Excision	63.1	38.67			Excision, Spermatic Vessel
Exc Spermatic Varicocele; Excision Of Hydrocele; Destruc Uter Support Nec	63.1	61.2	69.19		Hydrocelectomy
					Hydrocelectomy, Bilateral
					Hydrocelectomy, Left
					Hydrocelectomy, Right
Exc Splenic Lesion/Tiss	41.42				Excision, Cyst, Spleen
Exc Splenic Lesion/Tiss; Laparoscopy	41.42	54.21			Excision, Cyst, Spleen by Laparoscopy
Exc(/Dest) Oth Hrt Lesion (Begin 1980)	37.33				Resection, Mass, Atrium
					Resection, Tumor, Paraaortic
Excis Culdesac Lesion	70.32				Resection, Subtotal, Mass, Cul-De-Sac
Excis Deep Cervical Node	40.21				Biopsy, Excisional, Cervical Lymph Node
					Biopsy, Excisional, Cervical Lymph Node, Left
					Biopsy, Excisional, Cervical Lymph Node, Right
					Dissection, Cervical Lymph Node, Left
					Dissection, Cervical Lymph Node, Right
					Dissection, Paratracheal Lymph Node
					Excision, Cervical Lymph Node
					Excision, Cervical Lymph Node, Left
					Excision, Deep Lymph Nodes, Neck, Left
					Excision, Large Phlegmon, Cervical Lymph Nodes, Deep, Right
					Excision, Lymph Node, Cervical
					Resection, Cervical Lymph Node, Left
					Resection, Subtotal, Cervical Lymph Node, Anterior, Right

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Excis Deep Cervical Node; Excis Deep Cervical Node	40.21	40.21			Dissection, Cervical Lymph Node, Bilateral
					Dissection, Neck Lymph Node, Bilateral
Excis External Ear Nec	18.39				Auriculectomy, Left
					Excision, Pinna of Ear
					Excision, Pinna of Ear, Right
					Exenteration, Ear Canal, Right
					Resection, External Auditory Canal
Excis External Ear Nec; Excise Middle Ear Lesion; Inc/Exc/Destr In Ear Nec	18.39	20.51	20.79		Excision, External Auditory Canal, Middle Ear, Inner Ear, Left
Excis Knee Semilun Cartl	80.6				Meniscectomy, Knee, Left
					Meniscectomy, Knee, Right
Excis Knee Semilun Cartl; Knee Arthroscopy	80.6	80.26			Arthroscopic Surgery with Removal of Cartilage, Knee, Left
Excis Les Tendon Sheath	83.31				Excision, Ganglion Cyst, Chest
					Excision, Ganglion Cyst, Foot, Right
Excis Lesion Of Muscle	83.32				Excision, En Bloc, Tumor, Deltoid Muscle
					Excision, Mass, Gluteus Maximus, Right
					Excision, Mass, Psoas Muscle
					Reexcision, Tumor, Muscle, Infratemporal Fossa, Left
					Resection (Excision), Mass, Muscle of Thigh
					Resection, Gross Total, Mass, Psoas Muscle, Left
					Resection, Gross Total, Mass, Psoas Muscle, Right
					Resection, Mass, Gastrocnemius, Left
					Resection, Mass, Gastrocnemius, Right
					Resection, Mass, Triceps Muscle, Right
Excis Lg Intestine Les	45.41				Excision, Lesion, Colon
					Excision, Tumor, Cecum
					Polypectomy, Ascending Colon
					Polypectomy, Cecum
					Polypectomy, Colon
					Polypectomy, Gastrointestinal Tract
					Polypectomy, Sigmoid Colon
					Resection, Tumor, Colon
Excis Lg Intestine Les; Destr Sm Bowel Les Nec; Simp Exc Lymph Struc Nec	45.41	45.34	40.29		Resection, Mass, Right Colon, Terminal Ileum, Appendix and Mesenteric Lymph Nodes
Excis Lg Intestine Les; Endoscop Polypect Rectum (Begin 1995)	45.41	48.36			Polypectomy, Multiple, Colorectum

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Excis Lg Intestine Les; Other Destru Pancrea Les (Begin 1989)	45.41	52.22			Excision, Partial, Tumor, Involving Mesocolon and Pancreas, Posterior Aspect
Excis Spinal Cord Lesion	03.4				Excision, Cyst, Spinal Canal
					Excision, Lesion, C6 by Hemilaminectomy, C5-C6
					Excision, Lesion, Thoracic Spinal Cord
					Excision, Mass, Sacral Spinal Cord
					Excision, Tumor, Spinal Epidural
					Laminectomy with Partial Removal, Lesion
					Laminectomy with Resection, Gross Total, Tumor T 1
					Laminectomy with Resection, Gross Total, Tumor, T9-L1
					Laminectomy with Resection, Tumor, Spinal Cord
					Laminectomy, L4-L5, with Resection, Gross Total, Tumor
					Repair, Pseudomeningocele, Thoracic and Lumbar Laminectomy Wounds
					Resection, Gross Total, Mass, Conus Medullaris
					Resection, Gross Total, Spinal Cord, with Hemilaminectomy
					Resection, Gross Total, Tumor, Intramedullary Spinal Cord by Laminectomy, C4-T6
					Resection, Gross Total, Tumor, Nerve Root, with Laminectomy, L5-S2
					Resection, Gross Total, Tumor, Spinal Cord, C5-T11
					Resection, Gross Total, Tumor, Spinal Cord, T11 by Laminectomy, T10-12
					Resection, Gross Total, Tumor, Spinal Cord, T2-T10 by Laminotomy
					Resection, Gross Total, Tumor, Spinal Cord, with Hemilaminectomy, L1-L2
					Resection, Gross Total, Tumor, Spinal Cord, with Laminectomy, C2-T7
					Resection, Gross Total, Tumor, Spinal Cord, with Laminectomy, T12-L1
					Resection, Mass Gliosis, L1-L2
					Resection, Mass, Cervical Spine (C1) with Hemilaminectomy, C1-C2, Left
					Resection, Mass, Intraspinous
					Resection, Mass, Thoracic Spinal Cord
					Resection, Partial, Mass, Epidural, T2 Vertebra
					Resection, Subtotal, Metastatic Tumor, Spinal Cord
					Resection, Subtotal, Tumor, Intradural Spine
					Resection, Subtotal, Tumor, Spinal Cord



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Excis Spinal Cord Lesion	03.4				Resection, Subtotal, Tumor, Spinal Cord, with Laminectomy, T7-T10
					Resection, Subtotal, Tumor, Spinal Cord, with Laminectomy, C7-T5
					Resection, Subtotal, Tumor, Spinal Cord, with Laminectomy, T10-T12
					Resection, Subtotal, Tumor, Spinal Cord, with Laminectomy, T12-L1
					Resection, Subtotal, Tumor, Spinal Cord, with Laminectomy, T8-T9
					Resection, Tumor (Mass), Cervical Spinal Cord
					Resection, Tumor, C4-5 with Hemilaminectomy
					Resection, Tumor, C4-C5 Intradural Extramedullary, Left
					Resection, Tumor, C6-T4 with Laminectomy
					Resection, Tumor, Epidural, T12-L4, with Laminectomy, T12-L5
					Resection, Tumor, Epidural, at L1-L2 Level
					Resection, Tumor, Intradural Extramedullary Spinal Cord by Hemilaminectomy, L2, Left
					Resection, Tumor, Intradural Extramedullary Spinal Cord, C1-C2 by Laminectomy
					Resection, Tumor, Intradural of Spinal Cord
					Resection, Tumor, Intramedullary Spinal Cord, C1-T1 with Laminoplasty C2-T1
					Resection, Tumor, Intramedullary Spinal Cord, T5-T9 with Laminectomy
					Resection, Tumor, Spinal Cord with Cervical/Thoracic Laminectomy
					Resection, Tumor, Spinal Cord, by C1-C-3 Laminectomy
					Resection, Tumor, T5-T10 with Hemilaminectomy Laminoplasty
					Resection, Tumor, Thoracic Spinal Cord with Laminectomy, T1-T5
Excis Spinal Cord Lesion; Destruct Chest Wall Les	03.4	34.4			Resection, Extradural Tumor with Resection, Partial, Tumor, Chest Wall
Excis Spinal Cord Lesion; Ex Cereb Meningeal Les	03.4	01.51			Resection, Meningioma
Excis Spinal Cord Lesion; Insert Spinal Canal Cath (Begin 1987); Inject/Infuse Nec	03.4	03.90	99.29		Biopsy, Excisional, Mass, Lumbar Epidural
Excis Spinal Cord Lesion; Int Fixno Fx Reduct Nec; Bone Graft Nec	03.4	78.59	78.09		Resection, Tumor, Intramedullary Spinal Cord, C1-L3 with Internal Fixation Hardware and Bone Graft
Excis Spinal Cord Lesion; Other Craniotomy	03.4	01.24			Resection, Subtotal, Tumor, Cervical Spinal Cord, by Suboccipital Craniotomy

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Excis Spinal Cord Lesion; Spinal Canal Explor Nec	03.4	03.09			Excision, Tumor, Epidural by T9-L5 Laminotomy
					Resection, Gross Total, Low Grade Glioma, Spinal Cord by Laminotomy, Osteoplastic, Multiple Level (C4-L2)
					Resection, Mass, Intraspinal T11-L2 by Laminotomy, Osteoplastic
Excis Spinal Cord Lesion; Spinal Canal Explor Nec; Int Fixno Fx Reduct Nec	03.4	03.09	78.59		Resection, Tumor, Epidural Region by Laminectomy with Instrumentation
Excis Spinal Cord Lesion; Spinal Canal Explor Nec; Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.4	03.09	03.09	03.09	Resection, Tumor with Replacement Laminoplasty, T1-T4
Excis Spinal Cord Lesion; Spinal Cord/Meninges Bx	03.4	03.32			Resection, Subtotal, Tumor, Spinal Cord Intramedullary with Biopsy
Excis Spinal Cord Lesion; Spinal Fusion Nos; Fusion Or Refusion Of 23 Ve (Begin 2003)	03.4	81.00	81.62		Resection, Tumor, Intradural Extramedullary Spinal Cord by Laminectomy, C4-C6 and Fusion with Instrumentation
Excis Spinal Cord Lesion; Spinal Fusion Nos; Fusion Or Refusion Of 48 Ve (Begin 2003)	03.4	81.00	81.63		Resection, Tumor, Spinal Cord, by Laminectomy, T11-L3 with Allograft Fusion
Excis Tonsil/Adenoid Les	28.92				Excision, Mass, Tonsillar
Excis/Destr Les Phar Nec (Begin 1991)	29.39				Debulking, Nasopharynx
					Excision, Mass, Nasopharynx
					Excision, Mass, Parapharyngeal, Left
					Excision, Mass, Pharyngeal
					Excision, Tumor, Nasopharyngeal
					Excision, Tumor, Nasopharyngeal Soft Palate by Transpalatal Approach
					Removal, Mass, Nasopharynx
					Resection, Partial, Tumor, Nasopharyngeal
					Resection, Tumor, Nasopharyngeal, Via Craniofacial Approach
Excis/Destr Les Phar Nec (Begin 1991); Other Craniotomy	29.39	01.24			Resection, Subtotal, Mass, Nasopharynx by Craniotomy, Temporal, Inferior, Right
Excise Axillary Node	40.23				Biopsy, Excisional, Axillary Lymph Node
					Biopsy, Excisional, Axillary Lymph Node, Left
					Biopsy, Excisional, Axillary Lymph Node, Right
					Biopsy, Excisional, Axillary Sentinel Lymph Node, Left
					Biopsy, Excisional, Axillary Sentinel Lymph Node, Right
					Biopsy, Excisional, Sentinel Brachial Lymph Node(s), Left
					Dissection, Axillary Lymph Node
					Dissection, Axillary Lymph Node, Bilateral
					Dissection, Axillary Lymph Node, Left
					Dissection, Axillary Lymph Node, Lower, Right
					Dissection, Axillary Lymph Node, Right

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Excise Axillary Node	40.23				Dissection, Axillary, Left
					Dissection, Modified, Axillary Lymph Node, Right
					Excision, Axillary Lymph Node
					Excision, Axillary Lymph Node, Left
					Excision, Axillary Lymph Node, Right
					Excision, Wide Local, Axillary Lymph Node
					Lymphadenectomy, Complete, Axillary, Left
					Lymphadenectomy, Complete, Axillary, Right
Excise Bone For Gft Nec	77.79				Harvest for Graft, Iliac Crest, Left
					Harvest for Graft, Iliac Crest, Right
					Harvest, for Graft, Iliac Crest
Excise Conjunctiv Lesion	10.31				Excision, Cysts, Conjunctiva, Eye, Right
					Reexcision, Lesion, Conjunctiva, Left
Excise Conjunctiv Lesion; Fat Gft Skin/Subq Tiss (Begin 2010)	10.31	86.87			Excision, Cyst, Conjunctiva, Right with Fat/Dermis Graft
Excise Cord/Epid Les Nec	63.3				Excision, Appendix of Epididymis
					Excision, Cyst, Paradidymis, Left
					Excision, Spermatic Cord, Left
Excise Diaphragm Lesion	34.81				Excision, Adherent Diaphragm
					Excision, Nodule, Diaphragmatic
					Excision, Nodules/Mass, Diaphragmatic
					Hemidiaphragmectomy, Right
					Resection, Diaphragm
					Resection, Incontinuity, Diaphragm
					Resection, Mass, Diaphragm, Right, by Thoracotomy
					Resection, Partial, Diaphragm
					Resection, Portion of Diaphragm, Left
Excise Diaphragm Lesion; Laparotomy Nec	34.81	54.19			Excision, Mass, Crus of Diaphragm, Posterior by Thoracotomy, Right
Excise Epididymis Cyst	63.2				Excision, Cyst, Epididymis, Left
					Excision, Cyst, Epididymis, Right
					Spermatocectomy, Right
Excise Femur For Graft	77.75				Resection, Bone, Allograft, Femur, Left

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Excise Inguinal Node	40.24				Biopsy, Excisional, Inguinal Sentinel Lymph Node, Left
					Biopsy, Excisional, Inguinal Lymph Node
					Biopsy, Excisional, Inguinal Lymph Node, Left
					Biopsy, Excisional, Inguinal Lymph Node, Right
					Biopsy, Excisional, Inguinal Sentinel Lymph Node, Left
					Biopsy, Excisional, Inguinal Sentinel Lymph Node, Right
					Biopsy, Excisional, Sentinel Lymph Node, Inguinal, Right
					Dissection, Groin Lymph Node, Left
					Dissection, Inguinal Lymph Node
					Dissection, Lymph Node, Inguinal, Left
					Dissection, Lymph Node, Inguinal, Right
					Dissection, Lymph Nodes, Inguinal/Thigh, Left
					Dissection, Modified, Inguinal Lymph Node, Right
					Excision, Inguinal Lymph Node
					Excision, Inguinal Lymph Node, Left
					Excision, Inguinal Lymph Node, Right
					Lymphadenectomy, Inguinofemoral, Left
Excise Int Mammary Node	40.22				Biopsy, Excisional, Internal Mammary Lymph Node, Right
Excise Middle Ear Lesion	20.51				Polypectomy, Ear, Left
					Removal, Scar Tissue, Tympanic Membrane, Left
					Resection, Cholesteatoma, Ear
					Resection, Cholesteatoma, Ear, Left
					Resection, Cholesteatoma, Ear, Right
Excise Skull Lesion	01.6				Excision, Lesion, Parietal Bone
					Excision, Spicule, Skull
					Excision, Tumor, Base of Skull
					Removal, Fiducial Markers, Cranium
					Resection, Lesion, Parietal Region of Skull
					Resection, Lesion, Parietal Region of Skull, Right
					Resection, Lesion, Skull, Frontal Region
					Resection, Mass, Parietal Region of Skull, Left
					Resection, Mass, Sphenoid Wing, Left by Craniotomy

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Excise Skull Lesion	01.6				Resection, Near Total, Mass, Sphenoid Wing, Right by Craniotomy
					Resection, Subtotal, Tumor, Occipital Bone, Left by Lateral Skull Base Craniectomy
Excise Skull Lesion; Cranial Osteoplasty Nec	01.6	02.06			Resection, Tumor, Frontal Calvaria, Right by Craniotomy with Cranioplasty
Excise Skull Lesion; Cranial Osteoplasty Nec; Cas W Ct/Cta (Begin 2004)	01.6	02.06	00.31		Resection, Tumor, Parietal, Right with Cranioplasty by Stealth Frameless Stereotactic CT Guided Craniectomy
Excise Skull Lesion; Destruct Facial Bone Les; Cranial Osteoplasty Nec; Facial Bone Reconstr Nec	01.6	76.2	02.06	76.46	Resection, Tumor, Ethmoid and Maxilla, Left with Reconstruction
Excise Skull Lesion; Immobiliz/Wound Attn Nec	01.6	93.59			Resection, Stereotactic, Lytic Lesion, Frontal Bone, Right
Excise Skull Lesion; Other Craniotomy	01.6	01.24			Resection, Subtotal, Mass, Base of Skull, by Craniotomy
Excise Skull Lesion; Other Craniotomy; Immobiliz/Wound Attn Nec	01.6	01.24	93.59		Resection, Stereotactic, Lesion, Frontal Skull, Left by Craniotomy
Excise Tib/Fib For Graft	77.77				Harvest for Graft, Fibula, Left
					Harvest for Graft, Tibia, Proximal, Right
					Harvest, Vascularized Fibula Graft, Left
					Harvest, Vascularized Fibular Strut Graft
Excision Eye Lesion Nos	16.93				Ablation, Laser, Tumor, Eye, Right
					Cryosurgery, Eye, Right
					Cryotherapy, Eye, Left
					Cryotherapy, Eye, Right
					Cryotherapy, Multiple, Eye, Left
					Cryotherapy, Multiple, Eye, Right
					Excision, Inclusion Cyst, Eye, Left
					Excision, Inclusion Cyst, Eye, Right
					Laser Surgery, Eye, Left
					Laser surgery, Eye, Right
					Photodynamic Therapy, Eye, Right
					Removal, Cyst, Eye
Excision Eye Lesion Nos; Excision Eye Lesion Nos	16.93	16.93			Cryotherapy, Eyes, Bilateral
					Laser Surgery, Eye, Bilateral

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Excision Intervert Disc (Begin 1986)	80.51				Discectomy, Anterior, C3-C4
					Discectomy, Cervical
					Discectomy, L3-L4
					Discectomy, L4-L5
					Discectomy, L4-L5, Microscopic
					Discectomy, Thoracolumbar
					Hemilaminectomy, Left with Discectomy, L3-L5
					Laminectomy with Partial Facetectomy, L4-5, and Discectomy, L4-5
					Microdiscectomy, Lumbar Spine
Excision Intervert Disc (Begin 1986); Bone Graft Nec; Excise Bone For Grft Nos	80.51	78.09	77.70		Discectomy, Anterior Cervical with Bone Autograft, C-4-5
Excision Intervert Disc (Begin 1986); Dorsolum Fus W/ H Rod (Begin 1989); Fusion Or Refusion Of 23 Ve (Begin 2003)	80.51	81.04	81.62		Discectomy, Anterior with Interbody Fusion T10-T11 and T11-T12 with Anterior CD Horizon Titanium Instrumentation
Excision Intervert Disc (Begin 1986); Excision Intervert Disc (Begin 1986)	80.51	80.51			Discectomy, Anterior Cervical, C5-C6 and C6-C7
Excision Intervert Disc (Begin 1986); Int Fixno Fx Reduct Nec	80.51	78.59			Microdiscectomy with Placement of Titanium Plate, Cervical Spine
Excision Intervert Disc (Begin 1986); Int Fixno Fx Reduct Nec; Ex Chest Cage Bonegft; Bone Graft Nec	80.51	78.59	77.71	78.09	Discectomy, Anterior, T12-L3, with Instrumentation, Rib Autograft, and Allograft
Excision Intervert Disc (Begin 1986); Lumbar Spinal Fus(Begin 1989); Fusion Or Refusion Of 23 Ve (Begin 2003); Insert Interbody Spinal Fusi (Begin 2002)	80.51	81.06	81.62	84.51	Discectomy, Anterior and Interbody Fusion L4-L5 with Anterior Cage Instrumentation
Excision Intervert Disc (Begin 1986); Other Cervical Fus (Ant) (Begin 1980); Excise Bone For Grft Nos; Fusion Or Refusion Of 23 Ve (Begin 2003)	80.51	81.02	77.70	81.62	Discectomy, Anterior Cervical, C6-7, with Interbody Fusion, Anterior Cage Instrumentation and Bone Autograft
Excision Intervert Disc (Begin 1986); Spinal Fusion Nos; Fusion Or Refusion Of 48 Ve (Begin 2003); Bone Graft Nec	80.51	81.00	81.63	78.09	Fusion, Spine, Anterior with Discectomy, T9-L1 with Rib Autograft and Cancellous Allograft
Excision Of Ankle Nec	80.97				Cheilectomy, Ankle
Excision Of Aorta	38.64				Repair, Coarctation, Aorta
Excision Of Hydrocele	61.2				Repair, Hydrocele
					Repair, Hydrocele, Right
					Repair, Hydrocele, Testicular
Excision Of Hydrocele; Incision Of Testes; Scrotum & Tunica I & D	61.2	62.0	61.0		Repair, Hydrocele with Exploration, Testicular, Left
Excision Of Joint Nec; Dorsolum Fus W/ H Rod (Begin 1989); Fusion Or Refusion Of 48 Ve (Begin 2003)	80.99	81.04	81.63		Corpectomy and Discectomy with Anterior Fusion, Spine, T8-T12 by Thoracotomy, Right

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Excision Of Knee Nec	80.96				Resection, En Bloc, Femur, Distal and Knee, Left
					Resection, En Bloc, Femur, Distal, Knee and Tibia, Proximal Left
					Resection, En Bloc, Femur, Distal, Knee and Tibia, Proximal, Right
					Resection, En Bloc, Knee
Excision Of Knee Nec; Arthrot/Pros Removknee	80.96	80.06			Excision, En Bloc, Knee, Left, with Prosthesis
					Excision, En Bloc, Knee, Right, with Prosthesis
Excision Of Knee Nec; Total Knee Replacement (Begin 1989)	80.96	81.54			Resection, Femur, Distal and Tibia, Proximal, Right with Prosthetic Knee Replacement
Excision Of Lip Les Nec	27.43				Excision, Cyst, Lip
					Excision, Lesion, Lip
					Excision, Lesion, Lower Lip
					Excision, Lesion, Upper Lip
					Excision, Mass, Upper Lip, Right
					Excision, Neurofibroma, Upper Lip, Right
					Resection, Hemangioma, Lower Lip
Excision Of Mouth Nec	27.49				Biopsy, Excisional, Mass, Buccal Mucosa, Left
					Excision, Cyst, Oral Cavity, Right
					Excision, Mass, Buccal Mucosa, Right
					Excision, Mass, Oral Cavity
					Excision, Mass, Soft Palate
					Excision, Mucocele
					Excision, Scarred Tissue, Intra-oral Wound, Left
					Excision, Soft Palate
					Excision, Subtotal, Mass, Soft Palate, Left
					Excision, Wide Local, Mass, Soft Palate
					Harvest of Full Thickness Buccal Mucosa Graft, Lip, Lower
					Palatotomy, Partial
					Removal, Mass, Buccal Area
					Removal, Mucocele, Buccal Mucosa
					Resection with Debridement, Lesion, Fungal, Palate, Left
					Resection, Gross Total, Mass, Buccal Space, Right
					Resection, Subtotal, Plexiform Neurofibroma, Buccal Mucosa, Left
Excision Of Mouth Nec; Mouth Repair Nec	27.49	27.59			Debridement with Complex Closure, Wound, Mouth and Lip
Excision Of Mouth Nec; Revis Enuc Socket W Gft	27.49	16.63			Graft, Mucosa, Eye Socket, Left

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Excision Of Pilonid Cyst	86.21				Excision, Pilonidal Cyst
					Excision, Pilonidal Cyst, Buttock, Left
Excision Of Shoulder Nec	80.91				Excision, Shoulder
Excision Of Uvula	27.72				Excision, Papilloma, Uvula
					Excision, Uvula
					Uvulectomy
Excision Of Vessel Nos	38.60				Excision, Partial, Inferior Vena Cava
					Excision, Partial, Lateral Vena Cava
Excision Of Wrist Nec	80.93				Capsulectomy, Wrist
Excision Orbital Lesion	16.92				Cauterization, Granuloma, Orbit, Left
					Debulking, Mass, Orbit
					Excision, Mass, Orbit, Left
					Excision, Mass, Orbit, Right
					Excision, Wide, Mass, Supraorbital, Left
					Orbitotomy, Left with Resection, Tumor
					Orbitotomy, Resection, Subtotal, Mass
					Orbitotomy, Right with Resection, Tumor
					Resection, Orbital Sphenoid Calvarial Tumor, Right by Craniotomy
					Resection, Partial, Mass, Orbital, Right
					Resection, Subtotal, Mass, Supraorbital, Right
Excision Orbital Lesion; Excis Les Lacrimal Gland	16.92	09.21			Excision, Mass, Orbit and Lacrimal Gland, Left
Excision Thyroid Lesion	06.31				Excision, Multiple, Cysts, Thyroid
					Excision, Nodule, Thyroid
					Resection, Mass, Thyroid, Left
					Resection, Mass, Thyroid, Right
Excision Vaginal Lesion	70.33				Excision, Cyst, Vagina
					Excision, Mass, Vagina
					Excision, Polyp, Vagina
					Fulguration, Lesions, Vagina



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Exploratory Laparotomy	54.11				Exploration, Abdomen
					Exploration, Wound, Abdomen
					Laparotomy, Exploratory
					Laparotomy, Exploratory, for Obstruction, Small Bowel
					Staging Laparotomy
					Staging Laparotomy with Multiple Biopsies
Exploratory Laparotomy; Closed Intraabd Mass Bx (Begin 1987)	54.11	54.24			Biopsy, Mass, Retroperitoneum by Exploratory Laparotomy
Exploratory Laparotomy; Closed Liver Biopsy	54.11	50.11			Biopsy, Mass, Lobe of Liver, Right by Exploratory Laparotomy
					Laparotomy, Exploratory, with Biopsy, Liver
Exploratory Laparotomy; Closed Renal Biopsy; Exploratory Laparotomy; Closed Renal Biopsy	54.11	55.23	54.11	55.23	Laparotomy, Exploratory with Biopsies, Kidneys, Bilateral
Exploratory Laparotomy; Lymphatic Struct Biopsy	54.11	40.11			Exploratory Laparotomy with Multiple Lymph Node Biopsies
Exploratory Laparotomy; Remove Fb From Periton	54.11	54.92			Exploration, Abdomen, with Removal, Foreign Body
Exploratory Laparotomy; Simp Exc Lymph Struc Nec	54.11	40.29			Exploratory Laparotomy with Excision of Retroperitoneal Lymphadenopathy
Exploratory Laparotomy; Unilateral Adrenalectomy	54.11	07.22			Exploratory Laparotomy with Adrenalectomy, Right
Exploratory Thoracotomy	34.02				Thoracotomy, Exploratory
					Thoracotomy, Exploratory, Posterior-Lateral, Left
					Thoracotomy, Exploratory, Right
Exploratory Thoracotomy; Destroy Loc Lung Les Nec	34.02	32.29			Exploration, Thoracic with Wedge Resection, Lobe of Lung, Lower, Left by Diaphragmatic Approach
Exposure Of Tooth	24.6				Odontotomy
Ext Audit Canal Reconstr	18.6				Canaloplasty, Ear, Left
					Closure, Plastic, External Auditory Canal
					Meatoplasty, Meatus of Ear, Left
Ext Auditory Canal Incis; Remov Intralum Ear Fb	18.02	98.11			Removal, Foreign Body, Ear
					Removal, Foreign Body, Ear, Right
Ext Ear Diagnos Proc Nec	18.19				Examination, Ear Canal, Left
					Examination, Ear, Left
Ext Ear Diagnos Proc Nec; Ext Ear Diagnos Proc Nec	18.19	18.19			Examination, Ears, Bilateral
Ext Fat For Grft/Banking (Begin 2010)	86.90				Harvest for Graft, Dermal Fat, Lower Abdomen
Ext Fat For Grft/Banking (Begin 2010); Musc/Fasc Excis For Grft	86.90	83.43			Harvest for Graft, Fat and Fascia Lata Muscle, Thigh, Right

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Ext Maxillary Antrot Nec	22.39				Antrostomy, Maxillary (Caldwell Luc)
					Antrotomy, Bilateral (Caldwell Luc)
Exten Buccolabial/Sulcus	24.91				Vestibuloplasty, Mandible, Left
External Ear Biopsy	18.12				Biopsy, Excisional, Lesion, Postauricular, Right
					Biopsy, Excisional, Lesion, Skin of Postauricular Region, Left
					Biopsy, Excisional, Mass, Ear, Right
					Biopsy, Excisional, Mass, Preauricular region, Right
					Biopsy, Excisional, Nevus, Postauricular, Left
					Biopsy, Excisional, Nevus, Skin of Ear
					Biopsy, Excisional, Nodules, Postauricular, Left
					Biopsy, Fine Needle Aspiration, Mass, Preauricular, Left
					Biopsy, Fine Needle, Auricular Area, Left
					Biopsy, Lesion, Preauricular, Left
					Biopsy, Lesion, Preauricular, Right
					Biopsy, Mass, Ear Canal, Left
					Biopsy, Mass, Ear, Left
					Biopsy, Mass, Ear, Right
					Biopsy, Mass, External Ear Canal, Left
					Biopsy, Mass, External Ear Canal, Right
					Biopsy, Mass, Postauricular Region, Left
					Biopsy, Nodule, Postauricular, Right
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Ear, Right
					Biopsy, Shave, Atypical Nevi, Helix of Ear, Left
					Biopsy, Shave, Ear Canal, Left
					Biopsy, Shave, Lesion, Ear, Left
					Biopsy, Shave, Lesion, Postauricular, Right
					Biopsy, Tympanic Membrane, Right
External Ear Biopsy; External Ear Biopsy	18.12	18.12			Biopsy, Ear, Bilateral
External Ear Biopsy; External Ear Incis Nec	18.12	18.09			Biopsy with Exploration, Mass, Auricular Region, Posterior and Superior, Left
External Ear Incis Nec	18.09				Incision and Drainage, Abscess, Behind Ear

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Extracranintracr Bypass(Begin 1991)	39.28				Femoropopliteal Bypass Graft, Left
					Revascularization, Middle Cerebral Artery, Right
					Synangiosis, Pial, Right
Extraocul Mus Transposit	15.5				Retransposition, Superior and Inferior Rectus, Eye, Right
					Transposition, Inferior Oblique Muscle, Eye, Left
					Transposition, Inferior Oblique Muscle, Eye, Right
					Transposition, Inferior Rectus Muscle, Eye, Left
					Transposition, Inferior Rectus Muscle, Eye, Right
					Transposition, Lateral Rectus Muscle, Eye, Left
					Transposition, Lateral Rectus Muscle, Eye, Right
					Transposition, Medial Rectus Muscle, Right
					Transposition, Superior Rectus Muscle, Eye, Right
					Transposition, Superior and Inferior Rectus Muscles
Eye Enuc W Implant Nec	16.42				Enucleation, Eye, Left with Placement of Prosthesis
					Enucleation, Eye, Right with Placement of Prosthesis
Eyeball & Orbit Biopsy	16.23				Biopsy, Excisional, Tumor, Orbit, Right
					Biopsy, Fine Needle Aspirate, Eye
					Biopsy, Incisional, Mass, Orbit, Left
					Biopsy, Mass, Infraorbital, Left
					Biopsy, Mass, Intraorbital, Left
					Biopsy, Mass, Orbital, Right
					Biopsy, Mass, Supraorbital, Left
					Biopsy, Multiple, Orbit, Right
					Biopsy, Orbit, Left
					Biopsy, Orbit, Right
Eyeball & Orbit Biopsy; Lacrimal Gland Biopsy	16.23	09.11			Biopsy, Excisional, Mass, Orbit and Lacrimal Gland, Right
Eyeball Enucleation Nec	16.49				Enucleation, Eye, Left
					Enucleation, Eye, Right

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Eyelid Biopsy	08.11				Biopsy, Excisional, Eyelid, Upper, Left
					Biopsy, Excisional, Lesion, Eyebrow Region, Right
					Biopsy, Eyelid, Lower, Right
					Biopsy, Lesion, Eyebrow, Right
					Biopsy, Punch, Eyebrow, Left
					Biopsy, Shave, Atypical Nevus, Skin of Inner Canthus, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Canthus, Medial, Left
					Biopsy, Skin, Inner Canthus, Right
Eyelid Biopsy; Other Local Destruc Skin	08.11	86.3			Excision, Basal Cell Carcinoma, Skin of Eyebrow and Cheek, Left
Eyelid Epilation Nec	08.93				Excision, Trichiasis, Eyelid, Left
					Removal, In-turned, Eyelashes
Eyelid Epilation Nec; Excise Conjunctiv Lesion; Eyeball Enucleation Nec; Lid Reconstr W Graft Nec	08.93	10.31	16.49	08.69	Excision, Eyelashes, Conjunctiva, Eye, Right with Skin Flap Repair
Eyelid Operation Nec	08.99				Insertion, Gold Weight, Eyelid, Left
					Insertion, Gold Weight, Eyelid, Right
					Insertion, Platinum Plate, Upper Eyelid, Left
					Insertion, Platinum Weight, Eyelid, Right
					Revision, Gold Weight, Eyelid, Right
					Surgery, Eyelid
					Surgery, Plastic, Eyelid, Right
Eyelid Repair Nec	08.89				Graft, Fat, Upper Eyelid, Right
					Repair, Ectropion, Eye Lid
Facial Bone Biopsy	76.11				Biopsy, Dentigerous Cyst, Mandibular, Right
					Biopsy, Excisional, Dentigerous Cyst, Mandibular, Right
					Biopsy, Incisional, Temporal Mandibular Area, Left
					Biopsy, Lesion, Mandible, Left
					Biopsy, Lesion, Maxilla, Left
					Biopsy, Lesion, Maxillary, Right
					Biopsy, Lesion, Retromaxillary Region, Right
					Biopsy, Lesion, Retromolar Trigone Region, Right
					Biopsy, Mandibular Alveolar Bone, Left
					Biopsy, Mass, Mandible
					Biopsy, Mass, Mandible, Left
					Biopsy, Mass, Mandible, Right

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Facial Bone Biopsy	76.11				Biopsy, Mass, Maxilla, Left
					Biopsy, Mass, Maxilla, Right
					Biopsy, Mass, Maxillary Alveolar, Right
					Biopsy, Mass, Pterygomaxillary, Left
					Biopsy, Maxillary Region, Right
					Biopsy, Orbital Bone, Left
					Biopsy, Periorbital, Right
					Biopsy, Persistent Benign Fibro-Osseous Lesion, Mandibular, Left
Facial Bone Biopsy; Closed Brain Biopsy	76.11	01.13			Biopsy, Pterygoid and Infratemporal Fossa, Right
Facial Bone Incision Nec	76.09				Arthrotomy, Temporomandibular, Right
Facial Bone Incision Nec; Facial Bone/Jnt Op Nec	76.09	76.99			Osteotomy, Le Fort III with Application, External Maxillary Distractor
Facial Bone Reconstr Nec	76.46				Reconstruction, Maxillofacial
Facial Bone Repair Nec	76.69				Reduction, Closed with Wire Instrumentation, Fracture, Mandible, Left
Facial Bone Repair Nec; Bone Graft To Face Bone	76.69	76.91			Resection, Bone Flaps, Calvarial, Bilateral
Facial Bone/Jnt Op Nec	76.99				Fixation, Surgical, Fracture, Jaw, Left
					Release, Ankylosis Temporomandibular Joint, Left
Facial Bone/Jnt Op Nec; Cl Reduct Maxillary Fx	76.99	76.73			Fixation, Fracture, Maxilla
Facial Bone/Jnt Op Nec; Facial Bone/Jnt Op Nec	76.99	76.99			Fixation, Surgical, Mandible, Bilateral
					Release, Coronoid Processes of the Mandibles, Bilateral
Facial Rhytidectomy	86.82				Facelift
Facilit Intraoc Circ Nec	12.59				Non-Refractive Selective Laser Trabeculoplasty, Eye, Bilateral
Fallop Tube Repair Nec	66.79				Fimbrioplasty, Right
Fallop Tube Repair Nec; Exploratory Laparotomy; Peritoneal Lavage (Begin 1993)	66.79	54.11	54.25		Repair, Ruptured Ampullary, Fallopian Tube, Right by Exploratory Laparotomy with Peritoneal Lavage
Fallop Tube Repair Nec; Laparoscopy	66.79	54.21			Repair, Prolapsed Fallopian Tube, Right by Laparoscopy
Fallopian Tube Insufflat; Laparoscopy	66.8	54.21			Laparoscopy with Chromopertubation
Fasciotomy	83.14				Fasciotomy, Plantar, Left
					Fasciotomy, Plantar, Right
Fasciotomy; Fasciotomy Of Hand	83.14	82.12			Fasciotomy, Multiple, Forearm and Hand, Right

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Fat Graft Skin/Subq Tiss (Begin 2010)	86.87				Graft, Abdominal Fat Pad
					Graft, Fat, Buttock, Right
					Graft, Fat, Coccyx Region
					Graft, Fat, Face, Left
					Graft, Fat, Face, Right
					Graft, Fat, Midface and Periorbital Regions
Fat Graft Skin/Subq Tiss (Begin 2010); Fat Graft Skin/Subq Tiss (Begin 2010)	86.87	86.87			Graft, Fat, Sinus Cavity, Frontal, Bilateral
Fat Graft Skin/Subq Tiss (Begin 2010); Revis Enuc Socket W Graft	86.87	16.63			Graft, Dermal Fat, Orbital Socket, Left
					Graft, Dermal Fat, Orbital Socket, Right
Femoral Biopsy	77.45				Biopsy, Femoral Head, Right
					Biopsy, Femur
					Biopsy, Femur, Distal, Left
					Biopsy, Femur, Distal, Right
					Biopsy, Femur, Left
					Biopsy, Femur, Proximal, Left
					Biopsy, Femur, Proximal, Right
					Biopsy, Femur, Right
					Biopsy, Fine Needle, Femur, Distal, Right
					Biopsy, Fine Needle, Femur, Medial, Right
					Biopsy, Lesion, Femur, Distal, Left
					Biopsy, Needle, Femur, Distal, Left
					Biopsy, Needle, Femur, Distal, Right
					Biopsy, Needle, Femur, Proximal, Left
					Biopsy, Needle, Femur, Proximal, Right
					Biopsy, Open, Femur, Distal, Left
					Biopsy, Open, Femur, Midshaft, Right
					Biopsy, Open, Femur, Proximal, Left
					Biopsy, Open, Femur, Proximal, Right
					Biopsy, Open, Femur, Right
					Biopsy, Open, Neck of Femur, Left
Femoral Biopsy; Loc Exc Bone Les Femur	77.45	77.65			Biopsy, Mass, Anterior and Medial Femur, Right with Curettement
Femoral Biopsy; Soft Tissue Biopsy; Hip Joint Biopsy	77.45	83.21	80.35		Biopsy, Incisional, Tumor, Hip, Right

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Femoral Division Nec	77.35				Osteotomy, Femur, Left
					Osteotomy, Femur, Right
Femoral Division Nec; Internal Fixationfemur	77.35	78.55			Osteotomy, Femoral Valgus with Internal Fixation, Left
					Osteotomy, Femoral Varus with Internal Fixation, Left
Fiberoptic Bronchoscopy	33.22				Bronchoscopy, Flexible Fiberoptic
Finger Amputation	84.01				Amputation, 3rd and 4th Digit, Hand, Right
					Amputation, Fifth Finger, Left
					Amputation, Second Finger, Left
					Ray Amputation, 2nd and 3rd Finger, Right
					Ray Amputation, 3rd Finger, Left
					Ray Amputation, 4th Finger, Left
					Ray Amputation, 4th Finger, Right
					Ray Amputation, Index Finger
					Removal, Duplicate, Thumb, Left
					Removal, Extra Digit, Hand
					Removal, Extra Digit, Hand, Right
Finger Reattachment	84.22				Reattachment, Finger Tip, Index Finger, Right
					Reattachment, Finger, Right
Fit Above Knee Prothes	84.45				Application, Immediate Fit Prosthesis, Above-Knee, Left
					Application, Immediate Fit Prosthesis, Above-Knee, Right
Fit Below Knee Prothes	84.46				Fitting, Prosthesis, Below Knee, Left
Fit Ext Penile Prothes	64.94				Insertion, Prosthesis, Penis
Foot & Toe Arthroscopy	80.28				Arthroscopy, Foot, Left
Foot Joint Struct Divis	80.48				Release, Contracture, Foot, Right
Forcib Correct Defor Nec	93.29				Manipulation under Anesthesia, Hand, Left
					Manipulation under Anesthesia, Hip, Left
Forequarter Amputation	84.09				Amputation, Forequarter, Left
					Amputation, Forequarter, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Form Cutan Ileoureterost	56.51				Construction, Ileal Conduit (Urostomy)
					Creation, Continent Urinary Diversion with Indiana Pouch
					Creation, External Stoma, Bladder
					Creation, Mitrofanoff Continent Urinary Diversion
Form Cutan Ileoureterost; Exploratory Laparotomy	56.51	54.11			Reimplantation, Ureter, Left into Ileal Loop by Exploratory Laparotomy
Form Cutan Ileoureterost; Urethral Reanastomosis	56.51	58.44			Ileoureterostomy with End to End Anastomosis
Form Cutan Ureterostomy	56.61				Ureterostomy, Cutaneous, Right
					Ureterostomy, Left
Free Skin Graft Nec	86.69				Excision, Skin for Graft, Cheek, Right
					Excision, Skin for Graft, Retroauricular
					Graft, Skin
					Graft, Skin, Arm, Left
					Graft, Skin, Arm, Right
					Graft, Skin, Chin
					Graft, Skin, Foot, Right
					Graft, Skin, Forehead
					Graft, Skin, Knee, Right
					Graft, Skin, Neck/Chest, Left
					Graft, Skin, Plantar Surface, Foot
					Graft, Skin, Split Thickness, Amputation Site, Above Knee, Left
					Graft, Skin, Split Thickness, Calf, Left
					Graft, Skin, Split Thickness, Clavicle, Right
					Graft, Skin, Split Thickness, Face, Right
					Graft, Skin, Split Thickness, Foot, Left
					Graft, Skin, Split Thickness, Popliteal Fossa, Right
					Graft, Skin, Split Thickness, Scalp
					Graft, Skin, Split Thickness, Thigh, Left
					Graft, Skin, Thigh to Calf, Right
					Graft, Skin, to Lower Extremity, Left
					Graft, Skin, to Lower Extremity, Right
					Graft, Split Thickness, Skin
					Graft, Split Thickness, Thigh, Right
					Grafts, Skin, Wound Site, Knee, Left
Free Skin Graft Nec; Free Skin Graft Nec	86.69	86.69			Graft, Skin, Scalp, Left and Face, Right



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Free Skin Graft Nec; Internal Fixpatella; Collaterl Lig Repair Nec	86.69	78.56	81.46		Advancement with Graft Reconstruction and Internal Fixation Hardware, Lateral Collateral Ligament, Knee, Right
Free Skin Graft Nec; Revis Enucl Socket W Graft	86.69	16.63			Graft, Dermis to Orbit Implant, Right
					Graft, Nasal Mucosa, Eye Socket, Left
					Graft, Skin, Orbit, Right
Free Skin Graft Nec; Vulvar/Perin Repair Nec	86.69	71.79			Graft, Skin, Split Thickness, Calf and Perineum, Left
Free Skin Graft Nec; Vulvar/Perin Repair Nec; Free Skin Graft Nec; Hand Skin Graft Nec	86.69	71.79	86.69	86.62	Graft, Skin, Split Thickness, Arm, Perineum, Calf and Hand, Left
Frontal Sinusectomy	22.42				Cranialization, Frontal Sinus
					Debridement, Frontal Sinus Cavity, Left
Frontal Sinusectomy; Other Brain Excision; Other Craniotomy	22.42	01.59	01.24		Resection, Subtotal, Mass, Sinus, Right Frontal, Anterior Clinoid Region, Optic Nerve, Left and Temporal Fossa by Craniotomy
Frontal Sinusotomy	22.41				Sinusotomy, Frontal Sinus, Left
Fusion Or Refusion Of 23 Ve (Begin 2003); Ex Chest Cage Bonegrft; Bone Graft Nec	81.62	77.71	78.09		Repair, Subluxation and Basilar Invagination by Fusion, Occipital Cervical C1-C3 with Autograft, Rib and Allograft
Gas Hysterosalpingogram; Dye Hysterosalpingogram	87.82	87.83			Hysterosalpingogram
Gastric Polypectomys (Begin 1989)	43.41				Endoscopy with Cauterization, Ulcer, Stomach
					Polypectomy, Gastric, Multiple
Gastroenterostomy Nec	44.39				Anastomosis, Gastroduodenal
					Gastric Bypass
					Gastroduodenostomy
					Gastrojejunostomy
					Insertion, Transgastrojejunostomy Tube
Gastroscopy Nec	44.13				Endoscopy, Stomach
					Esophagogastroscopy
Gastroscopy Nec; Sm Bowel Endoscopy Nec	44.13	45.13			Endoscopy, Stomach/Small Intestine
Gastrostomy Closure	44.62				Closure, Gastrostomy Tube Opening
					Resection, Fistula, Gastrocutaneous
Gastrotomy	43.0				Gastrotomy
Gi Ostomy Irrigation	96.36				Irrigation, Enterocutaneous Fistula
Gi Ostomy Irrigation; Sm Bowel Exteriorization; Exploratory Laparotomy	96.36	46.01	54.11		Abdomino-pelvic Washout, Diverting Loop Ileostomy by Exploratory Laparotomy
Gingivoplasty	24.2				Graft, Gingiva
Goniotomy	12.52				Goniotomy, Eye, Left
					Goniotomy, Eye, Right

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Gum Biopsy	24.11				Biopsy, Gingiva
					Biopsy, Lesion, Buccal Gingival, Right
Gum Lesion Excision	24.31				Excision, Cyst, Gum, Lower
					Excision, Gingival Frenulum
					Excision, Lesion, Gingiva
					Excision, Polypoid Gingival Fibroma, Central Incisor, Left
Gum Or Alveolar Incision	24.0				Incision and Drainage, Abscess, Dental
					Incision and Drainage, Odontogenic Abscess
					Removal, Tooth Abscess
Gynecologic Examination; Inject/Infuse Nec	89.26	99.29			Examination Under Anesthesia, Vagina
Hand Plastic Op Nec	82.89				Reconstructive Surgery, Hand, Right
					Repair, Soft Tissue, Hand, Left
Head & Neck Endarter Nec; Procedureone Vessel (Begin 2005)	38.12	00.40			Carotid Endarterectomy, Right
Head & Neck Endarter Nec; Procedureone Vessel (Begin 2005); Angioplast/Atherect (Begin 1995); Procedureone Vessel (Begin 2005)	38.12	00.40	39.50	00.40	Endarterectomy, Carotid, Right with Patch Angioplasty
Head/Neck Ves Incis Nec	38.02				Exploration with Attempted Thrombectomy, Vessel Grafts, Neck
Head/Neck Vessel Excis	38.62				Excision, Internal Jugular Vein, Left
					Resection, Mass, Internal Jugular Vein
Heart Aneurysm Excision	37.32				Repair, Aneurysm, Ventricle, Left
					Repair, Aneurysm, Ventricular, Right
Heart Transplantation (Begin 2003)	37.51				Transplant, Heart
Heart Vessel Op Nec	36.99				Ligation, Pulmonary Artery
					Unroofing, Coronary Artery
Heart/Pericard Repr Nec (Begin 2005)	37.49				Reconstruction, Ventricular Outflow Tract, Right
					Repair, Atrium, Right
Hemispherectomy	01.52				Hemispherectomy, Functional, Left
					Hemispherectomy, Functional, Right by Craniotomy
Hemorrhoid Cauterizat	49.43				Cauterization, Hemorrhoid
Hemorrhoid Ligation	49.45				Banding, Hemorrhoid(s)
Hemorrhoidectomy	49.46				Hemorrhoidectomy
Hepatic Ductgi Anastom	51.37				Hepaticojejunostomy

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Hepatic Lobectomy	50.3				Lobectomy, Hepatic, Left
					Lobectomy, Hepatic, Right
					Resection, Lobe of Liver, Left
					Resection, Lobe of Liver, Right
Hepatic Lobectomy; Laparotomy Nec	50.3	54.19			Lobectomy, Hepatic, Right by Laparotomy
Hindquarter Amputation	84.19				Hemipelvectomy
					Hemipelvectomy, Extended, Left
					Hemipelvectomy, Internal, Left
					Hemipelvectomy, Internal, Right
					Hemipelvectomy, Modified, Left
					Hemipelvectomy, Right
Hip Arthroscopy	80.25				Arthroscopy, Hip
Hip Joint Biopsy	80.35				Biopsy Synovium, Hip, Left
Hip Structure Division	80.45				Capsulotomy, Hip Joint, Right
Homograft To Skin	86.66				Placement, Allograft, Skin
Humerus Biopsy	77.42				Biopsy, Core, Humerus, Right
					Biopsy, Humeral, Bone Canal
					Biopsy, Humerus, Proximal, Left
					Biopsy, Humerus, Proximal, Right
					Biopsy, Humerus, Right
					Biopsy, Mass, Humerus, Left
					Biopsy, Mass, Humerus, Proximal, Left
					Biopsy, Mass, Humerus, Proximal, Right
					Biopsy, Open, Distal Humerus, Left
					Biopsy, Open, Humerus, Proximal, Right
					Biopsy, Open, Humerus, Right
					Biopsy, Open, Mass, Humerus, Proximal, Left
					Biopsy, Open, Midshaft Humerus, Right
					Biopsy, Tru-Cut, Midshaft of Humerus, Right
Hymenotomy	70.11				Hymenotomy

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Hypoepispadias Repair	58.45				Repair, Hypospadias
					Repair, Vesicourethral, of Hypospadias
					Revision, Hypospadias Repair
Hysteroscopy	68.12				Hysteroscopy
Hysterotomy	68.0				Hysterotomy
Ileostomy Nos	46.20				Diverting Ileostomy
					Ileostomy, Closed
Impl Cardiac Support Dev (Begin 2005); Impl Intern Heart Assist (Begin 1995)	37.41	37.66			Insertion, Left Ventricular Assist Device
Impl Other Limb Length (Begin 2004); Femur Length Change	84.54	78.35			Lengthening, Endoprosthesis, Femur, Left
					Lengthening, Endoprosthesis, Femur, Right
Impl Other Limb Length (Begin 2004); Oth Bone Lngth Chnge Nec (Begin 1991)	84.54	78.39			Lengthening, Endoprosthesis, Lower Extremity, Left
Impl Other Limb Length (Begin 2004); Oth Bone Lngth Chnge Nos	84.54	78.30			Non-surgical Lengthening Endoprosthesis
Implant Bladder Stimulat	57.96				Implantation, Stimulator, Bladder
Implant Brain Stimulator	02.93				Implantation, Deep Brain Stimulator, Subthalamic Nucleus
					Placement, Electrophysiologic Monitoring Grid
Implant Brain Stimulator; Imp/Repl Brain Pulse Gen (Begin 2010); Implant Periph Stimulat; Insert/Repl Oth Neurost (Begin 2004)	02.93	01.20	04.92	86.96	Implantation, Stimulator, Cranial and Vagus Nerves
Implant Brain Stimulator; Other Craniotomy	02.93	01.24			Insertion, Electrodes, Brain for Cortical Mapping by Craniotomy
					Insertion, Electrodes, Brain, Left by Craniotomy
Implant Leg Prosthesis	84.48				Insertion, Endoprosthesis, Leg, Left
Implant Leg Prosthesis; Insertion Cement Spacer (Begin 2005); Inject Antibiotic	84.48	84.56	99.21		Placement, Prosthesis with Antibiotic Impregnated Spacer and Beads, Tibia, Right
Implant Leg Prosthesis; Muscle Or Fascia Graft; Free Skin Graft Nec	84.48	83.82	86.69		Reconstruction, Tibia with Implantation Expandable Prosthesis, Knee, Right with Closure, Gastrocnemius Flap and Skin Graft
Implant Periph Stimulat	04.92				Insertion, Neurostimulator Electrode, Vagus Nerve
Implant Periph Stimulat; Insert/Repl Oth Neurost (Begin 2004)	04.92	86.96			Insertion, Neurostimulator, Sacral
					Insertion, Neurostimulator, Sacral, Temporary
Implt Cochlear Prost Nos (Begin 1986)	20.96				Insertion, Cochlear Prosthetic Device, Left
					Insertion, Cochlear Prosthetic Device, Right
Implt/Repl Carddefib Tot (Begin 1986)	37.94				Implantation, Automated Cardiac Defibrillator

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Incis Hernia Repairgrft	53.61				Repair, Epigastric Hernia with Marlex
					Repair, Ventral (Incisional) Hernia, Prosthetic Mesh
Incis Hernia Repairgrft; App/Administr Adhesion Barri (Begin 2002)	53.61	99.77			Repair, Incisional Hernia, Lumbar Area, Left with Marlex Mesh
Incis Larynx Trachea Nec	31.3				Cordotomy, Vocal Cord, Posterior
Incis Larynx Trachea Nec; Other Laryngeal Repair	31.3	31.69			Exploration, Subglottic Stenosis with Insertion, Stint
Incis Larynx Trachea Nec; Other Tracheal Repair	31.3	31.79			Cricoid Split with Reconstruction, Trachea
Incis Larynx Trachea Nec; Remove Tracheostomy Tube	31.3	97.37			Removal, Tracheostomy
Incis Lymphatic Structur	40.0				Drainage, Axillary Lymph Node, Right
					Drainage, Suppurative, Cervical Lymph Node, Left
					Incision and Drainage, Abscess, Cervical Lymph Node, Left
					Incision and Drainage, Cervical Lymph Node
					Incision and Drainage, Inguinal Lymph Node
					Incision and Drainage, Submandibular Lymph Node
					Incision and Drainage, Submental Lymph Node, Right
Incis Perianal Abscess	49.01				Incision and Drainage, Abscess, Perianal
Incis Salivary GlnD/Duct	26.0				Incision and Drainage, Seroma and Salivary Leak, Parotid, Left
Incis Thyroid Field Nec	06.09				Biopsy, Mass, Pineal Region
					Exploration, Neck
					Exploration, Thyroid
Incis Vulva/Perineum Nec	71.09				Incision and Drainage, Abscess, Labial Majora
Incis Vulva/Perineum Nec; Other Skin & Subq I & D	71.09	86.04			Incision and Drainage, Abscess, Perineum
Incise Cerebral Meninges	01.31				Drainage, Hematoma, Subdural by Burr Hole
					Evacuation, Fluid, Subdural, by Craniotomy
					Evacuation, Hematoma, Subacute and Subdural, Left
					Evacuation, Hematoma, Subdural
					Evacuation, Hematoma, Subdural, Frontotemporal Region, by Re-entry Craniotomy
					Removal, Hematoma, Calcified, Chronic, Subdural by Craniotomy, Frontoparietal, Left
Incise Cerebral Meninges; Other Craniotomy	01.31	01.24			Evacuation, Hygroma, Subdural, Left by Craniotomy
					Evacuation, Hygroma, Subdural, Right by Craniotomy
Incise Cerebral Meninges; Spinal Canal Explor Nec	01.31	03.09			Evacuation, Hematoma, Subdural by Osteoplastic Laminotomy from T12 to L2
					Exploration, Intradural

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Incision Of Chest Wall	34.01				Excision, Foreign Body with Drainage, Abscess, Chest Wall, Left
					Incision and Drainage, Abscess, Chest Wall, Right
					Removal, Nuss Bar
					Thoracotomy
					Thoracotomy, Left
					Thoracotomy, Right
Incision Of Chest Wall; Insert Intercostal Cath	34.01	34.04			Thoracotomy, Left with Chest Tube Insertion
					Thoracotomy, Right with Chest Tube Insertion
Incision Of Chest Wall; Laparotomy Nec	34.01	54.19			Thoracotomy
Incision Of Chest Wall; Muscle Or Fascia Graft	34.01	83.82			Removal, Wires, Sternum with Repair, Pectoral Muscle Flap Advancement
Incision Of Chest Wall; Transpleura Thoracoscopy	34.01	34.21			Thoracotomy and Thorascopy, Lobe of Lung, Lower, Right
Incision Of Lung	33.1				Exploration, Lung, Right
Incision Of Mediastinum	34.1				Exploration, Mediastinal
					Exploration, Mediastinal, by Subxiphoid Approach
					Mediastinotomy
					Mediastinotomy, Left
Incision Of Nose	21.1				Exploration, Nasal Cavity
					Rhinotomy
Incision Of Testes	62.0				Removal, Testicular Prosthesis, Left
					Removal, Testicular Prosthesis, Right
Incision Of Testes; Abdominal Wall Incision; Closed Testicular Biopsy	62.0	54.0	62.11		Exploration and Biopsy, Testicle, Left
Incision Of Vessel Nos	38.00				Embolectomy
Incision Pilonidal Sinus	86.03				Incision and Drainage, Pilonidal Cyst
Incision Uterine Septum	68.22				Resection, Uterine Septum
Inj Infus Thrombolytic Agent (Begin 1998)	99.10				Instillation, Thrombin Spray, Chest, Right
					Thrombolysis, Common Femoral Vein, Left
					Thrombolysis, Common Femoral Vein, Right
					Thrombolysis, Common Iliac Vein, Left
					Thrombolysis, Common Iliac Vein, Right
					Thrombolysis, Pulmonary Artery, by Thrombolytic

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Inject Antibiotic	99.21				Insertion, Antibiotic Impregnated Beads, Femur, Left
					Insertion, Antibiotic Impregnated Beads, Knee Region, Right
Inject Ca Chemother Nec	99.25				Chemoembolization, Hepatic Artery, Right
Inject Impl Urethra (Begin 1995)	59.72				DEFLUX Implant Procedure
Inject Steroid	99.23				Injections, Steroid
Inject/Infuse Nec	99.29				Injection, Botox, Salivary Gland
					Sclerotherapy, Shoulder, Right
Inject/Infuse Nec; Ext Ear Diagnos Proc Nec; Nonoperative Exams Nec	99.29	18.19	89.39		Examination, Under Anesthesia, Ear Canal, Right and Nasopharynx
Injection Into Joint	81.92				Dorsal Suspensory Ligament Ligation, Pelvis
					Injection, Diagnostic, Knee, Right
					Injection, Hip Joint, Bilateral
					Injection, Hip Joint, Left
					Injection, Hip Joint, Right
					Injection, Joint, Knee, Femur, Left
					Injection, Joint, Knee, Femur, Right
					Injection, Joint, Knee, Tibia, Left
					Injection, Shoulder Joint, Left
					Injection, Shoulder Joint, Right
Injection Into Joint; Inject Steroid	81.92	99.23			Aspiration with Steroid Injection, Cuboid, Right
					Injection, Steroid, Hip, Right
Injection Into Joint; Injection Into Joint	81.92	81.92			Injection, Joint, Knee, Tibia, Bilateral
Injection Of Larynx; Inject/Infuse Nec	31.0	99.29			Injection, Teflon, Vocal Fold, Right
					Injection, Vocal Cord
Ins Brst Tis Expan (Begin 1987)	85.95				Insertion, Tissue Expander, Breast, Left
					Insertion, Tissue Expander, Breast, Right
Ins Brst Tis Expan (Begin 1987); Ins Brst Tis Expan (Begin 1987)	85.95	85.95			Insertion, Tissue Expander, Breast, Bilateral

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Ins Cathcranial Cavity (Begin 2005)	01.26				Insertion, Implant, Temporal Fossa, Right
					Insertion, Temporal Implant, Left
					Placement, Catheter, Subdural, Left
					Placement, Intradural Catheter
					Placement, Radiophorus Catheter, Thalamic, Left
					Placement, Stereotactic, Catheter for Brachytherapy, Occipital Lobe, Right
Ins Cathcranial Cavity (Begin 2005); Other Craniotomy	01.26	01.24			Revision, Cyst Catheter by Craniotomy
Ins Cathcranial Cavity (Begin 2005); Radioactive Elem Implant	01.26	92.27			Insertion, Afterloading Catheter, Frontal Lobe, Left
					Insertion, Afterloading Catheters, Frontal Lobe, Right
					Placement, Stereotactic, Catheter for Brachytherapy, Occipital Lobe, Left
Inser Bone Stimtib/Fib (Begin 1987)	78.97				Insertion, Growth Plate, Ankle
Insert 1 Vascular Stent (Begin 2005)	00.45				Placement, Stent, Cardiac
					Placement, Stent, Carotid, Right
Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	00.45	00.40			Placement, Stent, Pulmonary Artery, Left
Insert Aqueous Drain Dev (Begin 2011)	12.67				Placement, Glaucoma Shunt Valve, Eye
Insert Bone Stimfemur (Begin 1987)	78.95				Insertion, Electrical Stimulator, Femur, Left
					Insertion, Growth Plate, Hip
					Insertion, Growth Plate, Knee
Insert Endotracheal Tube; Inf Liquid Brachy Isotop (Begin 2005)	96.04	92.20			Placement, Endotracheal Tube, For Endocavity Brachytherapy, Nasopharynx
Insert Gastric Tube Nec; Gastric Lavage	96.07	96.33			Intraoperative Colonic Lavage
Insert Indwelling Cath	57.94				Insertion, Drain, Bladder
Insert Infusion Pump (Begin 1987)	86.06				Implantation, Drug Delivery Device, Subcutaneous, Arm, Left
					Implantation, Insulin Delivery Device, Subcutaneous
Insert Infusion Pump (Begin 1987); Insert Spinal Canal Cath (Begin 1987)	86.06	03.90			Insertion, Baclofen Pump
Insert Interbody Spinal Fusi (Begin 2002)	84.51				Reduction, Kyphosis by Insertion, Instrumentation, Posterior Spine, T3-L1
Insert Interbody Spinal Fusi (Begin 2002); Insert Othr Spin Device (Begin 2004); Int Fixno Fx Reduct Nec	84.51	84.59	78.59		Insertion, Hardware, Spine



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Insert Intercostal Cath	34.04				Drainage, Abscess, Mediastinal, Retropleural Approach
					Drainage, Empyema
					Insertion, Chest Tube, Left
					Insertion, Chest Tube, Right
					Insertion, Drain, Seroma, Chest Wall, Right
					Insertion, Tube, Chest
					Pleurodesis
Insert Intercostal Cath; Insert Intercostal Cath	34.04	34.04			Insertion, Chest Tubes, Bilateral
Insert Intercostal Cath; Radioactive Elem Implant	34.04	92.27			Insertion, Afterloading Catheter, Chest Wall
					Insertion, Afterloading Catheters, Supraclavicular Chest Wall, Right
Insert Intestinal Tube	96.08				Decompression, Jejunum
Insert Nasopharyn Airway	96.01				Insertion, Afterloading Catheter and Cesium Source, Nasopharynx
Insert Nasopharyn Airway; Radioactive Elem Implant	96.01	92.27			Insertion, Afterloading Catheter, Nasopharynx
Insert Othr Spin Device (Begin 2004)	84.59				Insertion, Stabilization Plate, Cervical Spine
Insert Pseudophakos Nos	13.70				Insertion, Lens, Anterior Chamber, Eye
					Insertion, Lens, Posterior Chamber, Eye, Left
					Insertion, Lens, Posterior Chamber, Eye, Right
Insert Rectal Tube	96.09				Insertion, Drain, Transrectal
Insert Spinal Canal Cath (Begin 1987)	03.90				Placement, Epidural Catheter
Insert Spinal Stimulator	03.93				Placement, Neurostimulator Electrode, Dorsal Column
					Placement, Neurostimulator Electrode, Trial, Dorsal Column
Insert Spinal Stimulator; Insert/Repl Oth Neurost (Begin 2004)	03.93	86.96			Placement, Spinal Cord Neurostimulator and Generator
Insert Spinal Stimulator; Peripheral Nerve Suture	03.93	04.3			Harvest, Greater Auricular Nerve and Neurorrhaphy
Insert Testicular Prosth	62.7				Insertion, Testicular Prosthesis, Left
					Insertion, Testicular Prosthesis, Right
Insert Testicular Prosth; Insert Testicular Prosth	62.7	62.7			Insertion, Testicular Prosthesis, Bilateral
Insert Tissue Expander (Begin 1987)	86.93				Exchange, Soft Tissue Expander, Labia Majora, Right
					Insertion, Soft Tissue Expanders, Labia Majora, Bilateral
					Insertion, Tissue Expander, Scalp, Occipitofrontal Junction
					Insertion, Tissue Expanders, Subgaleal

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Insert Vasc Access Dev (Begin 1990)	86.07				Insertion, Subcutaneous Port
					Insertion, Subcutaneous Port, Cephalic Vein, Right
					Insertion, Subcutaneous Port, External Jugular Vein, Left
					Insertion, Subcutaneous Port, External Jugular Vein, Right
					Insertion, Subcutaneous Port, Left
					Insertion, Subcutaneous Port, Right
					Placement, Subcutaneous Port, Percutaneous, Right
					Placement, Subcutaneous Port, Percutaneous, Subclavian Vein, Right
Insert Vestoves Cannul	39.93				Creation, Arteriovenous Fistula, Arm
					Creation, Microvascular Arteriovenous Fistula
					Creation, Radiocephalic Fistula, Arm, Right
Insert/Repl Oth Neurost (Begin 2004)	86.96				Placement, Generator, Sacral Nerve Stimulator
					Replacement, Pulse Generator, Neurostimulator, Vagus Nerve
Insert/Repl Oth Neurost (Begin 2004); Insert Spinal Stimulator	86.96	03.93			Implantation, Spinal Cord Stimulator
Insert/Replac Skull Tong	02.94				Revision, Halo Pin Placement
Insert/Replac Skull Tong; Spine Tract W Skull Dev	02.94	93.41			Fixation, Cervical Spine, Posterior, with Halo Insertion
Insert/Replace Evd (Begin 2011)	02.21				Placement of External Ventricular Drain
Insertion Cement Spacer (Begin 2005)	84.56				Insertion, Antibiotic Impregnated Cement Spacer, Femur, Distal, Right
					Insertion, Antibiotic Impregnated Cement Spacer, Femur, Left
					Insertion, Antibiotic Impregnated Cement Spacer, Femur, Right
					Insertion, Antibiotic Impregnated Cement Spacer, Knee Region, Left
					Insertion, Antibiotic Impregnated Cement Spacer, Knee, Right
					Insertion, Antibiotic Impregnated Cement Spacer, Tibia, Left
					Insertion, Antibiotic Impregnated Cement Spacer, Tibia, Right
					Insertion, Intercalary Expandable Intermedullary Spacer, Ulna, Left
					Insertion, Spacer, Humerus, Right

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Int Fix W/O Fx Reduc Nos	78.50				Placement, Bone Transport Rod
					Revision, Bone Transport Rod
					Revision, Intramedullary Rod
					Surgical Lengthening Endoprosthesis
Int Fixationchest Cage	78.51				Fixation, Surgical, Clavicle
					Plating, Ribs, 4-8, Left
					Replacement, Surgical, Titanium Instrumentation, T5-T9 Ribs, Posterolateral, Right
Int Fixationhumerus	78.52				Fixation, Surgical, Humerus, Left
					Fixation, Surgical, Humerus, Right
					Insertion, Custom Made Modular Prosthesis, Humerus, Proximal, Right
					Revision, Intramedullary Rod, Humerus, Proximal, Right
Int Fixationhumerus; Open Redint Fix Humerus	78.52	79.31			Fixation, Surgical, Fracture, Humerus, Left with Intramedullary Rod
Int Fixationmetacar/Car	78.54				Fixation with Pins, Fracture, Hand, Right
Int Fixationmetatar/Tar	78.58				Fixation, Internal with Screw, Metatarsal, Fifth
					Fixation, Surgical, Hallux Malleus of Metatarsal
					Repair with Internal Fixation, Foot, Left
Int Fixationradius/Ulna	78.53				Fixation, Surgical, Forearm, Left
					Fixation, Surgical, Forearm, Right
Int Fixationradius/Ulna; Op Redint Fix Rad/Ulna	78.53	79.32			Fixation, Surgical, Fracture, Arm, Left with Placement, Pins
					Fixation, Surgical, Fracture, Bone of Forearm, Left with Metal Plate
Int Fixationradius/Ulna; Open Reducradius/Uln Fx	78.53	79.22			Fixation, Surgical, Fracture, Radius, Left
					Fixation, Surgical, Fracture, Radius, Right
					Fixation, Surgical, Fracture, Ulna, Left
Int Fixationtibia/Fibul	78.57				Insertion, Custom Made Prosthesis, Tibia, Proximal, Left
					Insertion, Internal Fixation Hardware, Tibia, Left
					Insertion, Titanium Syndesmosis Screws, Tibia and Fibula, Proximal and Distal, Left
					Pinning, K-Wire, Fracture, Tibia, Right
					Repair, Orthopedic Hardware, Tibia, Left

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Int Fixationtibia/Fibul; Bone Grafttibia/Fibula	78.57	78.07			Placement, Bio-Foam Augment Support Device with Bone Graft, Tibia, Right
					Reconstruction, Allograft with Internal Fixation, Tibia, Right
Int Fixationtibia/Fibul; Bone Grafttibia/Fibula; Aut Bone Marrow Trnsplnt (Begin 1988)	78.57	78.07	41.01		Placement, Intercalary Allograft and Bone Marrow Aspirate Autograft, with Internal Fixation, Tibia, Left
Int Fixationtibia/Fibul; Int Fixationtibia/Fibul	78.57	78.57			Insertion, Internal Fixation Hardware, Tibia, Bilateral
Int Fixationtibia/Fibul; Open Reductibia/Fib Fx	78.57	79.26			Fixation, Surgical, Fracture, Leg, Right
					Fixation, Surgical, Fracture, Tibia and Fibula, Right
Int Fixno Fx Reduct Nec	78.59				Fixation with Titanium Plate, Anterior Cervical, C5-C7
					Fixation, Surgical, Finger, Fourth, Left
					Implantation, Expandable Titanium Instrumentation, T5-L4 Ribs, Right
					Implantation, Expandable Titanium Instrumentation, T5-T9 Ribs, Posterolateral, Right
					Insertion, Instrumentation, Spine, Posterior, T3-L4
					Insertion, Pins, Hand, Left
					Insertion, Pins, Hand, Right
					Insertion, Pins, Thumb, Left
					Percutaneous Pinning, Distal and Proximal Phalanx, Great Toe, Right
					Placement, Harrington Rod(s)
					Placement, Luque Rod
					Repair with Internal Fixation, Finger, 5th, Left
					Repair with Internal Fixation, Foot, Right
					Revision, Spinal Rods
Int Fixno Fx Reduct Nec; Bone Graft Nec	78.59	78.09			Reinstrumentation, T10-L4 with Autogenous Bone Graft and Danek Tsrh Titanium Instrumentation
Int Fixno Fx Reduct Nec; Immobiliz/Wound Attn Nec; Close Redint Fix Finger	78.59	93.59	79.14		Fixation, Fracture, Finger, Middle, Left
Int Fixno Fx Reduct Nec; Int Fixno Fx Reduct Nec	78.59	78.59			Repair with Internal Fixation, Foot, Bilateral
Int Fixno Fx Reduct Nec; Oth Bone Lngth Chnge Nec (Begin 1991); Impl Other Limb Length (Begin 2004)	78.59	78.39	84.54		Reinsertion, Spinal Fixation Device with Lengthening of Growing Rod Construct
Int Fixno Fx Reduct Nec; Vertebral Fx Repair	78.59	03.53			Fixation, Surgical, Fracture, Lumbar Vertebra
Int Insert Pacemak Lead (Begin 1987); Int Or Repl Perm Pacemkr (Begin 1987)	37.70	37.80			Insertion, Cardiac Pacemaker
Int Or Repl Perm Pacemkr (Begin 1987)	37.80				Replacement, Battery, Pacemaker
					Replacement, Generator, Pacemaker

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Internal Fixationfemur	78.55				Fixation, Internal with Screw, Capital Femoral Epiphysis, Left
					Fixation, Internal with Screw, Capital Femoral Epiphysis, Right
					Insertion, Custom-Made Modular Rotating Hinge Lacey Prosthesis, Femur, Distal, Left
					Insertion, Custom-Made Modular Rotating Hinge Prosthesis, Femur, Distal, Right
					Insertion, Internal Fixation Hardware, Femur, Left
					Insertion, Internal Fixation Hardware, Femur, Right
					Insertion, Intramedullary Interlocking Nail, Femur, Right
					Insertion, Pins, Neck of Femur, Left
					Pinning, Slipped Femoral Epiphysis, Right
Internal Fixationfemur; Bone Graft To Femur	78.55	78.05			Repair, Nonunion, Femur, Left by Internal Fixation Hardware and Bone Graft
					Repair, Nonunion, Femur, Right by Internal Fixation Hardware and Bone Graft
					Repair, Nonunion, Femur, Right with Placement of Intramedullary Rod and Bone Grafting
Internal Fixationfemur; Int Fixationtibia/Fibul; Open Reducint Fix Femur; Op Redint Fix Tib/Fibul	78.55	78.57	79.35	79.36	Fixation, Surgical, Fracture, Femur and Bone of Lower Leg, Left with Intramedullary Rod
Internal Fixationfemur; Internal Fixationfemur	78.55	78.55			Insertion, Pins, Neck of Femur, Bilateral
Internal Fixationfemur; Open Reducint Fix Femur	78.55	79.35			Fixation, Surgical, Fracture, Femur with Intramedullary Rod, Left
					Fixation, Surgical, Fracture, Femur with Intramedullary Rod, Right
					Fixation, Surgical, Fracture, Femur, Left
					Fixation, Surgical, Fracture, Femur, Right with Plate and Screws
Interruption Vena Cava	38.7				Insertion, Filter, Inferior Vena Cava
					Insertion, Greenfield Filter, Inferior Vena Cava
Intest Seg Isolat Nos; Repair Rectovag Fistula	45.50	70.73			Isolation, Fistula, Rectovaginal
Intest Stoma Revis Nos	46.40				Repair, Opening of Colostomy
Intestinal Anastom Nos	45.90				Enteroenterostomy
					Resection, Previous Anastomosis, Colon, Left
Intestinal Anastom Nos; Smtosm Bowel Anastom	45.90	45.91			Anastomosis, Lateral to Lateral, Small Bowel
Intestinal Incision Nos	45.00				Enterotomy for Decompression
					Enterotomy with Repair
					Removal, Calculus, Continent Urinary Pouch

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Intraab Bowel Manip Nos	46.80				Reduction, Intussusception
					Repair, Strangulated Intestine
Intraab Bowel Manip Nos; Laparotomy Nec	46.80	54.19			Reduction, Manual, Ileo-Ileal Intussusception by Laparotomy
Intraabd Sm Bowel Manip	46.81				Reduction, Intussusception, Ileal
					Reduction, Intussusception, Jejunal-Jejunal by Laparotomy
					Reduction, Intussusception, Small Bowel
Intraabd Venous Shunt	39.1				Anastomosis, Superior Mesenteric Vein to Portal Vein
					Insertion, Transjugular Intrahepatic Portosystemic Shunt
					Interposition of Vascular Graft (Meso-Rex Bypass), Superior Mesenteric Vein and Left Portal Vein (Rex Recessus)
					Synangiosis, Pial, Left
Intracapsul Lens Ext Nec	13.19				Extraction of Cataract, Eye, Left
					Extraction of Cataract, Eye, Right
					Lensectomy, Eye, Left
					Lensectomy, Eye, Right
					Removal, Cataract, Left
Intracapsul Lens Ext Nec; Anterior Remov Vitreous	13.19	14.71			Extraction, Cataract with Posterior Capsulectomy and Anterior Vitrectomy, Eye, Right
Intracapsul Lens Ext Nec; Insert Lens At Catar Ext	13.19	13.71			Extraction, Cataract, Left, with Placement of Lens, Posterior
					Extraction, Cataract, Right with Placement of Lens, Posterior Chamber
					Removal, Cataract, Left with Insertion of Implant
					Removal, Cataract, Right with Insertion of Implant
Intracapsul Lens Ext Nec; Intracapsul Lens Ext Nec	13.19	13.19			Removal, Cataracts
Intracereb Cth-Burr Hole (Begin 2006)	01.28				Insertion, Catheter, Stereotactic, Midbrain
Intracran Pressure Montr (Begin 2007)	01.10				Placement, Intracranial Pressure Monitor
Intracran Vessel Excis	38.61				Resection, Basilar Artery
					Resection, Cavernous Angioma, Temporal Lobe, by Craniotomy
					Resection, Posterior Inferior Cerebellar Artery
Intralum Vag Adhesiolys	70.13				Lysis, Adhesions, Vagina
					Lysis, Synechia, Introitus

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Intranas Les Destruction	21.31				Cauterization, Friable Mucosa, Nasal Septum, Left
					Excision, Mass, Internal Nose, Right
					Excision, Mass, Nasal
					Excision, Polyp, Nasal
					Excision, Tissue or Lesion, Turbinates
					Polypectomy, Nasal
					Polypectomy, Nasal, Left
					Removal, Scar tissue, Choana(s)
					Resection, Lesion, Nasal Cavity, Right
					Resection, Tumor, Nasal Septum
Intranas Les Destruction; Ethmoidectomy	21.31	22.63			Excision, Radical, Tumor, Nasal and Ethmoid
Intranas Les Destruction; Rhinoscopy	21.31	21.21			Endoscopy with Debridement, Nasal
Intranasal Antrotomy	22.2				Antrostomies
					Antrostomies, Intranasal
					Antrostomies, Middle Meatal
					Antrostomies, Nasal Meatus, Inferior, Left
					Antrostomies, Sinus
					Antrostomies, Sinus with Lavage
					Antrostomy, Endoscopic, Maxillary Sinus, Bilateral
					Antrostomy, Frontal Sinus, Right
					Antrostomy, Maxillary, Left
					Antrostomy, Maxillary, Right
					Debridement, Maxillary Antrostomy, Left
					Drainage, Maxillary Sinus, Left
					Drainage, Maxillary Sinus, Right
Intranasal Antrotomy; Diather/Cryo Turbinectom	22.2	21.61			Windows, Nasal with Cauterization Turbinates
Intranasal Antrotomy; Intranasal Antrotomy	22.2	22.2			Antrostomies, Bilateral
					Antrostomies, Nasal Meatus, Bilateral
					Revision, Antrostomy, Maxillary, Bilateral
					Windows, Nasoantral, Bilateral
Intranasal Antrotomy; Nasal Biopsy	22.2	21.22			Window, Nasoantral, Bilateral with Biopsy
Intranasal Antrotomy; Nasal Sinus Dx Proc Nec	22.2	22.19			Endoscopic Inferior Meatus Antroscopy, Bilateral
Intranasal Antrotomy; Sinus Aspirat/Lavage Nos	22.2	22.00			Windows, Nasoantral, Bilateral, with Lavage
Intraop Gastric Manipul	44.92				Correction, Gastric Volvulus

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Intraspinal Nerve Root Div	03.1				Resection, Gross Total, Tumor, Spinal Cord, L4 by Laminectomy, L3-L5
					Rhizotomy
					Rhizotomy, Dorsal, T11-T12
					Rhizotomy, T12
Intraspinal Nerve Root Div; Lumbosac Spine Xray Nec	03.1	87.24			Rhizotomy, Lumbosacral, by Fluoroscopic Guidance
Intraspinal Nerve Root Div; Lumbosac Spine Xray Nec; Skel Xray/pelvis/Hip Nec	03.1	87.24	88.26		Rhizotomy, Sacroiliac Joint, by Fluoroscopic Guidance
Intravenous Pyelogram	87.73				Nephrostogram
					Pyelogram, Antegrade Ureteral
Intracran Vent Shunt/Anas (Begin 2011)	02.22				Endoscopic, Third Ventriculostomy, by Craniotomy
					Implantation, Rickham Reservoir, Frontal, Left
					Insertion, Ommaya Reservoir, by Frameless Stereotactic Guidance
					Intraventricular Septostomy
					Placement, Ventriculostomy, Left
					Placement, Ventriculostomy, Right
					Third Ventriculocisternostomy by Endoscopy
					Ventriculocisternostomy, Third Ventricle
					Ventriculostomy
					Ventriculostomy Placement, Occipital Horn, Right
					Ventriculostomy, Frontal, Right
					Ventriculostomy, Occipital, Right
					Ventriculostomy, Third Ventricle
					Ventriculostomy, Tunnel, Frontal Lobe, Left
					Ventriculostomy, Tunnel, Occipital, Left
Intracran Vent Shunt/Anas (Begin 2011); Immobiliz/Wound Attn Nec	02.22	93.59			Insertion, Ommaya Reservoir, Cyst, Suprasellar Region, by Stereotactic Craniotomy
Intracran Vent Shunt/Anas (Begin 2011); Intracran Vent Shunt/Anas (Begin 2011)	02.22	02.22			Ventriculostomy, Bilateral
Intracran Vent Shunt/Anas (Begin 2011); Other Craniotomy	02.22	01.24			Insertion, Ommaya Reservoir, Cyst, Suprasellar Region, by Craniotomy
Iridectomy Nec	12.14				Iridectomy
					Iridectomy, Left
					Iridectomy, Right



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Irrigation Of Ear	96.52				Debridement, Cerumen, External Auditory Canal, Left
					Removal, Cerumen, Ear, Left
					Removal, Cerumen, Ear, Right
Irrigation Of Ear; Irrigation Of Ear	96.52	96.52			Removal, Cerumen Impaction, Bilateral
					Removal, Cerumen, Ear, Bilateral
Irrigation Of Ear; Irrigation Of Ear; Irrigation Of Nasal Pass	96.52	96.52	96.53		Irrigation of Ears, Bilateral, Nose and Nasopharynx
Isotope Inject/Instill	92.28				Instillation, P-32, Midbrain
					Instillation, P32, Cyst, Suprasellar
					Instillation, P32, Cyst, Thalamus, Left
					Instillation, Radiophosphorus, Cyst Cavity, Thalamic, Left
Joint Biopsy Nec	80.39				Biopsy, Tumor, Sacrococcygeal
Jt Structur Division Nec	80.49				Release, Anterior Spinal, T12-L4
Jt Structur Division Nos	80.40				Capsulotomy, Multiple Digits
Keratomeleusis	11.71				Refractive Laser Surgery (LASIK)
					Refractive Laser Surgery (LASIK), Eye, Left
					Refractive Laser Surgery (LASIK), Eye, Right
Keratomeleusis; Keratomeleusis	11.71	11.71			Refractive Laser Surgery (LASIK), Eye, Bilateral
Kidney Transplant Nec	55.69				Transplant, Kidney
					Transplant, Kidney, Left
					Transplant, Kidney, Right
Knee Arthroscopy	80.26				Arthroscopy, Knee
					Arthroscopy, Knee, Left
					Arthroscopy, Knee, Right
					Exploration, Knee, Left
Knee Arthroscopy; Knee Arthroscopy	80.26	80.26			Arthroscopy, Knee, Bilateral
Knee Joint Biopsy	80.36				Biopsy, Incisional, Mass, Knee, Left
					Biopsy, Incisional, Mass, Knee, Posterior, Left
					Biopsy, Synovium, Knee, Left
					Biopsy, Synovium, Knee, Right
Knee Joint Biopsy; Knee Arthroscopy	80.36	80.26			Arthroscopy with Bone Biopsy, Knee, Left
Knee Joint Biopsy; Skin & Subq Biopsy	80.36	86.11			Biopsy, Excisional, Knee, Left
Knee Structure Division	80.46				Capsulotomy, Knee, Right

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Knee Synovectomy	80.76				Debridement, Plica, Knee, Right
					Synovectomy, Knee, Left
Labial Frenumectomy	27.41				Frenulectomy, Maxillary
Labial Frenumectomy; Lingual Frenectomy	27.41	25.92			Frenectomy
Lac Canaliculi Probe	09.42				Dilation, Stenosis, Lacrimal Duct, Left
Lac Canaliculi Probe; Nasolac Duct Intubat	09.42	09.44			Dilation With Insertion of Stent, Lacrimal Duct, Eye, Left
Lac Passage Manip Nec	09.49				Surgical Occlusion, Nasolacrimal Duct, Bilateral
Lacrim Passage Incis Nec	09.59				Drainage, Lacrimal Eye Duct
Lacrimal Gland Biopsy	09.11				Biopsy, Lacrimal Gland
Lacrimal Sac Incision; Other Pleural Incision	09.53	34.09			Dacryocystopleurotomy
Lacrimal System Op Nec	09.99				Removal, Crawford Tubing, Nasolacrimal Duct, Eye, Left
					Removal, Stent, Lacrimal
					Thermal Punctal Occlusion
					Thermal Punctal Occlusion, Eye, Right
Lap Creat Esoph Sphinct (Begin 2004)	44.67				Fundoplication, Laparoscopic
Lap Gastric Restric Proc (Begin 2004)	44.95				Adjustable Gastric Banding, Laparoscopic
Lap Radical Vaginal Hyst (Begin 2006); Lapar Remov Salp Ov Bil (Begin 1996)	68.71	65.63			Hysterectomy, Radical with Salpingo-Oophorectomy, Bilateral by Laparoscopy
Lap Rem Gast Restric Dev (Begin 2004)	44.97				Removal, Gastric Band
Lap Rev Gast Restri Proc (Begin 2004)	44.96				Conversion, Gastric Banding to Gastric Sleeve by Laparoscopy
Lap Tot Intr-Ab Colectmy (Begin 2008)	45.81				Colectomy, Total, Laparoscopic
Lap Total Abdominal Hyst (Begin 2006); Laparoscopic Supracervical H (Begin 2003); Lapar Assist Vag Hys (Begin 1996)	68.41	68.31	68.51		Hysterectomy, Laparoscopic
Lapar Bx Ovary (Begin 1996)	65.13				Biopsy, Laparoscopic, Wedge Resection, Ovary, Left
Lapar Lysis Adhes Ov (Begin 1996)	65.81				Lysis, Adhesions, Ovary, Left by Laparoscopy
Laparoscop Appendect (Begin 1996)	47.01				Appendectomy, Laparoscopic
Laparoscopic Cholecystec (Begin 1991)	51.23				Cholecystectomy, Laparoscopic
Laparoscopic Cholecystec (Begin 1991); Intraoper Cholangiogram	51.23	87.53			Cholecystectomy, Laparoscopic with Cholangiogram

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Laparoscopic Liver Bx (Begin 2007)	50.14				Biopsy, Laparoscopic, Lobe of Liver, Right
					Biopsy, Liver by Transumbilical Laparoscopy
					Biopsy, Mass, Porta Hepatis, by Laparoscopy
					Biopsy, Needle, Laparoscopic Guided, Mass, Hepatic
					Laparoscopy with Needle Biopsy, Mass, Liver
					Laparoscopy with Trucut Needle Biopsies, Liver
Laparoscopy	54.21				Laparoscopy
					Laparoscopy, Diagnostic
					Laparoscopy, Diagnostic with Aspiration, Inflammatory Fluid
					Laparoscopy, Exploratory
					Laparoscopy, Pelvic
Laparoscopy; Bilat Tubal Destruct Nec	54.21	66.39			Laparoscopic Evaluation with Tubal Ligation, Bilateral
Laparoscopy; Salpingotomy (Begin 1992)	54.21	66.01			Surgery, Laparoscopic, Tubal Pregnancy
Laparotomy Nec	54.19				Drainage, Fluid, Pelvic, Right by Retroperitoneal Approach
					Drainage, Hematoma, Retroperitoneum
					Evacuation, Hematoma, Surgical Wound, Abdomen
					Incision and Drainage, Abscess, Abdominal
					Incision and Drainage, Abscess, Subhepatic
					Insertion, Jackson-Pratt Drain, Wound, Abdominal Wound
					Laparoscopy, Attempted
					Laparotomy
					Laparotomy, Abdomen
					Laparotomy, Intestinal
					Laparotomy, Mini-Exploratory
					Laparotomy, Pelvic
Laparotomy Nec; Nonexcis Debridement Wnd(Begin 1988)	54.19	86.28			Incision and Drainage with Debridement, Abscess, Abdominal Wall
Laparotomy Nec; Oth Lysis Abd Adhes (Begin 1996)	54.19	54.59			Laparotomy, with Lysis of Adhesions
Lapsc Lysis Abd Adhes (Begin 1996)	54.51				Laparoscopy, Exploratory with Lysis of Adhesions
					Laparoscopy, Exploratory, with Lysis of Abdominal Adhesions
Lapsc Lysis Abd Adhes (Begin 1996); Intraabdomin Shunt Nec	54.51	39.26			Extensive Lysis of Adhesions and Ileoileal Bypass by Exploratory Laparotomy
Lapsc Lysis Abd Adhes (Begin 1996); Oth Lysis Abd Adhes (Begin 1996)	54.51	54.59			Enterolysis, Adhesions, Small Bowel
Large Bowel Incision	45.03				Decompression, Bowel

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Laryngoscopy/Tracheoscop	31.42				Laryngoscopy
					Laryngoscopy, Direct
					Laryngoscopy, Fiberoptic
Laryngoscopy/Tracheoscop; Bronch/Trach Lavage Nec	31.42	96.56			Laryngoscopy with Tracheal Lavage
Laryngoscopy/Tracheoscop; Pharyngoscopy	31.42	29.11			Laryngoscopy and Nasopharyngoscopy
Left Hemicolectomy (Begin 1988)	45.75				Colectomy, Left
					Hemicolectomy with Re-Anastomosis
Left Hemicolectomy (Begin 1988); Intestinal Anastom Nos	45.75	45.90			Colectomy, Partial, Left with Side to Side Anastomosis
Left Hemicolectomy (Begin 1988); Lgtolg Bowel Anastom	45.75	45.94			Colectomy, Radical, Left with Sutured Primary Colonic Anastomosis
Left Hemicolectomy (Begin 1988); Right Hemicolectomy	45.75	45.73			Hemicolectomy
Left Hemicolectomy (Begin 1988); Sigmoidectomy	45.75	45.76			Resection, Partial, Colon, Descending and Sigmoid, by Laparotomy
Left Lat Sphincterotomy	49.51				Sphincterotomy, Lateral
Leg Artery Excision	38.68				Resection, Popliteal Artery, Right
Leg Artery Resec W Repla	38.48				Resection, Posterior Tibial Artery, Right with Saphenous Vein Bypass Graft
Leg Varicos V Ligastrap	38.59				Ligation, Varicose Vein, Leg
					Surgery, Varicose Veins, Leg, Left
Leg Varicos V Ligastrap; Leg Varicos V Ligastrap	38.59	38.59			Surgery, Varicose Veins, Leg, Bilateral
Leg Vein Excision	38.69				Excision, Saphenous Vein
					Harvest, Saphenous Vein Graft
Lg Bowel Exteriorization	46.03				Colostomy, Loop, Sigmoid with Immediate Maturation
					Colostomy, Transverse Loop
Lg Bowel Stoma Closure	46.52				Closure of Colostomy
					Closure, Colostomy, Left
Lg Bowel Stoma Revis Nec	46.43				Closure, Stoma, Large Intestine
					Repair, Attempted, Colostomy Site
					Revision, Colostomy

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Lgtolg Bowel Anastom	45.94				Anastomosis, End to End, Transverse Colon to Proximal Rectum
					Anastomosis, End to Side, Descending Colon and Distal Rectum
					Anastomosis, End to Side, Descending and Sigmoid Colon
					Anastomosis, End to Side, Splenic Flexure and Sigmoid Colon
					Anastomosis, Side to Side, Descending Colon and Rectum
					Colocolostomy
Lid Lac Rxful Thic Nec	08.85				Closure, Eyelid, Complete, Left
Lid Lacer Rxprt Th Nec	08.83				Closure, Eyelid, Partial, Left
Lid Reconst W Skin Graft	08.61				Graft, Skin, Eyebrow, Right
					Rotation, Lash Margin, Lower Eyelid, Right
Lid Reconstr W Graft Nec	08.69				Graft, Full Thickness Skin, Upper Eyelid, Left
					Graft, Full Thickness Skin, Upper Eyelid, Right
					Scleral Graft, Upper Eye Lid, Left
Lid Reconstruction Nos	08.70				Blepharoplasty, Eye, Left
					Blepharoplasty, Eye, Right
					Blepharoplasty, Lower Eyelid, Left
					Blepharoplasty, Upper Eyelid, Right
					Reconstruction, Eyelid, Left
					Reconstruction, Eyelid, Lower, Right
					Reconstruction, Eyelid, Upper, Right
					Reconstruction, Surgical, Eyelid, Lower
					Release, Tarsorrhaphy, Left
Ligate Thoracic Duct	40.64				Ligation, Thoracic Duct
Ligation Of Ureter	56.95				Tying Off, Ureter
Linear Extracap Lens Ext	13.2				Capsulotomy, Posterior, Eye
Linear Rep Lid Lacer	08.81				Repair, Laceration, Eyelid, Left
					Repair, Mohs Defect, Skin of Brow, Right
Lingual Frenotomy	25.91				Clipping, Frenulum Linguae
					Frenulectomy, Lingual
Lip Biopsy	27.23				Biopsy, Lesion, Lip, Left
					Biopsy, Lip

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Liver Repair Nec	50.69				Hepatojejunostomy
					Repair, Rupture, Liver
Liver Transplant Nec	50.59				Transplantation, Liver
Lobectomy Of Lung Nec (Begin 2007)	32.49				Lobectomy, Lobe of Lung, Lower, Left
					Lobectomy, Lobe of Lung, Lower, Right
					Lobectomy, Lobe of Lung, Middle, Right
					Lobectomy, Lobe of Lung, Upper, Left
					Lobectomy, Lobe of Lung, Upper, Right
					Lobectomy, Lower Lobe of Lung, Left, by Thoracotomy
					Lobectomy, Partial, Lobe of Lung, Lower, Left
					Lobectomy, Partial, Lobe of Lung, Upper, Left
					Lobectomy, Partial, Lobe of Lung, Upper, Right
Lobectomy Of Lung Nec (Begin 2007); Incision Of Chest Wall	32.49	34.01			Resection, Lobe of Lung, Left by Thoracotomy
					Resection, Lobe of Lung, Upper, Left by Thoracotomy
					Resection, Lobe of Lung, Upper, Right by Thoracotomy
Lobotomy & Tractotomy	01.32				Topectomy, Frontal Lobe, Right by Craniotomy
					Topectomy, Occipital Lobe, Right by Craniotomy
Loc Destr Renal Les Nec	55.39				Debridement, Surgical, Necrotic Tissue, Kidney, Left
					Enucleation, Tumor, Kidney, Left
					Excision, Benign Cyst, Renal
					Excision, Mass, Kidney, Left
					Excision, Mass, Kidney, Right
					Excision, Mass, Suprarenal
					Excision, Mass, Suprarenal, Left
					Excision, Mass, Suprarenal, Right
					Excision, Tissue, Renal Bed, Left
					Excision, Tumor, Kidney
					Excision, Tumor, Supra-renal, Right
					Resection, Mass, Suprarenal Paraspinal, Left
					Resection, Mass, Suprarenal, Right
					Resection, Partial, Mass, Suprarenal
					Resection, Tumor, Suprarenal, Left by Laparotomy
					Resection, Wedge, Cysts, Renal Cortical
					Resection, Wilms' Tumor, Retroperitoneal Region, Right

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Loc Destr Renal Les Nec; Laparotomy Nec	55.39	54.19			Resection, Mass, Suprarenal, Left by Laparotomy
Loc Destr Renal Les Nec; Loc Destr Renal Les Nec	55.39	55.39			Resection, Tumor, Kidney, Bilateral
Loc Exc Bone Les Femur	77.65				Curettage and Cementation, Femur, Distal, Left
					Curettage, Femur, Distal, Left
					Curettage, Femur, Distal, Right
					Curettage, Lesion, Femur, Right
					Curettage, Neck of Femur, Left
					Currettage, Bone, Femur, Left
					Currettage, Bone, Femur, Right
					Currettage, Lesion, Femur, Distal, Left
					Debridement and Irrigation, Femoral Head
					Debridement and Irrigation, Femur, Left
					Debridement, Femur, Left
					Debridement, Surgical, Necrotic Tissue, Wound, Femur, Distal, Right
					Decompression, Core, Femoral Head, Left
					Decompression, Core, Femoral Head, Right
					Decompression, Core, Femur, Distal, Left
					Decompression, Core, Femur, Distal, Right
					Decompression, Core, Hip, Left
					Decompression, Core, Hip, Right
					Decompression, Core, Knee, Femur, Right
					Excision, Bony Mass, Femur
					Excision, Cyst, Femur, Right
					Excision, Osteochondroma, Femur, Distal, Left
					Excision, Osteochondroma, Femur, Distal, Right
					Excision, Osteochondroma, Femur, Left
					Resection, Exostosis, Femur, Distal, Left
					Resection, Exostosis, Femur, Right
Loc Exc Bone Les Femur; Bone Graft To Femur	77.65	78.05			Curettage and Bone Grafting, Femur, Distal, Left
Loc Exc Bone Les Femur; Bone Graft To Femur; Internal Fixationfemur	77.65	78.05	78.55		Resection, Mass, Femur, Right with Curettage, Bone Grafting and Internal Fixation
Loc Exc Bone Les Femur; Exc Les Soft Tissue Nec	77.65	83.39			Excision, Neurofibroma, Femur, Distal, Left

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Loc Exc Bone Les Femur; Loc Exc Bone Les Femur	77.65	77.65			Decompression, Core, Femoral Head, Bilateral
					Decompression, Core, Femur, Distal, Bilateral
					Decompression, Core, Hip, Bilateral
					Decompression, Core, Knee, Femur, Bilateral
Loc Exc Bone Les Femur; Oth Arthrotomyknee; Knee Arthroscopy	77.65	80.16	80.26		Arthroscopic Surgery with Shaving of Medial/Lateral Femoral Condyles, Removal of Loose Bodies, Knee, Right and Arthroplasty, Lateral Femoral Condyle, Knee, Right
					Debridement, Lateral Condyle, with Removal, Loose Cartilage, Knee, Left by Arthroscopy
Loc Exc Bone Les Femur; Total Knee Replacement (Begin 1989)	77.65	81.54			Resection, Femur, Distal, Left with Prosthetic Knee Replacement
Loc Exc Bone Les Humerus	77.62				Aspiration, Lesion, Humerus, Left
					Curettage, Humerus, Distal, Left
					Debridement and Irrigation, Humerus, Left
					Debridement and Irrigation, Humerus, Right
					Debridement, Wound, Distal Humerus, Right
					Decompression, Condyle of Humerus, Left
					Excision, Abscess Cavity, Humerus, Right
					Excision, En Bloc, Mass, Humerus, Right
Loc Exc Bone Les Humerus; Bone Graft To Humerus	77.62	78.02			Curettage and Bone Grafting, Humerus, Proximal, Left
Loc Exc Bone Les Patella	77.66				Debridement, Patella, Left
					Resurfacing, Patellar, Left
					Resurfacing, Patellar, Right
Loc Exc Bone Lesion Nec	77.69				Debridement and Irrigation, Iliac Bone, Anterior, Left
					Debridement and Irrigation, Wound, Sacrum
					Debridement, Pelvic Cavity By Exploratory Laparotomy
					Excision, Bone Spur, L5-S1
					Excision, Cavernous Hemangioma, Iliac Crest, Left
					Excision, Cyst, Lumbar Spine
					Excision, Lesion, Iliac Crest, Left
					Excision, Mass, 4th Rib
					Excision, Mass, Pelvic by Transsacral Approach
					Excision, Osteochondroma, Iliac, Right
					Excision, Plexiform Neurofibroma, Spinal Canal
					Excision, Tumor, T2 Vertebra
					Excision, Tumor, Vertebrae



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Loc Exc Bone Lesion Nec	77.69				Resection, Gross Total, Mass, T10-T11 Vertebra
					Resection, Gross Total, Tumor, C2-T5
					Resection, Mass, Cervical Spine, C2-C3
					Resection, Mass, L4 Vertebra
					Resection, Mass, Thoracic Spine
					Resection, Subtotal, Mass, Thoracic Spine
					Resection, Subtotal, Tumor, Spine, C3-T1
					Resection, Subtotal, Tumor, Spine, C5-T1
					Resection, Subtotal, Tumor, Spine, T4-T5
					Resection, Subtotal, Tumor, Vertebral Bodies, C7, T1 and T2
					Resection, Tumor, Retroperitoneal/Paraspinal/Vertebral Foramen T12-L2, Left by Laparotomy
					Resection, Tumor, Spine
Loc Exc Bone Lesion Nec; Exc Chest Cage Bone Les; Int Fixno Fx Reduct Nec	77.69	77.61	78.59		Resection, En Bloc, Tumor, T12-L1 and 12th Rib, Right with Instrumentation, Segmental, T10-L3
Loc Exc Bone Lesion Nec; Fusion Or Refusion Of 48 Ve (Begin 2003); Spinal Fusion Nos; Bone Graft Nec	77.69	81.63	81.00	78.09	Resection, Tumor, Thoracic Spine with Laminectomy, T6-T11 with Allograft Fusion
Loc Exc Bone Lesion Nec; Pedicle Graft Advancemen	77.69	86.72			Excision With Advancement Flap Closure, Decubitus Ulcer, Iliac Crest, Left
Loc Exc Bone Lesion Nec; Spinal Canal Explor Nec	77.69	03.09			Resection, Tumor, Cervical Spine (C7) with Hemilaminectomy
Loc Exc Bone Lesion Nec; Spinal Canal Explor Nec; Bone Graft Nec	77.69	03.09	78.09		Resection, Gross Total, Tumor, C7-T7, with Laminaplasty and Bony Autograft
Loc Exc Bone Lesion Nec; Tot Chest Cage Ostectomy	77.69	77.91			Resection, Tumor by Costotransversectomy, T2-T3, Left
Loc Exc Bone Lesion Nos	77.60				Excision, Exostosis, Multiple
					Excision, Lesion, Bone
					Excision, Osteochondroma, Arm, Right
					Excision, Unicameral Bone Cyst, Right Upper Extremity
					Removal, Bony Spur, Amputation Site
Loc Exc Bone Lesion Nos; Bone Graft Nos	77.60	78.00			Curettage, Bone with Bone Graft
Loc Exc Bony Palate Les	27.31				Excision, Lesion, Hard Palate, Right
					Fulguration, Soft Palate
					Resection, Lesion, Hard Palate, Left
Loc Exc Bony Palate Les; Exc Max Sinus Lesion Nec	27.31	22.62			Resection, En Bloc, Hard Palate and Maxilla, Left
Loc Exc Les Metacar/Car	77.64				Excision, Osteochondroma, Metacarpal, Third, Left

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Loc Exc Les Metatar/Tar	77.68				Excision, Heel Spur, Right
					Excision, Neuroma, Intermetatarsal, Right
					Excision, Osteochondroma, Heel of Foot, Left
					Excision, Unicameral Bone Cyst, Calcaneus, Left
					Resection, Lesion, Metatarsal, Right
Loc Exc Les Metatar/Tar; Bone Graftmetatar/Tar	77.68	78.08			Curettage and Bone Grafting, Talus, Left
					Curretage and Bone Grafting, Talus, Right
Loc Exc Les Metatar/Tar; Loc Exc Les Metatar/Tar	77.68	77.68			Excision, Neuroma, Third Metatarsal Region, Bilateral
Loc Exc Les Metatar/Tar; Loc Exc Les Tibia/Fibula	77.68	77.67			Excision, Exostosis, Talus and Tibia, Right
Loc Exc Les Radius/Ulna	77.63				Excision, Cyst, Radius, Right
					Excision, Lesion, Ulna
					Resection, Mass, Forearm, Right
Loc Exc Les Tibia/Fibula	77.67				Curettage with Cementing, Tibia, Left
					Curettage, Non-ossifying Fibroma, Tibia, Distal, Right
					Debridement, Tibia, Left
					Debridement, Tibia, Right
					Decompression, Core, Knee, Tibia, Left
					Decompression, Core, Knee, Tibia, Right
					Decompression, Core, Tibia, Proximal, Left
					Excision, Cystic Lesion, Fibula, Right
					Excision, Osteochondroma, Tibia, Left
					Excision, Osteochondroma, Tibia, Right
					Excision, Tumor, Tibia, Right
					Excision, Wide Local, Tumor, Tibia, Right
					Resection, (Limb Sparing Surgery), Tumor, Tibia, Left
Loc Exc Les Tibia/Fibula; Inject Antibiotic	77.67	99.21			Curettage with Placement, Antibiotic Impregnated Beads, Tibia, Left
Loc Exc Les Tibia/Fibula; Insertion Cement Spacer (Begin 2005); Inject Antibiotic	77.67	84.56	99.21		Irrigation, Debridement and Curettage with Placement, Antibiotic Cement, Tibia, Right
Loc Exc Les Tibia/Fibula; Loc Exc Les Metatar/Tar	77.67	77.68			Excision, Open, Osteophytes, Tibia and Talus, Left
Loc Exc Les Tibia/Fibula; Loc Exc Les Tibia/Fibula	77.67	77.67			Decompression, Core, Knee, Tibia, Bilateral

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Local Destr Ova Les Nec	65.29				Cystectomy, Ovarian, Left
					Cystectomy, Ovarian, Right
					Cystectomy, Ovarian, Right by Mini Laparotomy
					Cystectomy, Ovary
					Excision, Benign Cyst, Ovary, Left
					Excision, Cyst, Corpus Luteum, Ovary
					Excision, Lesion, Ovary
					Excision, Ovarian Remnant, Left
					Partial Oophorectomy
					Resection, Mass, Ovary, Left
					Resection, Teratoma, Ovary, Left
					Resection, Teratoma, Ovary, Right
					Resection, Tumor, Ovary, Right by Laparotomy
Local Destr Ova Les Nec; Local Destr Ova Les Nec	65.29	65.29			Partial Oophorectomy, Bilateral
					Resection, Mass, Ovary, Bilateral
Local Excis Breast Les	85.21				Excision, Cyst, Breast, Left
					Excision, Cyst, Breast, Right
					Excision, Fibroadenoma, Breast, Left
					Excision, Fibroadenoma, Breast, Right
					Excision, Lesion, Breast, Left
					Excision, Mass, Breast
					Excision, Mass, Breast, Left
					Excision, Mass, Breast, Right
					Excision, Nevus, Breast
					Excision, Nevus, Breast, Left
					Excision, Scar Tissue, Breast, Left
					Excision, Wide, Skin Lesion, Breast, Right
					Excision, Wider, Mass, Breast, Right
					Lumpectomy, Breast
					Lumpectomy, Breast, Left
					Lumpectomy, Breast, Right
					Revision, Scar, Breast, Bilateral

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Local Excis Breast Les; Destruct Chest Wall Les	85.21	34.4			Excision, Wide Local, Tumor Bed, Breast and Chest Wall, Left
					Excision, Wide Local, Tumor Bed, Breast and Chest Wall, Right
Local Excis Breast Les; Excision Of Nipple	85.21	85.25			Excision, Nipple and Areola, Breast, Bilateral
Local Excis Breast Les; Local Excis Breast Les	85.21	85.21			Lumpectomy, Breast, Bilateral
					Resection, Fibroadenoma, Breast, Bilateral
Local Excis Breast Les; Mammoplasty Nec	85.21	85.89			Debridement with Closure, Reconstruction Wound, Breast, Left
					Debridement with Closure, Reconstruction Wound, Breast, Right
Local Excis Breast Les; Other Local Destruc Skin	85.21	86.3			Excision with Revision, Scar, Chest, Breast, Medial
Local Excis Esophag Nec	42.32				Excision, Papilloma, Esophagus
Local Excis Esophag Nec; Laparoscop Gastroplasty (Begin 2004); Lap Gastric Restric Proc (Begin 2004)	42.32	44.68	44.95		Esophagogastroduodenoscopy with Banding, Esophageal Varices
Local Excis Penile Les	64.2				Excision, Tissue, Penis
Local Excis Rectal Les	48.35				Excision, Condyloma, Rectum
					Polypectomy, Rectal
Local Excis Sm Bowel Nec	45.33				Diverticulectomy, Small Intestine
					Excision, Meckel's Diverticulum
					Resection, Gross Total, Tumor, Ilium
					Resection, Tumor, Small Bowel
Local Gastr Excision Nec	43.42				Excision, Mass, Lesser Curvature of Stomach
					Excision, Tumor, Stomach
					Polypectomy, Gastric
					Polypectomy, Gastric Antrum
Local Vulvar Excis Nec	71.3				Cryotherapy, Lesions, Vulva
					Curettage, Human Papilloma Virus Lesions, Genital
					Debridement, Labia
					Excision, Lesion, Vulva
					Excision, Mass, Labia
					Excision, Mass, Labia, Right
					Excision, Wide Local, Vulva, Right
					Excision, Wide, Dysplastic Nevus, Vulva, Left
					Removal, Laser, Condyloma, Vulva
					Removal, Skene's Gland
					Resection (Removal, Excision), Mass, Perineum
					Resection, Partial, Tumor, Labia, Left

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Local Vulvar Excis Nec	71.3				Resection, Subtotal, Tumor, Perineum
Local Vulvar Excis Nec; Loc Exc Bone Lesion Nec	71.3	77.69			Debridement, Perineum and Sacrum
Local Vulvar Excis Nec; Local Excis Penile Les; Scrotal Les Destruction	71.3	64.2	61.3		Excision, Wide, Dysplastic Nevus, Skin of Pubic Region, Right
					Vaporization, Laser, Condylomata, Genital
Local Vulvar Excis Nec; Local Vulvar Excis Nec	71.3	71.3			Excision, Wide, Vulva and Perineum
Local Vulvar Excis Nec; Scrotal Les Destruction; Local Excis Penile Les	71.3	61.3	64.2		Excision, Laser, Human Papillomavirus Lesions, Genital
Low Cervical Csection	74.1				Cesarean Section, Low Cervical Transverse
Lower Lid Rhytidectomy	08.86				Midface Lift via Transconjunctival Approach with Elevation of the SOOF Flap with Tarsal Strip, Eyelid, Lower, Right
Lower Limb Lymphangiogram	88.36				Lymphangiogram
					Lymphangiogram, Bilateral
Lower Limb Vein Incision	38.09				Exploration, Inferior Vena Cava
					Removal, Clot, Vessel, Leg, Left
Lower Limb Vein Incision; Aortocoronary Bypass Nos	38.09	36.10			Extraction, Tumor Thrombus, Inferior Vena Cava and Right Atrium by Cardiac Bypass
Lower Limb Vein Incision; Embolectomy Leg Vessel	38.09	38.08			Thrombectomy, Lower Extremity, Right
Lower Limb Vein Incision; Perc Angio Precereb Vess (Begin 2004); Procedureone Vessel (Begin 2005)	38.09	00.61	00.40		Endarterectomy, Carotid, Left with Patch Angioplasty
Lumbar Sympathectomy	05.23				Resection, Tumor, L1-S1 Nerve Root
					Resection, Tumor, T11 to L5 Nerve Root
					Sympathectomy, Lumbar, Right
Lumbar Sympathectomy; Spinal Canal Explor Nec	05.23	03.09			Excision, Tumor, Nerve Root, by Lumbar Laminoplasty
Lumbosac Spinal Fuss (Begin 1989); Excision Intervert Disc (Begin 1986); Fusion Or Refusion Of 23 Ve (Begin 2003); Excise Bone For Grft Nos	81.07	80.51	81.62	77.70	Laminectomy, Facetectomy, Discectomy, and Foraminotomy, with Posterior Fusion, Bone Graft and Internal Fixation, L4-L5
Lung Laceration Closure	33.43				Repair, Laceration, Lobe of Lung and Punctate Site, Chest Wall, Left by Thoracotomy
Lung Operation Nec	33.99				Lysis, Lung Adhesions, Chest Wall
Lymphatic Struct Biopsy	40.11				Aspiration, Needle, Axillary Lymph Node
					Aspiration, Needle, Cervical Lymph Node
					Aspiration, Needle, Mediastinal Lymph Node
					Aspiration, Supraclavicular Lymph Node
					Biopsy of Subdiaphragmatic Node
					Biopsy, Aortic Caval Lymph Node
					Biopsy, Aortic Caval Lymph Node, Inferior
					Biopsy, Aortic Lymph Node

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Lymphatic Struct Biopsy	40.11				Biopsy, Aspiration, Groin Lymph Node, Right
					Biopsy, Axillary Lymph Node, Left
					Biopsy, Axillary Lymph Node, Right
					Biopsy, Azygos Lymph Node
					Biopsy, Brachial Lymph Node(s), Left
					Biopsy, Celiac Axis Lymph Node
					Biopsy, Celiac Lymph Node
					Biopsy, Celiac Lymph Node, Left
					Biopsy, Cervical Lymph Node
					Biopsy, Cervical Lymph Node, Left
					Biopsy, Cervical Lymph Node, Posterior, Left
					Biopsy, Cervical Lymph Node, Posterior, Right
					Biopsy, Cervical Lymph Node, Right
					Biopsy, Common Iliac Lymph Node, Left
					Biopsy, Common Iliac Lymph Node, Right
					Biopsy, Core Needle, Cervical Lymph Node, Left
					Biopsy, Core Needle, Lymph Node, Axillary, Left
					Biopsy, Core Needle, Lymph Node, Axillary, Right
					Biopsy, Cystic Duct Lymph Node
					Biopsy, Epitrochlear Lymph Node, Right
					Biopsy, Excisional, Auricular Lymph Node, Posterior, Left
					Biopsy, Excisional, Auricular Lymph Node, Posterior, Right
					Biopsy, Excisional, Axillary Lymph Nodes, Right
					Biopsy, Excisional, Hypogastric Lymph Node, Right
					Biopsy, Excisional, Iliac Lymph Node, Right
					Biopsy, Excisional, Lymph Node, Breast, Right
					Biopsy, Excisional, Lymph Node, Inferior Para-aortic
					Biopsy, Excisional, Lymph Node, Paracaval
					Biopsy, Excisional, Lymph Node, Perihilar
					Biopsy, Excisional, Lymph Node, Retroduodenal
					Biopsy, Excisional, Mass, Supraclavicular Lymph Node, Left
					Biopsy, Excisional, Para-Iliac/Paraaortic Lymph Node
					Biopsy, Excisional, Paraaortic Lymph Node
					Biopsy, Excisional, Perirenal Lymph Node, Left
					Biopsy, Excisional, Sentinel Iliac Lymph Node, Right

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Lymphatic Struct Biopsy	40.11				Biopsy, Excisional, Submandibular Lymph Node, Left
					Biopsy, Excisional, Submental Lymph Node
					Biopsy, Excisional, Supraclavicular Lymph Node, Left
					Biopsy, Excisional, Supraclavicular Lymph Node, Right
					Biopsy, External Iliac Lymph Node, Left
					Biopsy, External Iliac Lymph Node, Right
					Biopsy, External Jugular Lymph Node, Left
					Biopsy, Femoral Lymph Node, Left
					Biopsy, Femoral Lymph Node, Right
					Biopsy, Fine Needle Aspiration, Cervical Lymph Node, Right
					Biopsy, Fine Needle, Cervical Lymph Node, Anterior, Left
					Biopsy, Fine Needle, Cervical Lymph Node, Anterior, Right
					Biopsy, Fine Needle, Cervical Lymph Node, Left
					Biopsy, Fine Needle, Cervical Lymph Node, Right (Non-Diagnostic)
					Biopsy, Fine Needle, Inguinal Lymph Node, Left
					Biopsy, Fine Needle, Inguinal Lymph Node, Right
					Biopsy, Fine Needle, Lymph Node
					Biopsy, Fine Needle, Parotid Lymph Node
					Biopsy, Fine Needle, Pelvic Lymph Node, Left
					Biopsy, Fine Needle, Submandibular Lymph Node, Left
					Biopsy, Fine Needle, Submandibular Lymph Node, Right
					Biopsy, Fine Needle, Submental Lymph Node
					Biopsy, Fine Needle, Supraclavicular Lymph Node, Left
					Biopsy, Fine Needle, Supraclavicular Lymph Node, Right
					Biopsy, Groin Lymph Node, Left
					Biopsy, Hepatic Portal Lymph Node
					Biopsy, Hilar Lymph Node
					Biopsy, Hilar Lymph Node, Left
					Biopsy, Hilar Lymph Node, Right
					Biopsy, Hilum of Lung Lymph Node, Right
					Biopsy, Hypogastric Lymph Node
					Biopsy, Iliac Lymph Node
					Biopsy, Iliac Lymph Node, Left
					Biopsy, Iliac Lymph Node, Right
					Biopsy, Incisional, Posterior Mediastinal Subcarinal Lymph Node, Right, by Thoracotomy

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Lymphatic Struct Biopsy	40.11				Biopsy, Infra-Renal Lymph Node, Left
					Biopsy, Infra-Renal Lymph Node, Right
					Biopsy, Infraclavicular Lymph Node, Right
					Biopsy, Infrahilar Lymph Node, Left
					Biopsy, Infrarenal Lymph Node, Left
					Biopsy, Inguinal Lymph Node
					Biopsy, Inguinal Lymph Node, Left
					Biopsy, Inguinal Lymph Node, Right
					Biopsy, Intercostal Lymph Node
					Biopsy, Internal Iliac Lymph node, Right
					Biopsy, Internal Jugular Lymph Node, Left
					Biopsy, Intestinal Lymph Node
					Biopsy, Intraabdominal Lymph Nodes
					Biopsy, Intrarenal Lymph Node
					Biopsy, Jugular Lymph Node
					Biopsy, Jugulodigastric Lymph Node, Left
					Biopsy, Jugulodigastric Lymph Node, Right
					Biopsy, Lymph Node
					Biopsy, Lymph Node(s), Intrathoracic
					Biopsy, Lymph Node(s), Parotid Region, Right
					Biopsy, Lymph Node(s), Supradiaphragmatic
					Biopsy, Lymph Node, Aortic Bifurcation, Right
					Biopsy, Lymph Node, Fissure of Lung, Right
					Biopsy, Lymph Node, Head of Pancreas
					Biopsy, Lymph Node, Mesocolon
					Biopsy, Lymph Node, Multiple
					Biopsy, Lymph Node, Neck, Left
					Biopsy, Lymph Node, Neck, Right
					Biopsy, Lymph Node, Omentum
					Biopsy, Lymph Node, Porta Hepatis
					Biopsy, Lymph Node, Regional
					Biopsy, Lymph Node, Waldeyer's Ring
					Biopsy, Mediastinal Lymph Node
					Biopsy, Mesenteric Lymph Node
					Biopsy, Mesenteric Lymph Node, Left



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Lymphatic Struct Biopsy	40.11				Biopsy, Mesenteric Lymph Node, Right
					Biopsy, Mesoappendiceal Lymph Node
					Biopsy, Mid-Paraaortic Lymph Node
					Biopsy, Mid-Paraaortic Lymph Node, Left
					Biopsy, Needle, Cervical Lymph Node, Left
					Biopsy, Needle, Cervical Lymph Node, Right
					Biopsy, Obturator Lymph Node
					Biopsy, Occipital Lymph Node
					Biopsy, Occipital Lymph Node, Left
					Biopsy, Occipital Lymph Node, Right
					Biopsy, Paraaortic Lymph Node
					Biopsy, Paraaortic Lymph Node, Left
					Biopsy, Paraaortic Lymph Node, Right
					Biopsy, Paracaval Lymph Node
					Biopsy, Paracaval Lymph Node, Left
					Biopsy, Paracaval Lymph Node, Right
					Biopsy, Paraduodenal Lymph Node, Right
					Biopsy, Paraspinal Lymph Node
					Biopsy, Paratracheal Lymph Node
					Biopsy, Paravesicular Lymph Node
					Biopsy, Pelvic Lymph Node
					Biopsy, Pelvic Lymph Node, Left
					Biopsy, Pelvic Lymph Node, Right
					Biopsy, Periadrenal Lymph node, Right
					Biopsy, Periaortic Lymph Node
					Biopsy, Periaortic Lymph Node, Left
					Biopsy, Peribronchial Lymph Node
					Biopsy, Pericaval Lymph Node
					Biopsy, Periduodenal Lymph Node
					Biopsy, Perihilar Lymph Node
					Biopsy, Periportal Lymph Node
					Biopsy, Perithyroidal Lymph Node
					Biopsy, Popliteal Lymph Node, Left
					Biopsy, Popliteal Lymph Node, Right
					Biopsy, Preauricular Lymph Node

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Lymphatic Struct Biopsy	40.11				Biopsy, Preauricular Lymph Node, Left
					Biopsy, Renal Hilar Lymph Node, Left
					Biopsy, Renal Hilar Lymph Node, Right
					Biopsy, Renal Infrahilar Lymph Node, Left
					Biopsy, Retroperitoneal Lymph Node(s)
					Biopsy, Scalene Lymph Node Fat Pad
					Biopsy, Scalene Lymph Node, Left
					Biopsy, Scalene Lymph Node, Right
					Biopsy, Sentinel Lymph Node
					Biopsy, Sentinel Lymph Node, Left
					Biopsy, Sentinel Lymph Node, Right
					Biopsy, Splenic Hilar Lymph Node
					Biopsy, Subcarinal Lymph Node
					Biopsy, Submandibular Lymph Node, Left
					Biopsy, Submandibular Lymph Node, Right
					Biopsy, Submaxillary Lymph Node, Left
					Biopsy, Submaxillary Lymph Node, Right
					Biopsy, Suprabronchial Lymph Node, Right
					Biopsy, Supraclavicular Lymph Node
					Biopsy, Supraclavicular Lymph Node, Left
					Biopsy, Supraclavicular Lymph Node, Right
Lymphatic Struct Biopsy; C.A.T. Scan Of Abdomen	40.11	88.01			Biopsy, Core Needle, Lymph Node, Inguinal, Right, by CT Guidance
Lymphatic Struct Biopsy; Gastroscopy Nec	40.11	44.13			Aspirate, Fine Needle, Transendoscopic by Transgastric Approach, Lymph node, Celiac
Lymphatic Struct Biopsy; Incision Of Mediastinum	40.11	34.1			Biopsy, Mass, Mediastinal Lymph Node by Thoracotomy
					Biopsy, Mediastinal Lymph Node by Thoracotomy, Anterior, Left
Lymphatic Struct Biopsy; Laparoscopy	40.11	54.21			Biopsy, Laparoscopic, Iliac Lymph Node, Left
					Laparoscopy with Biopsy, Iliac Lymph Node, Left

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Lymphatic Struct Biopsy; Lymphatic Struct Biopsy	40.11	40.11			Biopsies, Pelvic and Common Iliac Lymph Nodes
					Biopsy, Excisional, Iliac Lymph Nodes, Bilateral
					Biopsy, Iliac Lymph Node, Bilateral
					Biopsy, Occipital Lymph Node, Bilateral
Lymphatic Struct Biopsy; Other Bronchoscopy	40.11	33.23			Aspirate, Fine Needle, Transbronchoscopic, Lymph Nodes
Lymphatic Struct Biopsy; Other C.A.T. Scan	40.11	88.38			Biopsy, CT Guided, Lymph Node, Peridiaphragmatic, Right
					Biopsy, Needle, CT Guided, Percutaneous, Mediastinal Lymph Nodes
Lymphatic Struct Biopsy; Sm Bowel Endoscopy Nec	40.11	45.13			Aspirate, Fine Needle, Transendoscopic by Transduodenal Approach, Lymph node, Peripancreatic
Lysis Of Nasal Adhesions	21.91				Lysis, Adhesions, Internal Nose, Right
					Lysis, Synechia, Nasal, Bilateral
Lysis Pharyngeal Adhes	29.54				Removal, Adhesions, Nasopharyngeal
Mammoplasty Nec	85.89				Reconstruction, Breast, Left
					Revision, Hypertrophic Scar, Breast, Left
					Revision, Reconstruction, Breast, Right
Mammoplasty Nec; Bilateral Breast Implant	85.89	85.54			Reconstruction, Delayed with Reconstructive Prostheses, Breasts, Bilateral
Mammoplasty Nec; Ins Brst Tis Expan (Begin 1987)	85.89	85.95			Reconstruction, Breast, Right with Insertion Tissue Expander
Mammoplasty Nec; Ins Brst Tis Expan (Begin 1987); Mammoplasty Nec; Ins Brst Tis Expan (Begin 1987)	85.89	85.95	85.89	85.95	Reconstruction, Breast, Bilateral with Insertion, Tissue Expanders
Mammoplasty Nec; Ins Brst Tis Expan (Begin 1987); Unilat Breast Implant	85.89	85.95	85.53		Reconstruction, Breast, Left with Placement of Tissue Expander and Breast Implant
Mammoplasty Nec; Mammoplasty Nec	85.89	85.89			Revision, Reconstruction, Breast, Bilateral
Mammoplasty Nec; Relaxation Of Scar	85.89	86.84			Revision, Reconstruction, Breast, Left
Mand Orthognathic Op Nec	76.64				Exploration, Mandible, Left
					Exploration, Mandibular Area
					Osteotomy, Mandible
					Osteotomy, with Insertion of Distraction Hardware, Mandible, Left
Mand Orthognathic Op Nec; Bone Graft To Face Bone	76.64	76.91			Osteotomy, Mandible, Bilateral with Bone Graft, Left
Mand Orthognathic Op Nec; Mand Orthognathic Op Nec	76.64	76.64			Osteotomy, Mandibular, Bilateral
Mandibular Reconst Nec	76.43				Reconstruction, Mandible
Manual Rupt Joint Adhes	93.26				Manipulation under Anesthesia, Shoulder, Left

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Mastoidectomy Nec	20.49				Mastoidectomy, Left
					Mastoidectomy, Right
					Middle Cranial Fossa Mastoidectomy by Left Infratemporal Postauricular Approach
Mastoidectomy Nec; Excise Middle Ear Lesion	20.49	20.51			Mastoidectomy, Modified Radical with Removal of Cholesteatoma, Right
					Mastoidectomy, Modified Radical with Removal, Cholesteatoma, Left
Mastoidectomy Nec; Inc/Exc/Destr In Ear Nec	20.49	20.79			Mastoidectomy with Labyrinthectomy
Mastoidectomy Nec; Myringoplasty	20.49	19.4			Tympanoplasty and Mastoidectomy, with Posterior Canal Wall Reconstruction, Left
Mastoidectomy Revision	20.92				Revision, Mastoidectomy, Left
Mastopexy	85.6				Mastopexy
Mastopexy; Mastopexy	85.6	85.6			Mastopexy, Bilateral
Mastotomy	85.0				Incision and Drainage, Abscess, Breast
Mech Remov Cornea Epith	11.41				Excision, Band Keratopathy, Cornea, Left
					Excision, Band Keratopathy, Cornea, Right
					Excision, Scar, Corneal Epithelium, Left
					Keratectomy, Superficial, Right
Mech Vitrectomy Nec	14.74				Vitrectomy, Left
					Vitrectomy, Right
					Vitrectomy, Trans Par Plana Approach, Eye, Right
Mech Vitrectomy Nec; Intracapsul Lens Ext Nec	14.74	13.19			Lensectomy/Vitrectomy for Radiation Cataract, Eye, Right
					Vitrectomy/Lensectomy, Eye, Left
Mediastinoscopy	34.22				Mediastinoscopy
Metacar/Car Division Nec	77.34				Osteotomy, Wrist
Metacarpal/Carpal Biopsy	77.44				Biopsy, Mass, 4th Metacarpal, Hand, Right
Metacarpocarpal Fusion	81.26				Fusion, Bone Graft, Wrist
Metatar/Tar Division Nec	77.38				Osteotomy, Metatarsal
Metatarsal/Tarsal Biopsy	77.48				Biopsy, Calcaneus, Right
					Biopsy, Mass, Foot, Right
					Biopsy, Needle, Mass, Metatarsal, Third, Left
Micro Exament/Laryn Nec	90.39				Cytologic Material, Pleural Fluid
Micro Exament/Laryn Nec; Micro Exament/Laryn Nec	90.39	90.39			Examination, Microscopic, Ear, Bilateral
Micro Examperiton Nec	91.19				Cytology, Peritoneal Fluid

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Mid & Inner Ear Biopsy	20.32				Biopsy, Mass, Middle Ear, Left
					Biopsy, Middle Ear, Right
Middle Ear Incision	20.23				Exploration, Middle Ear, Left
					Exploration, Middle Ear, Right
Middle Ear Repair Nec	19.9				Repair, Defect, Mastoid Cavity, Posterior, Left
					Repair, Middle Ear Canal, Left
Midinner Ear Ops Nec	20.99				Removal, Cochlear Implant, Right
					Removal, Magnet, Cochlear Implant
					Replacement, Magnet, Cochlear Implant
Mouth Biopsy Nos	27.24				Biopsy, Mass, Buccal Mucosa, Left
					Biopsy, Mass, Oral
					Biopsy, Oral Mucosa
Mouth Repair Nec	27.59				Lip(s) Reduction
					Reconstruction, Lip, Left
					Revision, Wound, Lip
					Surgery, Plastic, Upper Lip
Mouth Repair Nec; Relaxation Of Scar	27.59	86.84			Revision, Contracted Scar, Lower Lip with Dermal Fat Skin Graft
Multisourc Photon Radiosurg (Begin 1998); Immobiliz/Wound Attn Nec	92.32	93.59			Radiosurgery, Gamma Knife, Brain
Mus/Ten/Fas/Bur Op Nec	83.99				Repair, Soft Tissue, Second Toe, Right
Musc/Fasc Excis For Graft	83.43				Harvest, Graft, Temporalis Fascia, Right
Musc/Fasc Excis For Graft; Muscle Or Fascia Graft	83.43	83.82			Graft, Fascia Lata Muscle, Osteium, Frontal Sinus, Bilateral
Musc/Tend Lng Change Nec	83.85				Lengthening, Achilles Tendon, Left
					Lengthening, Achilles Tendon, Right
					Lengthening, Adductor Tendon, Left
					Lengthening, Extensor Carpi Ulnaris Tendon
					Lengthening, Hamstring Tendon, Left
					Lengthening, Iliopsoas Tendon
					Lengthening, Peroneal Longus, Tendon, Right
					Lengthening, Psoas Muscle, Bilateral

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Musc/Tend Lng Change Nec; Musc/Tend Lng Change Nec	83.85	83.85			Lengthening, Achilles Tendon, Bilateral
					Lengthening, Tendons of Hamstring, Heelcords and Adductors, Bilateral
					Shortening, Patellar Tendon, Bilateral
Musc/Tend Lng Change Nec; Oth Bone Lngth Chnge Nos; Tendon Trnsfr/Transplant; Part Osteotmetatar/Tar	83.85	78.30	83.75	77.88	Correction, Talipes Valgus, Left
Muscle Or Fascia Graft	83.82				Advancement Flap, Serratus Anterior Apical Muscle
					Advancement, Lateral Rectus Muscle, Right
					Advancement, Levator Muscle, Right
					Closure, Surgical Wound with Rectus Abdominis Microvascular Free Flap Graft, Knee, Right
					Closure, Surgical Wound, with Gastrocnemius Muscle Flap, Lower Extremity, Right
					Formation, Free Flap Graft, Muscle
					Placement, Graft, Fascia Lata, Right for Dural Coverage
					Reconstruction with Flap Graft, Vastus Lateralis Muscle
					Repair with Muscle Graft, Face, Left
					Rotation Flap, Gastrocnemius Muscle, Left
					Rotation Flap, Gastrocnemius Muscle, Right
Muscle Reattachment	83.74				Reattachment, Contracted, Extraocular Muscles, Right
					Reattachment, Dehiscenced Superior Levator Palpebrae Muscle, Eye, Right
Muscle Trnsfr/Transplant	83.77				Recession, Flexor Hallucis Longus Muscle
					Recession, Posterior Tibial Flexor Digitorum Longus Muscle
					Reconstruction, with Vascularized Muscle Transfer
					Transfer, Muscle, Thigh to Cheekbone
Muscle Trnsfr/Transplant; Muscle Trnsfr/Transplant	83.77	83.77			Transfer, Rectus Femoris to Sartorius Muscle, Bilateral
Myelomeningocel Repair	03.52				Repair, Myelomeningocele
Myotomy	83.02				Incision, Scar, Temporalis Muscle
					Myotomy(s), Multiple
					Removal, Foreign Body, Calf, Right

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Myringoplasty	19.4				Graft, Tympanic Membrane, Left
					Graft, Tympanic Membrane, Right
					Tympanoplasty
					Tympanoplasty, Left
					Tympanoplasty, Multiple
					Tympanoplasty, Right
Myringoplasty; Mid & Inner Ear Biopsy	19.4	20.32			Tympanoplasty, Left, with Incisional Biopsy
Myringoplasty; Myringoplasty	19.4	19.4			Tympanoplasty with Graft, Bilateral
Myringotomy Nec	20.09				Aspiration, Fluid, Middle Ear, Left
					Aspiration, Hematoma, Preauricular, Left
					Myringotomy
					Myringotomy, Left
Myringotomy Nec; Mid & Inner Ear Biopsy; Myringoplasty	20.09	20.32	19.4		Tympanotomy, Exploratory with Biopsy and Tympanoplasty, Left
Myringotomy Nec; Myringotomy Nec	20.09	20.09			Myringotomy, Bilateral
Myringotomy W Intubation	20.01				Reinsertion, Myringotomy Tube, Left
					Tympanostomy with Insertion Ventilating Tube
					Tympanostomy with Insertion Ventilating Tube, Right
					Tympanostomy with Insertion Ventilation Tube, Left
Myringotomy W Intubation; Myringotomy W Intubation	20.01	20.01			Tympanostomy with Insertion Ventilating Tube, Bilateral
Nail Removal	86.23				Excision, Toenail, Great Toe
					Removal, Ingrown Toenail
					Removal, Ingrown Toenail, Great Toe
					Removal, Toenail
Nail Removal; Nail Removal	86.23	86.23			Removal, Ingrown Toenail, Great Toe, Bilateral
Nasal Biopsy	21.22				Biopsy, Excisional, Lesion, Nasal Cavity, Left
					Biopsy, Excisional, Skin of Bridge of Nose
					Biopsy, Mass, Intranasal, Left
					Biopsy, Mass, Nasal
					Biopsy, Mass, Nasal, Right
					Biopsy, Mass, Nostril, Left
					Biopsy, Maxillary Antrum, Left
					Biopsy, Nasal Mucosa
					Biopsy, Nasal Septum, Left
					Biopsy, Nasal Septum, Right

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Nasal Biopsy	21.22				Biopsy, Punch, Basal Cell Carcinoma, Skin of Nose
					Biopsy, Punch, Lesion, Skin of Nose
					Biopsy, Punch, Paranasal Area, Left
					Biopsy, Shave, Lesion, Skin of Nose
					Biopsy, Shave, Lesion, Skin of Nose, Right
					Biopsy, Skin Lesion, Nose
					Biopsy, Turbinate, Middle, Left
					Biospy, Shave, Nasal Supratip, Left
Nasal Biopsy; (Closed) Nasal Sinus Bx (Begin 1980)	21.22	22.11			Biopsy, Mass, Nasal and Sinus Cavity, Right
Nasal Biopsy; Nonoperative Exams Nec	21.22	89.39			Examination with Biopsies, Nose
Nasal Biopsy; Pharyngeal Biopsy	21.22	29.12			Biopsy, Tumor, Nasal and Nasopharyngeal
Nasal Biopsy; Rhinoscopy	21.22	21.21			Biopsy, Endoscopic, Nasal, Right
					Endoscopy, Nasal with Biopsy, Nasal Septum
Nasal Fistula Closure	21.82				Repair, Nasolabial Fistula
Nasal Les Destruct Nec	21.32				Cauterization, Nose, Right
					Curettage and Desiccation, Basal Cell Carcinoma, Skin of Nose
					Excision, Nevus, Nose
					Excision, Papules, Ala Nasi, Right
					Fulguration, Basal Cell Carcinoma, Skin of Nose
					Mohs Micrographic Surgery, Lesion, Skin of Nose
					Mohs Micrographic Surgery, Lesion, Skin of Nose, Left
					Mohs Micrographic Surgery, Lesion, Skin of Nose, Right
					Resection, Wide, Lesion, Skin of Bridge of Nose
Nasal Lesion Excis Nos	21.30				Cryotherapy, Lesion, Skin of Nose
					Excision, Hemangioma, Nose, Left
					Resection, Gross Total, Tumor, Cribriform Plate
Nasal Operation Nec	21.99				Fixation, Surgical, Nose
Nasal Repair Nec	21.89				Complex Repair, Surgical Defect, Skin of Nose
					Graft, Full Thickness, Skin, Nose
					Repair with Rhombic Flap, Mohs Defect, Nose, Left
					Repair, Choana, Right
					Revision, Turbinate, Inferior
					Weber-Ferguson Flap and Skin Graft Placement in Maxillary Antrum, Left



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Nasal Sinus Dx Proc Nec	22.19				Endoscopic Nasal Drainage, Ethmoid Sinus, Left
					Endoscopy, Nasal Sinus, Left
					Endoscopy, Sinus
Nasal Sinus Fistula Clos	22.71				Repair, Fistula, Oroantral, Left
Nasal Sinus Repair Nec	22.79				Balloon Sinuplasty
					Reconstructive Surgery, Jaw
					Reconstructive Surgery, Maxilla and Soft Tissue, Left
Nasal Sinus Repair Nec; Relaxation Of Scar	22.79	86.84			Reconstructive Plastic Surgery with Scar Revision, Maxilla and Soft Tissue
Nasolac Duct Intubat	09.44				Insertion, Tube, Nasolacrimal Duct, Bilateral
					Insertion, Tube, Nasolacrimal Duct, Right
					Placement, Stent with Crawford Tubing, Nasolacrimal Duct, Eye, Left
Nasolacrimal Duct Probe	09.43				Irrigation, Lacrimal Duct, Left
					Probing with Irrigation, Nasolacrimal Duct, Eye, Left
Nasolacrimal Duct Probe; Nasolacrimal Duct Probe	09.43	09.43			Tear Duct Probe, Bilateral
Nephropexy; Nephropexy	55.7	55.7			Nephropexy, Bilateral
Nephrostomy	55.02				Nephrostomy
					Nephrostomy with Tube Placement, Right
Nephrotomy	55.01				Dissection, Renal Cava
					Drainage, Abscess (Cyst), Renal
					Exploration, Kidney, Left
					Exploration, Kidney, Right
					Nephrolithotomy
					Nephrolithotomy, Right
					Nephrostomy, Percutaneous, Left with Attempted Dilatation of Ureteroileal Anastomotic Stricture
Nephroureterectomy	55.51				Nephrectomy, Left
					Nephrectomy, Left by Laparotomy
					Nephrectomy, Open, Left
					Nephrectomy, Radical, Left
					Nephrectomy, Radical, Right
					Nephrectomy, Right
					Nephrectomy, Right by Laparotomy
					Nephroureterectomy, Left
					Nephroureterectomy, Radical, Left
					Nephroureterectomy, Radical, Right

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Nephroureterectomy	55.51				Ureteronephrectomy, Left
					Ureteronephrectomy, Right
Nephroureterectomy; Laparoscopy	55.51	54.21			Nephrectomy, Left, by Robotic Assisted Laparoscopy
Nephroureterectomy; Simp Exc Lymph Struc Nec	55.51	40.29			Nephrectomy, Radical, Left with Resection Adjacent Lymph Nodes
Nephroureterectomy; Unilateral Adrenalectomy	55.51	07.22			Nephrectomy and Adrenalectomy, Right by Laparotomy
Neurologic Func Test Nec	89.15				Nerve Stimulation Test, Anal Sphincter
Nipple Repair Nec; Nipple Repair Nec	85.87	85.87			Reconstruction, Areola/Nipple, Breast, Bilateral
					Revision, Reconstruction, Areola/Nipple, Breast, Bilateral
Nonexcis Debridement Wnd(Begin 1988)	86.28				Debridement and Irrigation, Finger, Right
					Debridement and Irrigation, Wound, Hand, Left
					Debridement and Irrigation, Wound, Thigh, Left
					Debridement, Granulation Tissue, Wound, Leg, Left
					Debridement, Necrotic Tissue
					Debridement, Toes, Left
					Debridement, Wound, Back, Right
					Debridement, Wound, Knee, Right
					Debridement, Wound, Scalp
					Excision, Skin of Buttock, Right
					Irrigation and Debridement, Foot, Right
					Irrigation and Debridement, Wound, Clavicular
Nonexcis Debridement Wnd(Begin 1988); Skin Repair & Plasty Nec	86.28	86.89			Debridement with Complex Repair, Wound of Scalp, Right
Nonoperative Exams Nec	89.39				Examination, Nose and Nasopharynx
Nonoperative Exams Nec; Facial Bone Xray Nec	89.39	87.16			Examination, Paranasal Sinuses
Nonoperative Exams Nec; Inject/Infuse Nec	89.39	99.29			Examination Under Anesthesia, Nasopharynx
Nonoperative Exams Nec; Nasal Biopsy; Pharyngeal Biopsy; External Ear Biopsy	89.39	21.22	29.12	18.12	Examination with Biopsy, Nose, Nasopharynx and Ear, Left
Occlude Abd Artery Nec	38.86				Embolization, Hepatic Artery
					Embolization, Kidney, Left

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Occlude Abd Artery Nec; Other Endovascular Repair (Begin 2000)	38.86	39.79			Embolization, Renal Artery, Left
					Embolization, Splenic Artery
Occlude Abd Vein Nec	38.87				Ligation, Congenital Extra-hepatic Porto-systemic Shunt (Abernethy Malformation)
Occlude Thoracic Ves Nec	38.85				Ligation, Patent Ductus Arteriosus
Occlude Thoracic Ves Nec; Other Endovascular Repair (Begin 2000)	38.85	39.79			Closure, Patent Ductus Arteriosus
Occlus Head/Neck Ves Nec	38.82				Embolization, Tumor, Sphenoid Wing, Right
					Ligation, Carotid, Right
					Ligation, Internal Jugular Vein
Occlus Head/Neck Ves Nec; Contr Cerebr Arteriogram	38.82	88.41			Embolization, Tumor, Frontal Lobe, Right by Angiography
Occlus Head/Neck Ves Nec; Repair Of Vessel Nec; Proceduretwo Vessels (Begin 2005)	38.82	39.59	00.41		Repair, Laceration with Ligation, Artery and Vein, Neck, Posterior
Occlus Intracran Ves Nec	38.81				Ligation, Superior Sagittal Sinus
Occlus Intracran Ves Nec; Endovas Repair/Occl Head & N (Begin 2002)	38.81	39.72			Embolization, Artery, Meningioma
					Embolization, Middle Meningeal Artery
					Embolization, Tumor, Temporal Lobe, Left
Omental Repair Nec	54.74				Marsupialization, Cyst, Omentum
					Omentopexy (procedure)
One Extraoc Mus Recess	15.11				Re-recession, Lateral Rectus, Eye, Right
					Recession, Inferior Oblique Muscle, Eye, Left
					Recession, Inferior Oblique Muscle, Eye, Right
					Recession, Inferior Rectus Muscle, Eye, Left
					Recession, Inferior Rectus Muscle, Eye, Right
					Recession, Lateral Rectus Muscle, Eye, Left
					Recession, Lateral Rectus Muscle, Eye, Right
					Recession, Medial Rectus Muscle, Eye, Left
					Recession, Medial Rectus Muscle, Eye, Right
					Recession, Superior Oblique Muscle, Eye, Left
					Recession, Superior Rectus Muscle, Eye, Left
					Recession, Superior Rectus Muscle, Eye, Right
					Resection-Recession, Lateral Rectus Muscle, Eye, Left
					Resection-Recession, Medial Rectus Muscle, Eye, Left
					Shortening, Muscle, Eye, Right

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One Extraoc Mus Recess; 1 Extraoc Muscl Resect; Op On 1 Extraoc Musc Nec	15.11	15.13	15.29		Corrective Surgery, Eye Muscle Re-Alignment, Left
One Extraoc Mus Recess; 1 Extraoc Muscl Resect; Oth Extraoc Mustend Op	15.11	15.13	15.9		Corrective Surgery, Eye Muscle, Right
One Extraoc Mus Recess; One Extraoc Mus Recess	15.11	15.11			Recession, Lateral Recti Muscle, Eye, Bilateral
					Recession, Medial Recti Muscle, Eye, Bilateral
					Recession, Oblique Muscle, Eye, Bilateral
One Extraoc Mus Recess; One Extraoc Mus Recess; 1 Extraoc Muscl Resect; 1 Extraoc Muscl Resect	15.11	15.11	15.13	15.13	Corrective Surgery, Eye Muscles, Bilateral
Op On 1 Extraoc Musc Nec	15.29				Anteriorization, Inferior Oblique, Eye, Left
					Fixation, Lateral Rectus Muscle, Orbital Wall, Eye, Left
Op Redint Fix Metac/Car	79.33				Fixation with Pins, Fracture, Wrists, Bilateral
					Open Reduction with Internal Fixation, Fracture, Hand, Left
					Reduction, Open and Internal Fixation, Non-Union Fracture, Scaphoid, Left
					Reduction, Open with Internal Fixation, Fracture, Metacarpal
					Reduction, Open with Internal Fixation, Fracture, Wrist, Left
					Reduction, Open with Internal Fixation, Fracture, Wrist, Right
Op Redint Fix Metat/Tar	79.37				Reduction, Open with Internal Fixation, Fracture, Foot, Left
					Reduction, Open with Internal Fixation, Fracture, Foot, Right
					Reduction, Open, with Internal Fixation, Fracture, Ankle
Op Redint Fix Metat/Tar; Bone Graft To Chest Cage	79.37	78.01			Reduction, Open with Internal Fixation, Fracture, Clavicle, Left with Bone Graft
Op Redint Fix Rad/Ulna	79.32				Reduction, Open With Internal Fixation, Fracture, Radius and Ulna, Right
					Reduction, Open With Internal Fixation, Fracture, Ulna
					Reduction, Open and Internal Fixation, Fracture, Olecranon, Right
					Reduction, Open with Internal Fixation, Fracture, Radius and Ulna, Left
					Reduction, Open with Internal Fixation, Fracture, Radius, Left
					Reduction, Open with Internal Fixation, Fracture, Radius, Right
Op Redint Fix Rad/Ulna; Bone Grafradius/Ulna	79.32	78.03			Fixation, Surgical, Fracture, Radius with Intramedullary Rod and Bone Allograft, Right

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Op Redint Fix Tib/Fibul	79.36				Open Reduction with Internal Fixation, Tibia
					Open Reduction, Internal Fixation, Knee
					Reduction, Open and Internal Fixation, Avulsion, Tibia, Right
					Reduction, Open and Internal Fixation, Fracture, Medial and Lateral Malleolus and Talus
					Reduction, Open with Internal Fixation, Fibula, Left
					Reduction, Open with Internal Fixation, Fracture, Patella, Left
					Reduction, Open with Internal Fixation, Fracture, Tibia and Fibula, Left
					Repair with Open Reduction and Internal Fixation, Nonunion, Tibia, Left
Op Redint Fix Tib/Fibul; Bone Grafttibia/Fibula	79.36	78.07			Reduction, Open and Internal Fixation, Fracture, Ankle, Left with Allograft Bone Graft
Open Brain Biopsy	01.14				Biopsy, Brain by Craniotomy
					Biopsy, Fourth Ventricle, by Craniotomy
					Biopsy, Lesion, Cerebellum, by Craniotomy
					Biopsy, Mass, Pineal Region by Craniotomy
					Biopsy, Mass, Temporal Lobe, Left by Craniotomy
					Biopsy, Needle, Parieto-occipital Region, Left by Craniectomy
					Biopsy, Tumor, Brain by Craniectomy
					Biopsy, Tumor, Brain by Craniotomy
					Biopsy, Tumor, Cavernous Sinus, by Craniotomy
					Biopsy, Tumor, Hypothalamus, Optic Chiasm by Craniotomy
					Biopsy, Tumor, Pons, Left by Craniotomy
					Biopsy, Tumor, Suprasellar Region by Craniotomy
					Biopsy, Tumor, Tempoparietal Lobe, Left by Craniotomy
					Biopsy, Tumor, Thalamic by Craniotomy
Open Brain Biopsy; Immobiliz/Wound Attn Nec	01.14	93.59			Biopsy, Core, Stereotactic, Brain, Left by Craniectomy
					Biopsy, Open and Stereotactic, Parietal Lobe, Right by Craniotomy
					Biopsy, Stereotactic, Cerebellum, Left by Craniotomy
					Biopsy, Stereotactic, Cerebellum, Right, by Craniotomy
					Biopsy, Tumor, Suprasellar Region by Stereotactic Craniotomy
Open Brain Biopsy; Other Brain Excision	01.14	01.59			Biopsy and Partial Resection, Tumor, Parietal Lobe, Medial, Left by Craniotomy, Temporo-Parietal Occipital, Left
					Biopsy and Removal, Membrane, Ventricle, Left by Craniotomy
Open Brain Biopsy; Other Craniotomy	01.14	01.24			Biopsy, Open, Posterior Fossa, by Craniotomy

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Open Breast Bx	85.12				Biopsy, Shave, Basal Cell Carcinoma, Skin of Breast, Upper, Right
					Biopsy, Shave, Lesion, Skin of Breast, Left
					Biopsy, Shave, Lesion, Skin of Breast, Lower, Right
					Biopsy, Stereotactic, Breast, Left
Open Breast Bx; Local Excis Breast Les	85.12	85.21			Biopsy, Excisional, Lesion, Breast, Left
					Biopsy, Excisional, Mass, Breast, Left
					Biopsy, Excisional, Mass, Breast, Right
					Biopsy, Excisional, Skin Of Breast, Right
Open Bx Saliv Gland/Duct (Begin 1988)	26.12				Biopsy, Incisional, Parotid
Open Cereb Meninges Bx; Other Craniotomy	01.12	01.24			Biopsy, Meninges, Leptomeninges of Temporal Lobe, and Sylvian Fissure, Left by Craniotomy
Open Coronry Angioplasty (Begin 1986); Procedureone Vessel (Begin 2005)	36.03	00.40			Removal, Thrombus, Atrium, by Open Heart
Open Liver Biopsy	50.12				Biopsy, Wedge, Liver
					Biopsy, Wedge, Lobe of Liver, Left
Open Lung Biopsy (Begin 1987)	33.28				Biopsy of Upper Lobe of Lung, Left by Thoracotomy
					Biopsy, Excisional, Middle Lobe of Lung, Right
					Biopsy, Excisional, Nodule, Lung, Upper Lobe, Right by Thoracotomy
					Biopsy, Lesion, Pulmonary, Left by Thoracotomy
					Biopsy, Nodule(s), Lung by Thoracotomy
					Biopsy, Open, Upper Lobe of Lung, Right
					Biopsy, Wedge, Lower Lobe of Lung, Left
					Biopsy, Wedge, Lower Lobe of Lung, Right
					Biopsy, Wedge, Lung, Right
					Biopsy, Wedge, Upper Lobe of Lung, Left
					Biopsy, Wedge, Upper Lobe of Lung, Right
					Biopsy, Wedge, Upper Lobe of Lung, Right by Thoracotomy
Open Lung Biopsy (Begin 1987); Incision Of Chest Wall	33.28	34.01			Biopsy, Lesion, Lobe of Lung, Lower, Left by Thoracotomy
					Biopsy, Open, Lung, Right by Thoracotomy
					Biopsy, Open, Middle Lobe of Lung, Right by Thoracotomy

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Open Mediastinal Biopsy	34.26				Biopsy, Mass, Anterior Mediastinal, Left by Mini-Thoracotomy
					Biopsy, Mass, Mediastinal, Anterior by Thoracotomy
					Biopsy, Mediastinum, Left by Thoracoscopy
					Biopsy, Tumor, Thorax by Thoracotomy, Left
Open Mediastinal Biopsy; Incision Of Mediastinum	34.26	34.1			Biopsy, Mass, Mediastinal by Thoracotomy, Right
Open Periph Nerve Biopsy	04.12				Biopsy, Open, Mass, Optic Nerve Sheath
Open Periph Nerve Biopsy; Other Craniotomy	04.12	01.24			Biopsy, Optic Nerve, Right by Craniotomy
Open Rectal Bx	48.25				Sigmoidoscopy, Flexible with Biopsies, Multiple
Open Redint Fix Finger	79.34				Reduction, Open and Internal Fixation, Fracture, Finger, 5th, Right
Open Redint Fix Humerus	79.31				Open Reduction with Internal Fixation, Humerus, Right
					Reduction, Open and Internal Fixation, Fracture, Medial Epicondyle of Humerus, Left
Open Reduchip Dislocat; Repair Of Hip Nec (Begin 1989)	79.85	81.40			Reduction, Open, Dislocated Endoprosthesis, Hip, Left
Open Reducint Fix Femur	79.35				Reduction, Open with Internal Fixation, Fracture, Femur, Left
					Reduction, Open with Internal Fixation, Fracture, Femur, Right
					Revision, Prosthetic Hardware
Open Reducknee Dislocat	79.86				Manipulation, Surgical, Knee, Left
					Manipulation, Surgical, Knee, Right
Open Reducmetac/Car Fx	79.23				Reduction, Open, Fracture, Wrist, Left
Open Reducradius/Uln Fx	79.22				Reduction, Open, Fracture, Forearm, Left
Open Reduct Mandible Fx	76.76				Fixation, Surgical, Fracture, Jaw, Right
Open Reduct Mandible Fx; Dental Wiring; Dental Wiring	76.76	93.55	93.55		Reduction, Open, Closed Mandibular Fracture with Interdental Fixation, Bilateral
Open Reductibia/Fib Fx	79.26				Reduction, Open, Fracture, Tibia, Right
Open Renal Biopsy	55.24				Biopsy, Mass, Renal, Left
					Biopsy, Wedge, Kidney, Left
					Biopsy, Wedge, Kidney, Right
					Biopsy, Wedge, Mass, Infrarenal, Right
Open Testicular Biopsy	62.12				Biopsy, Open, Testicular, Right
Open Testicular Biopsy; Open Testicular Biopsy	62.12	62.12			Biopsy, Open, Testicular, Bilateral
					Biopsy, Wedge, Testes, Bilateral
Open Uterine Biopsy; Laparotomy Nec	68.13	54.19			Biopsy, Mass, Adnexal, Left, by Laparotomy

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Operation On Eyeball Nec	16.99				Amniotic Membrane Placement, Eye, Left
					Endophotocoagulation, Eye, Left
					Laser Photocoagulation, Eye
					Laser Photocoagulation, Eye, Left
					Laser Photocoagulation, Eye, Right
					Laser Photocoagulation, Multiple, Eye, Left
					Laser Photocoagulation, Multiple, Eye, Right
					Membranectomy, Scissors, Eye, Right
					Photocoagulation, Eye, Left
					Photocoagulation, Eye, Right
					Photocoagulation, Grid Macular, Eye, Right
					Photocoagulation, Panretinal, Inferior 180 degrees, Eye, Left
					Photocoagulation, Sector Panretinal, Eye, Right
					Reconstruction, Eye Socket, Left
					Reconstruction, Eye Socket, Right
Operation On Eyeball Nec; Operation On Eyeball Nec	16.99	16.99			Laser Photocoagulation, Multiple, Eye, Bilateral
					Photocoagulation, Eye, Bilateral
Operation On Orbit Nec	16.98				Reconstruction, Orbit, Left
					Reconstruction, Orbit, Right
					Reconstruction, Orbital Floor
					Reconstructive Surgery, Orbit, Right
					Reconstructive Surgery, Orbit, Right with Placement of Conformer
					Recontouring, Orbital, Eye, Right
					Suture, Cul-de-sac Deepening, Eye, Right (Revision for Prosthesis)
Operation On Orbit Nec; Dermal Regenerative Graft(Begin 1998)	16.98	86.67			Reconstruction with Alloderm Graft, Orbit, Right
Operation On Orbit Nec; Insert Tissue Expander (Begin 1987)	16.98	86.93			Reconstructive Surgery, Orbit, Right with Placement Implant Expander
Operation On Orbit Nec; Mandibular Reconst Nec; Bone Graft To Face Bone; Bone Graft To Face Bone	16.98	76.43	76.91	76.91	Reconstruction and Bone Grafts, Orbit and Zygoma, Right
Operations On Clitoris	71.4				Ablation, Laser, Clitoral Hood
Opn Abdperneal Resc Rec (Begin 2008)	48.52				Proctectomy



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Opn Fx Red W Int Fix Nec	79.39				Open Reduction with Internal Fixation, Fracture, Hip, Left
					Open Reduction with Internal Fixation, Fracture, Pelvis, Right
					Reduction, Open with Internal Fixation and Plating, Fracture, Clavicle, Left
					Reduction, Open with Internal Fixation, Fracture, Clavicle, Right
					Reduction, Open with Internal Fixation, Hip, Right
Opn Fx Red W Int Fix Nos; Bone Graft Nos; Excise Tib/Fib For Graft	79.30	78.00	77.77		Fixation, Surgical, Fracture, with Plates and Screws, Fibular Autograft, Right
Opn Mitral Valvuloplasty	35.12				Decalcification, Mitral Valve
					Repair, Mitral Valve
Opn Mitral Valvuloplasty; Cath Ablation Les Heart (Begin 1988); Other Endovascular Repair (Begin 2000); Extracorporeal Circulat	35.12	37.34	39.79	39.61	Removal, Vegetation, Tricuspid Valve, Right Atrium and Superior Vena Cava via Cardiopulmonary Bypass
Opn Tricus Valvuloplasty	35.14				Repair, Tricuspid Valve
Oral Cavity Dx Proc Nec; Facial Bone Biopsy	27.29	76.11			Biopsy, Tooth Socket and Mandible
Oral Cavity Ops Nec	27.99				Debulking, Intraoral Flap
Oral Cavity Ops Nec; Lid Reconstr W Graft Nec	27.99	08.69			Graft, Buccal Mucosa to Eyelid, Right
					Graft, Buccal Mucosa, to Eyelid, Left
Oral Cavity Ops Nec; Revis Enucl Socket W Graft	27.99	16.63			Graft, Buccal Mucosa, to Eye, Right
					Graft, Hard Palate, Buccal Mucosa, Eye Socket, Left
Oral Cavity Ops Nec; Revis Enucl Socket W Graft; Dermal Regenerative Graft(Begin 1998)	27.99	16.63	86.67		Graft, Buccal Mucosa with Tutoplast, Eye, Right
Orbital Exenteration Nec	16.59				Exenteration, Orbit, Left
					Exenteration, Orbit, Right
Orbitotomy Nec	16.09				Decompression, Orbit, Left
					Decompression, Orbit, Right
					Exploration, Orbitotomy
					Orbitotomy
					Orbitotomy, Anterior, Right
					Orbitotomy, Inferiolateral, Right
					Orbitotomy, Inferior, Left
					Orbitotomy, Superior
					Orbitotomy, Superior, Left
					Release, Scar Tissue, Orbit, Left
Orbitotomy Nec; Excision Orbital Lesion	16.09	16.92			Orbitotomy, Lateral, Right with Resection, Tumor

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Orchiopexy	62.5				Orchidopexy
					Orchidopexy, Left
					Orchidopexy, Right
					Placement, Testicle, Lower Pelvis, Left
					Transposition, Testes
					Transposition, Testis, Right
Orchiopexy; Orchiopexy	62.5	62.5			Orchidopexy, Bilateral
Orthodon Applianc Applic	24.7				Placement, Maxillary, Anterior, Pedo Partial
Ossicular Chain Op Nec	19.3				Excision, Ossicles, Right
					Reconstruction, Ossicular, Middle Ear, Left
					Reconstruction, Ossicular, Middle Ear, Right
Ot Vaginal Dilation	96.16				Dilation, Fistula, Vagina, Multiple
					Dilation, Vaginal
Oth Arthrotomyankle	80.17				Incision and Drainage, Ankle
					Removal, Loose Bodies, Ankle Joint, Left
Oth Arthrotomyankle; Destrucankle Lesion Nec	80.17	80.87			Arthrotomy and Debridement, Joint, Ankle, Right
Oth Arthrotomyelbow	80.12				Insertion, Afterloading Catheters, Elbow, Left
Oth Arthrotomyelbow; Other Skin & Subq I & D	80.12	86.04			Incision and Drainage, Elbow
Oth Arthrotomyfoot/Toe	80.18				Excision, Bone Chip, Foot, Left
					Osteotomy, Metatarsal, 1st and 2nd, Right
					Osteotomy, Metatarsal, First, Left
					Osteotomy, Metatarsal, First, Right
					Osteotomy, Phalanx of Great Toe, Proximal, Right
Oth Arthrotomyfoot/Toe; Loc Exc Bone Lesion Nec	80.18	77.69			Arthrotomy and Debridement, Great Toe, Right
Oth Arthrotomyhip	80.15				Drainage, Wound, Pelvis, Left
					Irrigation and Drainage, Hip, Left
					Irrigation and Drainage, Hip, Right
Oth Arthrotomyhip; Int Fixno Fx Reduct Nec	80.15	78.59			Osteotomy, Hip, Left with Insertion, Blade Plate
Oth Arthrotomyhip; Other Skin & Subq I & D	80.15	86.04			Incision and Drainage, Abscess, Hip
					Incision and Drainage, Abscess, Hip, Left

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Oth Arthrotomyknee	80.16				Arthrotomy, Knee, Right with Removal of Impinging Calcification
					Drainage, Abscess, Knee, Left
					Drainage, Synovial Fluid, Knee, Left
					Drainage, Synovial Fluid, Knee, Right
					Evacuation, Clot, Knee
					Exploration, Knee, Right
					Incision and Drainage, Knee Joint, Right
					Incision and Drainage, Knee, Right
					Removal, Antibiotic Impregnated Beads, Knee Region, Right
					Removal, Bone Fragments, Knee, Left
					Removal, Foreign body, Knee, Right
					Removal, Loose Body, Knee
					Removal, Loose Body, Knee, Right
Oth Arthrotomyknee; Knee Structure Division; Knee Arthroscopy	80.16	80.46	80.26		Arthroscopy, Knee, Right with Removal of Loose Patellar Bodies and Lateral Release
Oth Arthrotomyknee; Other Local Destruc Skin	80.16	86.3			Exploration with Resection, Eschar, Knee, Left
Oth Arthrotomyknee; Other Skin & Subq I & D	80.16	86.04			Incision and Drainage, Abscess, Knee, Left
					Incision and Drainage, Hematoma, Knee, Left
Oth Arthrotomysoulder	80.11				Exploration, Shoulder
					Incision and Drainage, Abscess, Shoulder
					Removal, Bone Fragment, Shoulder, Right
Oth Arthrotomysoulder; Other Skin & Subq I & D	80.11	86.04			Incision and Drainage, Abscess, Shoulder, Right
Oth Bone Lngth Chnge Nec (Begin 1991)	78.39				Lengthening, Leg, Left
					Lengthening, Leg, Right
Oth Bone Repa/Plast Nec	78.49				Closure, Pelvic Diaphragm
					Osteoplasty, Total, Knee, Right
					Removal, Adhesions, Orbital Socket, Left
					Repair, Herniated Disc
					Repair, Herniated Disc, Lumbar
Oth Bone Repa/Plast Nec; Atlasaxis Fusion; Fusion Or Refusion Of 23 Ve (Begin 2003)	78.49	81.01	81.62		Revision with Repair, Nonunion, Posterior Fusion, Occipital C1-C3
Oth Bone Repair/Plast Op	78.40				Limb Salvage Procedure
Oth Bone Repair/Plast Op; Bone Graft Nos; Int Fix W/O Fx Reduc Nos	78.40	78.00	78.50		Reconstruction, Intercalary Allograft with Internal Fixation

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Oth Chest Cage Ostectomy	77.81				Excision, Partial, Manubrium Sternum
					Excision, Wide, Mass, Scapular Region, Left
					Resection (En Bloc), Chest Wall
					Resection, Chest Wall
					Resection, Chest Wall, Including Portion 11th Rib, Right
					Resection, Chest Wall, Left, Including Ribs 10 and 11
					Resection, Chest Wall, Right including 7th Rib and Portions of 5th, 6th, & 8th Ribs
					Resection, Chest Wall, Right, including 6th, 7th, and 8th ribs
					Resection, Chest wall including portions of 8th and 9th Ribs, Right
					Resection, Clavicle, Distal (Outer Third)
					Resection, Clavicle, Distal, Left
					Resection, En Bloc, Clavicle, Distal, Right
					Resection, En Bloc, Clavicle, Left
					Resection, En Bloc, Scapula
					Resection, Manubrium Sternum, Left
					Resection, Partial, 10th Rib, Left
					Resection, Partial, 9th Rib, Right
					Resection, Partial, Fifth Rib, Right
					Resection, Partial, Rib
					Resection, Partial, Rib, Sixth
					Resection, Partial, Rib, Sixth, Right
					Resection, Partial, Rib, Third, Right
					Resection, Partial, Sternum, Clavicle and First Rib
					Resection, Portions of 5th and 6th Ribs, Left
					Resection, Rib, Partial, Seventh, Left
					Resection, Subtotal, Rib
Oth Chest Cage Ostectomy; Excise Diaphragm Lesion	77.81	34.81			Resection, Chest Wall Inculding 8th-10th Ribs and Portion of Diaphragm, Left
Oth Chest Cage Ostectomy; Excise Diaphragm Lesion; Other Chest Wall Repair	77.81	34.81	34.79		Resection, Chest Wall including Ribs 9, 10, 11 and Portion of Diaphragm with Insertion of Marlex Mesh
Oth Chest Cage Ostectomy; Incision Of Chest Wall	77.81	34.01			Resection, Chest Wall, Left by Thoracotomy
Oth Chest Cage Ostectomy; Other Chest Wall Repair	77.81	34.79			Resection, Chest Wall, 1st-4th Ribs, Right with Reconstruction, Marlex Graft
					Resection, Chest Wall, 8th-10th Ribs with Reconstruction, Marlex Graft

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Oth Chest Cage Rep/Plast	78.41				Expansion, Surgical, Titanium Instrumentation, T5-L4 Ribs, Right
					Expansion, Surgical, Titanium Instrumentation, T5-T9 Ribs, Posterolateral, Right
					Reconstruction, Shoulder, Left
					Reconstruction, Shoulder, Right
					Scapulothoracic Fusion, Left
Oth Conjunc Destruc Proc	10.33				Cryotherapy, Conjunctiva, Left
Oth Dorsolum Fus (Begin 1989); Ex Chest Cage Bonegt; Fusion Or Refusion Of 9 Or M (Begin 2003)	81.05	77.71	81.64		Fusion, Spine, Posterior with Instrumentation and Rib Autograft, T7-L4
Oth Dorsolum Fus (Begin 1989); Excise Bone For Gft Nec; Fusion Or Refusion Of 48 Ve (Begin 2003)	81.05	77.79	81.63		Fusion, Posterior T10-L3 Utilizing Posterior Morselized Autogenous Bone Graft of Right Iliac Crest and Segmental Danek/TSRH Titanium Instrumentation
Oth Dorsolum Fus (Begin 1989); Excise Bone For Gft Nec; Fusion Or Refusion Of 9 Or M (Begin 2003)	81.05	77.79	81.64		Fusion, Posterior Spinal (T4 to L3) using Richards Segmental Spinal Instrumentation and Autogenous Bone Graft, Iliac Crest, Right
Oth Dorsolum Fus (Begin 1989); Excise Bone For Gft Nos; Fusion Or Refusion Of 9 Or M (Begin 2003); Bone Graft Nec	81.05	77.70	81.64	78.09	Fusion, Spinal, Posterior with Segmental Instrumentation and Allogenic/Autogenous Bone Graft, T2-T12
Oth Dorsolum Fus (Begin 1989); Fusion Or Refusion Of 48 Ve (Begin 2003)	81.05	81.63			Hemilaminotomy, T3-T4 with Fusion, Spinal, Posterior, with Segmental Instrumentation and Allogenic/Autogenous Bone Graft, T2-T10
Oth Dorsolum Fus (Begin 1989); Fusion Or Refusion Of 48 Ve (Begin 2003); Bone Graft Nec	81.05	81.63	78.09		Fusion, Spinal, Posterior using Allograft, T2-T7
Oth Dorsolum Fus (Begin 1989); Fusion Or Refusion Of 9 Or M (Begin 2003)	81.05	81.64			Fusion, Spine, Posterior, T4-L4 with Placement, Titanium Rods
					Fusion, Spine, Posterior, T5-L2 with Placement, TSRH Instrumentation
					Insertion, Instrumentation, Spine Posterior with Fusion, T3-L3
					Insertion, Instrumentation, Spine Posterior with Fusion, T3-L4
Oth Endoscopy Lg Bowel (Begin 1980)	45.24				Sigmoidoscopy, Flexible
					Sigmoidoscopy, Flexible with Biopsies
					Sigmoidoscopy, Flexible with Unsuccessful Dilatation
Oth Endoscopy Lg Bowel (Begin 1980); Dilation Of Rectum	45.24	96.22			Sigmoidoscopy, Flexible with Dilation of Rectal Stricture
Oth Endoscopy Lg Bowel (Begin 1980); Dilation Of Rectum; Incis Rectal Stricture	45.24	96.22	48.91		Sigmoidoscopy, Flexible with Injection, Incision and Dilation of Rectal Stricture
Oth Exc Fus Repair Toe (Begin 1989)	77.58				Arthrodesis, Great Toe, Left
					Arthrodesis, Great Toe, Right
Oth Exc Fus Repair Toe (Begin 1989); Oth Exc Fus Repair Toe (Begin 1989)	77.58	77.58			Corrective Surgery, Fifth Toes, Bilateral

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Oth Extraoc Mustend Op	15.9				Repair, Medial Rectus, Eye, Right
					Repair, Superior Levator Palpebrae Muscle, Right
					Surgical Correction, Exotropia, Right
Oth Extraoc Mustend Op; Adjust Lid Position Nec	15.9	08.59			Fixation, Medial Rectus Muscle, Medial Canthal Tendon, Eye, Left
Oth Femur Repair/Plastic	78.45				Correction, Malrotated Bipolar Arthroplasty, Femur, Proximal, Right
					Revision, Allograft Reconstruction, Femur, Left
Oth Femur Repair/Plastic; Bone Graft To Femur	78.45	78.05			Reconstruction and Placement, Allograft, Femur, Distal, Medial, Left
					Reconstruction and Placement, Allograft, Femur, Distal, Right
					Reconstruction and Placement, Allograft, Femur, Medial, Right
Oth Femur Repair/Plastic; Bone Graft To Femur; Internal Fixationfemur	78.45	78.05	78.55		Reconstruction, Intercalary Allograft with Internal Fixation and Vascularized Fibula Strut Graft, Femur, Distal, Right
					Reconstruction, Intercalary Allograft with Internal Fixation, Femur, Left
Oth Femur Repair/Plastic; Implant Leg Prosthesis	78.45	84.48			Reconstruction and Placement of Endoprosthesis, Femur, Distal, Left
Oth Femur Repair/Plastic; Total Knee Replacement (Begin 1989)	78.45	81.54			Reconstruction and Placement, Allograft, Composite Knee Prosthesis, Femur, Right
Oth Humerus Repair/Plast	78.42				Reconstruction, Humerus, Right
Oth Humerus Repair/Plast; Bone Graft To Humerus	78.42	78.02			Reconstruction and Placement, Allograft, Humerus, Proximal, Left
Oth Incid Append (Begin 1996)	47.19				Appendectomy, Incidental
Oth Laparsc Oophect Uni (Begin 1996)	65.39				Oophorectomy
					Oophorectomy, Left
					Oophorectomy, Left by Laparotomy
					Oophorectomy, Right
Oth Laryngeal Operation	31.98				Lateralization, Vocal Cord
Oth Lysis Abd Adhes (Begin 1996)	54.59				Laparotomy with Enterolysis
					Lysis of Adhesions for Intussusception and Partial Obstruction, Bowel, by Laparotomy
					Lysis, Adhesion, Colon
					Lysis, Adhesions, Abdomen
					Lysis, Adhesions, Intestines, by Laparotomy
					Lysis, Adhesions, Peritoneum
Oth Meta/Tar Repa/Plast	78.48				Creation, Arch of Foot, Bilateral
Oth Part Ostectomy Nos	77.80				Removal, Flap Bone

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Oth Plastic Repair Palat	27.69				Insertion, Prosthesis, Odental, Hard Palate
					Repair, Defect, Palate
					Repair, Soft Palate
Oth Plastic Repair Palat; Plastic Op On Pharynx	27.69	29.4			Uvulopalatopharyngoplasty
Oth Rad/Uln Repair/Plast	78.43				Aspiration, Cyst, Wrist
Oth Rad/Uln Repair/Plast; Bone Graft Nec; Int Fixno Fx Reduct Nec	78.43	78.09	78.59		Reconstruction, Intercalary Allograft, T8-11, with Internal Fixation T7-8, T11-12
Oth Rad/Uln Repair/Plast; Bone Graft radius/Ulna; Int Fixation radius/Ulna	78.43	78.03	78.53		Reconstruction, Intercalary Allograft with Internal Fixation, Ulna, Left
Oth Salp Ooph Uni (Begin 1996)	65.49				Resection, En Bloc, Tumor, Ovary by Salpingo-oophorectomy, Left
					Resection, Tumor, Ovary by Salpingo-oophorectomy, Left
					Resection, Tumor, Ovary by Salpingo-oophorectomy, Right
					Salpingo-Oophorectomy, Left
					Salpingo-Oophorectomy, Right
Oth Seg Lung Resect Nos (Begin 2007)	32.39				Excision, Lateral segment, Lobe of lung, Middle, Right
					Lingulectomy
					Resection, Lobe of Lung, Superior Segment, Lower, Left
Oth Seg Lung Resect Nos (Begin 2007); Incision Of Chest Wall	32.39	34.01			Excision, Lingular Segment of Lobe, Left by Thoracotomy
					Resection, Lung, Lower Lobe, Apical Segment, Right, by Thoracotomy
Oth Spinal Thecal Shunt	03.79				Insertion, Drain, Lumbar
					Placement, Shunt, Intraspinal, Subarachnoid
					Placement, Shunt, Lumbar
Oth Tib/Fib Repair/Plast	78.47				Aspiration, Needle, Hematoma, Subperiosteal, Tibia, Left
					Closure, Open Biopsy Site, Tibia, Left
					Transposition, Vascularized Fibula, Right
Oth Tib/Fib Repair/Plast; Bone Graft tibia/Fibula	78.47	78.07			Reconstruction, Fibular Autograft, Tibia, Right
Oth Tib/Fib Repair/Plast; Implant Leg Prosthesis; Muscle Or Fascia Graft; Free Skin Graft Nec	78.47	84.48	83.82	86.69	Reconstruction, Tibia with Implantation Immediate Fit Prosthesis, Knee, Right with Closure, Gastrocnemius Flap and Skin Graft
Oth Tib/Fib Repair/Plast; Int Fixation tibia/Fibul	78.47	78.57			Reconstruction, Intercalary Allograft with Internal Fixation, Tibia, Left
Oth Tib/Fib Repair/Plast; Tendon Trnsfr/Transplant	78.47	83.75			Reconstruction, Tibialis Anterior Tendon Transfer, Right
Oth Vag Hys (Begin 1996)	68.59				Hysterectomy, Total, Vaginal
Oth Vag Hys (Begin 1996); Remove Both Tubes & Ovar	68.59	65.61			Hysterectomy, Vaginal with Salpingo-oophorectomy, Bilateral

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Other Appendect (Begin 1996)	47.09				Appendectomy
					Appendectomy with Drainage of Abscess
					Appendectomy with Drainage of Periappendiceal Abscess
					Excision, Mass, Appendix with Appendectomy
Other Appendect (Begin 1996); Unilateral Orchiectomy	47.09	62.3			Excision, Appendix, Testis
Other Arthrotomy Nos	80.10				Arthrotomy
Other Bone Incision Nos	77.10				Incision and Drainage, Bone Marrow Site
Other Brain Excision	01.59				Amygdalohippocampectomy by Craniotomy
					Craniectomy, Posterior Fossa, for Resection, Medulloblastoma, Cerebellar
					Craniectomy, Suboccipital, for Removal, Tumor, Fourth Ventricular
					Craniectomy, Suboccipital, for Resection, Gross Total, Tumor, Cerebellum
					Craniectomy, Suboccipital, for Resection, Partial, Tumor, Posterior Fossa
					Craniectomy, Suboccipital, for Resection, Subtotal, Tumor, Cervicomedullary Junction
					Craniectomy, for Resection, Gross Total, Medulloblastoma, Posterior Fossa
					Craniotomy with gross total resection of Oligodendroglioma, left frontal lobe
					Debridement and Irrigation, Ventriculostomy
					Debridement, Frontotemporal Region, Right
					Excision, Corpus Callosum
					Excision, Corpus Callosum by Craniotomy
					Excision, Dermatoid Cyst, Occipital Region, Brain
					Excision, Glioma, Optic Nerve, Left by Cranial Approach
					Excision, Hippocampus, Right
					Excision, Lesion, Temporal Lobe, Right
					Excision, Mass, Frontal Lobe by Craniotomy
					Excision, Mass, Occipital Region, Right
					Excision, Mass, Temporal Lobe
					Excision, Subtotal, Temporal Lobe
					Excision, Tumor, Brain
					Fenestration, Cyst into Occipital Horn of Ventricle, Left by Craniotomy
					Fenestration, Cyst, Endoscopic
					Fenestration, Leptomeningeal Cyst
					Lobectomy, Temporal Lobe, Anterior, Right by Craniotomy



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Other Brain Excision	01.59				Marsupialization, Cyst, Intracranial
					Marsupialization, Cystic, Ovary, Left
					Marsupialization, Cystic, Ovary, Right
					Marsupialization, Pilonidal Sinus
					Removal, Abscess, Brain
					Removal, Abscess, Subdural
					Resection, Arteriovenous Malformation, Cerebellar Hemisphere, Right
					Resection, Arteriovenous Malformation, Occipital, Right
					Resection, Arteriovenous Malformation, Parietal Region, Right
					Resection, Arteriovenous Malformation, Temporal Lobe, Left
					Resection, Atrophic Seizure Focus, Frontal Lobe, Left
					Resection, Brain Tumor, Parietal Occipital Lobe
					Resection, Brain, by Craniotomy
					Resection, Cavernoma, Pontine, Left Central
					Resection, Cavernous Angioma, Parietal Lobe, Left by Craniotomy
					Resection, Cavernous Angioma, Pontine, Left by Craniotomy
					Resection, Cyst, Lateral Ventricle, Right by Frontal Craniotomy
					Resection, Dura, Frontal, Left, Superior Margin
					Resection, En Bloc, Tumor, Infratemporal Fossa, Left
					Resection, En Bloc, Tumor, Occipital Lobe, Left by Stereotactic Craniotomy
					Resection, Gross Total Tumor, Frontal Parietal Temporal Occipital, Left by Craniotomy
					Resection, Gross Total Tumor, Retromastoid by Craniectomy
					Resection, Gross Total, Juvenile Pilocytic Astrocytoma, Midbrain
					Resection, Gross Total, Lesion, Pons
					Resection, Gross Total, Mass Thalamus, Left by Craniotomy
					Resection, Gross Total, Mass, Corpus Callosum/Lateral Ventricle, Left
					Resection, Gross Total, Mass, Frontotemporal Region, Right by Craniotomy
					Resection, Gross Total, Mass, Temporal Lobe, Right
					Resection, Gross Total, Residual Tumor, Fronto-Temporal Lobe, Left by Craniotomy
					Resection, Gross Total, Residual Tumor, Temporal Lobe, Right
					Resection, Gross Total, Subependymal, Giant Cell Astrocytoma, Lateral Ventricle, Left
					Resection, Gross Total, Tumor with Partial Temporal Lobectomy, Right by Craniotomy
					Resection, Gross Total, Tumor, Brainstem
					Resection, Gross Total, Tumor, Infratemporal Fossa

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Other Brain Excision	01.59				Resection, Gross Total, Tumor, Occipital Lobe and Skull, by Craniectomy
					Resection, Gross Total, Tumor, Occipital Vermian Midline
					Resection, Gross Total, Tumor, Parietal Lobe, Left by Stereotactic Craniotomy
					Resection, Gross Total, Tumor, Parietal-Occipital Lobe, Left
					Resection, Gross Total, Tumor, Suprasellar and Sellar Region, by Craniotomy
					Resection, Gross Total, Tumor, Thalamus, Right
					Resection, Lesion, Parietal Lobe, Left
					Resection, Mass, Cerebellar Hemisphere, Left
					Resection, Mass, Frontal Lobe
					Resection, Mass, Jugular Foramen
					Resection, Mass, Popliteal Fossa, Right
					Resection, Mass, Posterior Fossa
					Resection, Mass, Tentorium, Right
					Resection, Mass, Vermis, Right
					Resection, Near Total, Craniopharyngioma, Suprasellar Region
					Resection, Near Total, Mass, Fourth Ventricle
					Resection, Near Total, Tumor, Cerebellopontine Angle, Left, by Craniotomy
					Resection, Near Total, Tumor, Cerebellum, by Craniotomy
					Resection, Near Total, Tumor, Frontal Lobe, Left, by Craniotomy
					Resection, Partial, Frontal Lobe, Anterior, Left by Craniotomy
					Resection, Partial, Tumor, Posterior Fossa
					Resection, Posterior Fossa
					Resection, Radiation Necrosis, Frontal Lobe
					Resection, Radiation Necrosis, Temporoparietal Lobes
					Resection, Residual Tumor, Posterior Fossa by Craniotomy
					Resection, Residual Tumor, Right by Frontotemporal Craniotomy
					Resection, Splenium of Corpus Callosum
					Resection, Subtotal, Cavernoma, Thalamic region, Left
					Resection, Subtotal, Cyst, Midbrain
					Resection, Subtotal, Cyst, Suprasellar
					Resection, Subtotal, Juvenile Pilocytic Astrocytoma, Optic Chiasm
					Resection, Subtotal, Mass, Parasagittal Region

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Other Brain Excision	01.59				Resection, Subtotal, Mass, Parietal Lobe
					Resection, Subtotal, Mass, Sella, by Transsphenoidal Approach
					Resection, Subtotal, Mass, Suprasellar by Transsphenoidal Approach
					Resection, Subtotal, Medulloblastoma, Posterior Fossa
					Resection, Subtotal, Tumor with Partial Lobectomy, Temporal Lobe, Right by Craniotomy
					Resection, Subtotal, Tumor, Brainstem
					Resection, Subtotal, Tumor, Cerebellopontine angle, Right, by Craniotomy
					Resection, Subtotal, Tumor, Cervicomedullary Junction
					Resection, Subtotal, Tumor, Diencephalon, Right by Craniotomy
					Resection, Subtotal, Tumor, Frontoparietal Region, Left by Craniotomy
					Resection, Subtotal, Tumor, Frontotemporal Lobe, Left by Craniotomy
					Resection, Subtotal, Tumor, Frontotemporal Region, Right by Pterional Craniotomy
					Resection, Subtotal, Tumor, Frontotemporoparietal, Right by Craniotomy
					Resection, Subtotal, Tumor, Multiple Meningiomas, by Right Craniotomy
					Resection, Subtotal, Tumor, Occipital Lobe, Left
					Resection, Subtotal, Tumor, Occipital Lobe, Right
					Resection, Subtotal, Tumor, Parieto-Occipital Region, Left, by Craniotomy
					Resection, Subtotal, Tumor, Suprasellar Region
					Resection, Subtotal, Tumor, Third Ventricle, by Craniotomy
					Resection, Temporal Frontal Tip, Right
					Resection, Tumor, Brain by Craniotomy
					Resection, Tumor, Cerebellar by Retromastoid Craniotomy
					Resection, Tumor, Cerebellum
					Resection, Tumor, Cerebellum by Craniotomy
					Resection, Tumor, Epidural, Occipital Region, by Craniotomy
					Resection, Tumor, Frontal Lobe, Posterior, Left by Craniotomy
					Resection, Tumor, Infratemporal Fossa, Left
					Resection, Tumor, Posterior Fossa
					Resection, Tumor, Suprasellar Region by Craniotomy
					Resection, Tumor, Temporal by Craniectomy
					Resection, Tumor, Temporal/Parietal Lobe

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Other Brain Excision	01.59				Resection, Tumor, Temporoparietal Region, Right
					Septum Pellucidotomy, Endoscopic
Other Brain Excision; Brain Lobectomy; Other Craniotomy	01.59	01.53	01.24		Lobectomy, Temporal, Right with Gross Total Resection of Tumor by Craniotomy, Frontotemporoparietal
Other Brain Excision; Closed Brain Biopsy	01.59	01.13			Marsupialization, Cyst, with Biopsy, Ventricle, Third
Other Brain Excision; Dx Ultrasoundhead/Neck	01.59	88.71			Fenestration, Cyst, Ultrasound Guided, Posterior Fossa by Craniectomy
Other Brain Excision; Ex Cereb Meningeal Les; Excise Skull Lesion; Other Craniotomy	01.59	01.51	01.6	01.24	Resection, Gross Total, Mass, Scalp, Bone, Dura, and Sagittal Sinus by Craniotomy
Other Brain Excision; Immobiliz/Wound Attn Nec	01.59	93.59			Craniotomy, Stereotactic, Right for Gross Removal, Mass, Brain
					Excision, Gross Total, Tumor, Frontal Lobe, Right by Stereotactic Craniotomy
					Excision, Subtotal, Tumor, Frontal Lobe, Right by Stereotactic Craniotomy
					Resection, Gross Total, Mass, Frontoparietal, Left, by Stereotactic Craniotomy
					Resection, Gross Total, Tumor, Bifrontal, by Stereotactic Craniotomy
					Resection, Gross Total, Tumor, Frontal Lobe, Right, by Stereotactic Craniotomy
					Resection, Gross Total, Tumor, Frontotemporal, Right, by Stereotactic Craniectomy
					Resection, Stereotactic, Gross Total, Tumor, Frontal Lobe, Left, by Bicoronal Craniotomy
					Resection, Stereotactic, Gross Total, Tumor, Frontal, Left by Craniotomy
					Resection, Stereotactic, Gross Total, Tumor, Occipital, Right by Craniotomy
					Resection, Stereotactic, Gross Total, Tumor, Parietal, Left by Craniotomy
					Resection, Stereotactic, Near Total, Tumor, Frontal Lobe, Left, by Bicoronal Craniotomy
					Resection, Stereotactic, Tumor, Posterior Fossa
					Resection, Subtotal, Tumor, Frontotemporal, Right, by Stereotactic Craniotomy
					Resection, Subtotal, Tumor, Frontotemporoparietal, Left by Stereotactic Occipital Craniotomy
					Resection, Subtotal, Tumor, Frontotemporoparietal, Right by Stereotactic Craniotomy
					Resection, Tumor, Suprasellar Region by Stereotactic Craniotomy

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Other Brain Excision; Immobiliz/Wound Attn Nec; Other Craniotomy	01.59	93.59	01.24		Resection, Gross Total, with Stereotactic Guidance, Residual Tumor, Cerebellum, Right by Craniotomy, Suboccipital
					Resection, Residual Astrocytoma, Brainstem, by Stereotactic Posterior Fossa Craniotomy
Other Brain Excision; Insert/Replace Evd (Begin 2011)	01.59	02.21			Fenestration, Cyst into Ventricle, Occipital, Left by Endoscopy
					Septum Pellucidotomy and Cyst Fenestration by Neuroendoscopic Approach
Other Brain Excision; Other Brain Excision; Other Craniotomy	01.59	01.59	01.24		Resection, Subtotal, Tumor, Midbrain and Right Thalamus, by Craniotomy
Other Brain Excision; Other Cas (Begin 2004)	01.59	00.39			Resection, Gross Total, Posterior Fossa by Frameless Stereotactic Guided Craniotomy
Other Brain Excision; Other Craniotomy	01.59	01.24			Debridement, Ventricles, Right and Left, by Craniotomy
					Excision, Cavernous Hemangioma, Occipital Lobe, Right by Craniotomy
					Excision, Microsurgical, Tumor, Cerebellar, by Midline Suboccipital Craniotomy
					Excision, Tumor, Temporal, Left by Craniotomy
					Lobectomy, Partial, Temporal Lobe, Anterior, Left by Craniotomy
					Lobectomy, Partial, Temporal, Lateral, Right by Craniotomy
					Removal, Membrane, Ventricle, Right by Craniotomy
					Resection, Cavernous Angioma, Frontal Lobe, Left by Craniotomy
					Resection, Endolymphatic Sac Tumor, Posterior Temporal Area, Left by Craniotomy
					Resection, Gross Total, Astrocytoma, Cerebellum by Posterior Fossa Craniotomy
					Resection, Gross Total, Cavernous Hemangioma, by Left Occipital Craniotomy
					Resection, Gross Total, Cavernous Malformation, Temporal, Left by Craniotomy
					Resection, Gross Total, Craniopharyngioma, Suprasellar, by Craniotomy
					Resection, Gross Total, Juvenile Pilocytic Astrocytoma, Cerebellum, Right by Craniotomy
					Resection, Gross Total, Lesion, Frontal Lobe by Craniotomy
					Resection, Gross Total, Low Grade Astrocytoma, Cerebellar by Posterior Fossa Craniotomy
					Resection, Gross Total, Mass, Fourth Ventricle by Craniotomy, Posterior Fossa
					Resection, Gross Total, Mass, Fourth Ventricle, by Suboccipital Craniotomy
					Resection, Gross Total, Mass, Frontoparietal Region, Right by Craniotomy
					Resection, Gross Total, Mass, Lateral and Third Ventricle, Right by Craniotomy
					Resection, Gross Total, Mass, Posterior Fossa by Craniotomy

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Other Brain Excision; Other Craniotomy	01.59	01.24			Resection, Gross Total, Mass, Temporal Lobe, Right by Stereotactic Craniotomy
					Resection, Gross Total, Parietal, Right by Frontotemporal Craniotomy
					Resection, Gross Total, Radiation Necrosis, Frontal Lobe, Right by Craniotomy
					Resection, Gross Total, Recurrent Medulloblastoma, Posterior Fossa by Craniotomy
					Resection, Gross Total, Recurrent Tumor, Cerebellum, Left by Sub-occipital Craniotomy
					Resection, Gross Total, Recurrent Tumor, Cerebellum, by Posterior Fossa, Craniotomy
					Resection, Gross Total, Residual Tumor, Frontoparietal Region, Right by Craniotomy
					Resection, Gross Total, Residual Tumor, Occipital Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Brain by Craniotomy
					Resection, Gross Total, Tumor, Cerebellar, Left by Posterior Fossa Craniotomy
					Resection, Gross Total, Tumor, Cerebellar, Right by Craniotomy, Suboccipital
					Resection, Gross Total, Tumor, Cerebellar, Right by Posterior Fossa Craniotomy
					Resection, Gross Total, Tumor, Cerebellum, By Suboccipital Craniotomy
					Resection, Gross Total, Tumor, Frontal Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Frontal Lobe, Right by Craniotomy
					Resection, Gross Total, Tumor, Fronto-parietal Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Frontoparietal Lobe, Right by Craniotomy
					Resection, Gross Total, Tumor, Intraventricular, Left by Craniotomy
					Resection, Gross Total, Tumor, Lateral Ventricle by Frontal Parietal Temporal Occipital Craniotomy
					Resection, Gross Total, Tumor, Lateral Ventricle, Left by Craniotomy
					Resection, Gross Total, Tumor, Lateral Ventricle, Temporoparieto-occipital Hemisphere, Right by Craniotomy
					Resection, Gross Total, Tumor, Occipital Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Occipital Lobe, Right by Craniotomy, Occipital, Right
					Resection, Gross Total, Tumor, Parietal Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Parietal Lobe, Right by Craniotomy
					Resection, Gross Total, Tumor, Parietal Lobe, Right by Occipital Craniotomy
					Resection, Gross Total, Tumor, Parietal-Occipital Lobe by Craniotomy
					Resection, Gross Total, Tumor, Parietal-Occipital Region, Right by Craniotomy
					Resection, Gross Total, Tumor, Pineal Region by Craniotomy
					Resection, Gross Total, Tumor, Posterior Fossa by Craniotomy
					Resection, Gross Total, Tumor, Posterior Fossa by Craniotomy, Fronto-Occipital, Right
					Resection, Gross Total, Tumor, Posterior Fossa by Midline Suboccipital Craniotomy

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Other Brain Excision; Other Craniotomy	01.59	01.24			Resection, Gross Total, Tumor, Posterior Fossa by Suboccipital Craniotomy
					Resection, Gross Total, Tumor, Suprasellar Region by Craniotomy
					Resection, Gross Total, Tumor, Suprasellar Region by Craniotomy, Temporal-Frontal, Right
					Resection, Gross Total, Tumor, Tempoparietal Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Tempoparietal Lobe, Right by Craniotomy
					Resection, Gross Total, Tumor, Temporal Lobe, Left by Craniotomy
					Resection, Gross Total, Tumor, Temporal Lobe, Right by Craniotomy
					Resection, Gross Total, Tumor, Thalamus, Pineal Region, Left by Craniotomy
					Resection, Gross Total, Tumor, Thalamus, Right by Craniotomy
					Resection, Gross Total, Tumor, Third Ventricle by Craniotomy
					Resection, Gross Total, Tumor, Ventricle, Right by Craniotomy
					Resection, Gross Total, Tumors, Frontotemporal Lobe, Sphenoid Wing and Petrotentorial by Craniotomy
					Resection, Gross total, Tumor, Frontal lobe, Left, by Craniotomy
					Resection, Mass, Frontal Lobe, Right by Craniotomy
					Resection, Mass, Middle Fossa By Craniotomy
					Resection, Mass, Parieto-occipital Region, Right by Craniotomy
					Resection, Near Total, Ectopic Craniopharyngioma, Suprasellar Region by Craniotomy, Bifrontal
					Resection, Near Total, Mass, Frontoparietal, Right by Craniotomy
					Resection, Near Total, Mass, Posterior Fossa by Occipital Craniotomy
					Resection, Near Total, Recurrent Tumor, Temporal Lobe, Left by Craniotomy
					Resection, Near Total, Residual Tumor, Temporal Lobe, Right by Craniotomy
					Resection, Near Total, Tumor, Brain, by Craniotomy
					Resection, Near Total, Tumor, Posterior Fossa by Suboccipital Craniotomy
					Resection, Near Total, Tumor, Temporal Lobe, Left by Craniotomy
					Resection, Near Total, Tumor, Third Ventricle by Craniotomy
					Resection, Partial, Tumor, Frontoparietal Lobe, Right by Craniotomy, Bifrontal
					Resection, Partial, Tumor, Frontoparietal Region, Right by Craniotomy
					Resection, Partial, Tumor, Temporal Lobe, Right by Craniotomy
					Resection, Residual Astrocytoma and Necrotic Tissue, Cerebellar, Right by Craniotomy
					Resection, Subtotal, Astrocytoma, Dorsally Exophytic Brainstem, by Posterior Fossa Craniotomy
					Resection, Subtotal, Choroid Plexus Carcinoma, Lateral Ventricle by Craniotomy

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Brain Excision; Other Craniotomy	01.59	01.24			Resection, Subtotal, Glioma, Hypothalamic by Craniotomy, Fronto-Temporal, Left
					Resection, Subtotal, Mass, Cavernous Sinus and Orbital Fissure, Superior, Right by Craniotomy
					Resection, Subtotal, Mass, Cerebellum and Brainstem, Right by Suboccipital Craniotomy
					Resection, Subtotal, Mass, Fourth Ventricle by Craniotomy
					Resection, Subtotal, Mass, Parietal Intracranial, Right by Craniotomy
					Resection, Subtotal, Mass, Temporal Lobe, Left by Craniotomy
					Resection, Subtotal, Mass, Thalamus, Left by Craniotomy
					Resection, Subtotal, Mass, Thalamus, Right by Craniotomy, Temporal Parietal
					Resection, Subtotal, Residual Astrocytoma, Brainstem by Posterior Fossa Craniotomy
					Resection, Subtotal, Tumor, Brain by Craniotomy
					Resection, Subtotal, Tumor, Cerebellar, Right by Craniotomy
					Resection, Subtotal, Tumor, Cerebellum by Craniotomy
					Resection, Subtotal, Tumor, Cerebellum, Left by Sub-Occipital Craniotomy
					Resection, Subtotal, Tumor, Cerebellum, Right by Craniotomy, Suboccipital
					Resection, Subtotal, Tumor, Cerebellum, by Suboccipital Craniotomy
					Resection, Subtotal, Tumor, Cervicomedullary Junction, by Craniotomy
					Resection, Subtotal, Tumor, Dorsal Medulla by Craniotomy, Suboccipital
					Resection, Subtotal, Tumor, Extra-Axial Pontine/Medullary, Left by Craniotomy
					Resection, Subtotal, Tumor, Frontal Lobe, Left by Craniotomy
					Resection, Subtotal, Tumor, Frontal Lobe, Right by Craniotomy
					Resection, Subtotal, Tumor, Hypothalamic Region by Craniotomy
					Resection, Subtotal, Tumor, Hypothalamus by Craniotomy, Frontal Temporal, Right
					Resection, Subtotal, Tumor, Parasellar Region by Craniotomy
					Resection, Subtotal, Tumor, Parietal Lobe, Left by Craniotomy
					Resection, Subtotal, Tumor, Parietal Region, Right by Craniotomy



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Other Brain Excision; Other Craniotomy	01.59	01.24			Resection, Subtotal, Tumor, Posterior Fossa by Craniotomy
					Resection, Subtotal, Tumor, Posterior Fossa by Suboccipital Craniotomy
					Resection, Subtotal, Tumor, Suprasellar Region, Left by Craniotomy
					Resection, Subtotal, Tumor, Suprasellar Region, Right by Craniotomy
					Resection, Subtotal, Tumor, Tegmentum of Midbrain by Craniotomy
					Resection, Subtotal, Tumor, Tempoparietal Lobe, Right by Craniotomy
					Resection, Subtotal, Tumor, Tempoparietal, Left by Craniotomy
					Resection, Subtotal, Tumor, Temporal Lobe, Left by Craniotomy
					Resection, Subtotal, Tumor, Temporal Lobe, Right by Craniotomy
					Resection, Subtotal, Tumor, Temporal Parietal Occipital Region, Right by Craniotomy
					Resection, Subtotal, Tumor, Temporo-Parietal with Medial Extension to Level of Brainstem, Left by Craniotomy, Temporo-Parietal Occipital, Left
					Resection, Subtotal, Tumor, Thalamus, Right by Craniotomy
Other Brain Excision; Other Craniotomy; Brain Meninge Repair Nec	01.59	01.24	02.12		Resection, Gross Total, Tumor, Fronto-temporal-parietal, Right with Duraplasty, by Craniotomy
Other Brain Excision; Other Craniotomy; Immobiliz/Wound Attn Nec	01.59	01.24	93.59		Resection, Gross Total, Mass, Temporal Lobe, Left by Stereotactic Pterygonal Craniotomy, Left
					Resection, Gross Total, Recurrent Tumor, Temporal Lobe, Left by Stereotactic Craniotomy
					Resection, Gross Total, Tumor, Cerebellar by Craniotomy, Stereotactic, Suboccipital, Left
					Resection, Gross Total, Tumor, Parietal Lobe, Right by Stereotactic Craniotomy, Right
					Resection, Gross Total, Tumor, Thalamus, Left by Stereotactic Craniotomy, Parietal-Occipital
					Resection, Partial, Tumor, Sylvian Fissure, Right by Stereotactic Craniotomy, Tempoparietal
Other Brain Excision; Skull Plate Removal; Other Craniotomy	01.59	02.07	01.24		Resection, Cyst, Frontal Lobe, Right and Removal of Infected Cranioplasty Plate by Craniotomy
Other Brain Excision; Sphenoidotomy; Nasal Sinus Dx Proc Nec	01.59	22.52	22.19		Resection, Subtotal, Tumor, Parasellar Region by Endoscopic Transsphenoidal Craniotomy
Other Brain Excision; Ventriculostomy (End 2010)	01.59	02.2			Fenestration, Cyst, Sylvian Gial, Left
					Fenestration, Lateral Ventricle, Right

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Other Brain Incision	01.39				Evacuation, Blood Clot, Brain
					Evacuation, Hematoma, Cerebellum, Left
					Evacuation, Hematoma, Fourth Ventricle
					Evacuation, Hematoma, Intercerebral
					Evacuation, Hematoma, Occipital Lobe, Right
					Exploration, Cerebellopontine Angle, Right
					Exploration, Lesion, Frontal Lobe, Posterior, Left, by Craniotomy
					Exploration, Optic Chiasm
					Exploration, Posterior Fossa
					Exploration, Posterior Fossa by Craniotomy
					Placement, Attempted, Catheter, Cyst Wall, Brain
					Removal, Hematoma, Left by Craniotomy
					Removal, Hematoma, Posterior Fossa by Craniotomy
					Removal, Hematoma, Temporal Lobe, Left
					Removal, Hematoma, Temporoparietal Region, Left
					Removal, Intracerebral Hematomas, Frontal Lobe, Right by Frontal Craniotomy
					Removal, Radium Implants, Brain
					Resection, Hemorrhagic Infarction/Hematoma, Frontal Lobe, Left
					Resection, Residual, Hemorrhagic infarct, Cerebellar, Left
Other Brain Incision; Closed Brain Biopsy	01.39	01.13			Exploration and Biopsy, Basal Cistern
Other Brain Incision; Immobiliz/Wound Attn Nec	01.39	93.59			Resection, Subtotal, Recurrent Meningioma, Frontal Lobe, Left by Stereotactic Craniotomy
Other Brain Incision; Other Craniotomy	01.39	01.24			Evacuation, Hematoma, Parieto-occipital Lobe, Right by Craniotomy
Other Bronchoscopy	33.23				Bronchoscopy
Other Bronchoscopy; Oth Laryngeal Operation; Other Part Laryngectomy	33.23	31.98	30.29		Dilatation with Laser Excision, Stenosis, Subglottic by Bronchoscopy
Other Cast Application	93.53				Application, Cast, Leg, Right
Other Cast Application; Other Cast Application	93.53	93.53			Application, Short Leg Cast, Bilateral
Other Cervical Fus (Ant) (Begin 1980); Fusion Or Refusion Of 23 Ve (Begin 2003); Insert Interbody Spinal Fusi (Begin 2002)	81.02	81.62	84.51		Fusion with Milled Lordotic Bone Spacer, Anterior Interbody, Cervical, C5-C6 and C6-C7
Other Cervical Fus (Ant) (Begin 1980); Fusion Or Refusion Of 23 Ve (Begin 2003); Insert/Replac Skull Tong; Spine Tract W Skull Dev	81.02	81.62	02.94	93.41	Fusion, Anterior Cervical with Halo Insertion

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Chest Wall Repair	34.79				Excision, Fistula Tract and Marlex Mesh, Chest Wall, Anterior, Right
					Insertion, Implant, Chest Wall, Left
					Reconstruction, Chest Wall, Left
					Reconstruction, Chest Wall, Right with Marlex Mesh
					Repair, Chest Wall, with Marlex Mesh
Other Chest Wall Repair; Vasc Shunt & Bypass Nec	34.79	39.29			Reconstruction, Chest Wall with Gore-Tex Graft
Other Chordotomy	03.29				Chordotomy, Spinal
					Myelotomy
Other Control Gast Hem (Begin 1989); Tram Flap Free (Begin 2008)	44.49	85.73			Ligation and Division, Superficial and Deep Inferior Epigastric Vessels, Bilateral (Delayed TRAM Flap Reconstruction)
Other Craniectomy	01.25				Craniectomy
					Craniectomy, Frontal
					Craniectomy, Fronto-Temporal
					Craniectomy, Occipital
					Craniectomy, Occipital, Right
					Craniectomy, Parietal
					Craniectomy, Posterior Fossa
					Craniectomy, Suboccipital
					Craniectomy, Temporal
					Debridement, Skull Base, Right
					Removal, Flap, Bone, Left by Craniotomy
					Resection, Odontoid and Lower Clivus by Transoral Approach
Other Craniectomy; Destruct Facial Bone Les	01.25	76.2			Debridement, Clivus, Palate and Left Infratemporal Fossa
Other Craniectomy; Mastoidectomy Nec	01.25	20.49			Craniectomy, Occipital, Left with Partial Mastoidectomy
Other Craniectomy; Other Craniectomy	01.25	01.25			Removal, Flap, Bone, Frontal and Parietal, Bilateral by Craniotomy
Other Craniectomy; Skull Plate Removal	01.25	02.07			Debridement, Wound, Cranium with Removal of Skull Plate
Other Craniotomy	01.24				Burr Hole, Frontal
					Burr Hole, Parietal
					Burr Hole, Temporal
					Burr Holes, Craniotomy
					Craniotomy
					Craniotomy, 4th Ventricle
					Craniotomy, Bifrontal
					Craniotomy, Frontal

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Other Craniotomy	01.24				Craniotomy, Frontoparietal
					Craniotomy, Left
					Craniotomy, Occipital
					Craniotomy, Occipital and Suboccipital
					Craniotomy, Parietal
					Craniotomy, Parietal Lobe, Posterior, Right
					Craniotomy, Parietal Occipital, Right
					Craniotomy, Posterior Fossa
					Craniotomy, Pterional
					Craniotomy, Suboccipital
					Craniotomy, Temporal
					Craniotomy, Temporal Lobe
					Craniotomy, Temporal Lobe, Right
					Craniotomy, Temporoparietal Region
					Decompression by Craniotomy/Craniectomy
					Decompression, Frontoparietal Temporal Region, by Craniotomy
					Decompression, Temporal Horn, Right
					Endoscopy, Fiberoptic, Ventricle
					Evacuation, Hematoma, Epidural, Frontoparietal Region, Left
					Evacuation, Hematoma, Epidural, Occipital Region, Left
					Evacuation, Hematoma, Epidural, Right by Craniotomy
					Evacuation, Hematomas, Parietal Epidural
					Frontotemporal Craniotomy, Right
					Removal, Calcified Epidural Hematoma, Parietal Lobe, Left by Craniotomy
					Removal, Intracranial Pressure Monitor
					Subdural Tap, by Burr Hole
Other Craniotomy; Extracranial Intracranial Bypass (Begin 1991); Repair Of Vessel Nec; Procedure on Vessel (Begin 2005)	01.24	39.28	39.59	00.40	Encephaloduroarteriomyosynangiosis
					Encephaloduroarteriomyosynangiosis, Left
					Encephaloduroarteriomyosynangiosis, Right

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Other Craniotomy; Immobiliz/Wound Attn Nec	01.24	93.59			Craniotomy, Stereotactic with Transcallosal Approach
					Craniotomy, Stereotactic, Frontal
Other Craniotomy; Other Brain Excision	01.24	01.59			Decompression and Resection, Mass, Occipital Lobe, Left by Craniotomy
Other Craniotomy; Other Craniectomy	01.24	01.25			Decompression by Craniotomy/Craniectomy
Other Destru Pancrea Les (Begin 1989)	52.22				Excision, Cyst, Pancreas
Other Destru Urethra Les (Begin 1990)	58.39				Removal, Scar tissue, Urethra
					Resection, Posterior Urethral Valves, by Transurethral Approach
Other Destruc Anus Les (Begin 1989)	49.39				Ablation, Laser, Human Papilloma Virus Lesion, Anogenital
					Excision, Lesion, Anus
					Removal, Condylomata, Anogenital
Other Destruc Anus Les (Begin 1989); Anal Sphincterotomy Nec	49.39	49.59			Fissurectomy with Sphincterotomy, Internal Rectum
Other Destruc Anus Les (Begin 1989); Local Vulvar Excis Nec	49.39	71.3			Cryotherapy, Condylomata, Ano-genital
Other Destruc Anus Les (Begin 1989); Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988)	49.39	86.22	86.28		Debridement, Skin of Sphincter and Rectum
Other Destruc Bronc Les (Begin 1989)	32.09				Excision, Cyst, Bronchogenic
Other Diaphragm Repair	34.84				Repair, Diaphragm
					Repair, Eventration, Hemidiaphragm, Right
					Repair, Hemidiaphragm, Left
Other Endovascular Repair (Begin 2000)	39.79				Embolization, Tumor
					Thrombectomy, Lower Extremity, Left
Other Endovascular Repair (Begin 2000); Inject/Infuse Nec	39.79	99.29			Embolization, Uterine Artery
Other Excision Of Lung	32.9				Excision, Mass, Thoracic
Other Eyelid Incision	08.09				Incision and Drainage, Hordeolum
					Removal, Platinum Plate, Upper Eyelid, Left
Other Eyelid Incision; Chalazion Excision	08.09	08.21			Incision and Drainage with Curettage, Chalazion
Other Eyelid Incision; Lid Reconstruction Nos	08.09	08.70			Release, Suture and Adhesions, Lateral Augmentation, Eye, Right
Other Femoral Incision	77.15				Derotation Osteotomy, Femoral Varus, Left
					Derotation Osteotomy, Femur, Right
					Evacuation, Hematoma, Femur, Right
					Exploration, Femur
					Removal, Antibiotic Impregnated Beads, Femur, Left

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Other Fusion Of Foot	81.17				Arthrodesis, Foot
					Arthrodesis, Foot, Right
Other Gastrostomy (Begin 1989)	43.19				Gastrostomy
					Gastrostomy Tube
					Gastrostomy, Placement of Button
					Placement, Gastrostomy Tube
					Placement, Gastrostomy Tube with Button
					Placement, Percutaneous, Gastrostomy Tube
Other Gastrostomy (Begin 1989); Laparoscopy	43.19	54.21			Laparoscopic Placement of Gastrostomy Tube
					Laparoscopic Placement, Gastrostomy Button
Other Glossotomy; Radioactive Elem Implant	25.94	92.27			Insertion, Afterloading Catheter, Tongue
Other Gu System Exams; Uroflowmetry; Urethral Pressure Profil; Cystometrogram	89.29	89.24	89.25	89.22	Evaluation, Urodynamic
Other Heat Therapy	93.35				Thermotherapy, Transpupillary, Eye, Left
					Thermotherapy, Transpupillary, Eye, Right
					Thermotherapy, Transpupillary, Multiple, Eye, Left
					Thermotherapy, Transpupillary, Multiple, Eye, Right
Other Heat Therapy; Inj Therap Subst Periton; Inject Ca Chemother Nec	93.35	54.97	99.25		Hyperthermic Intraperitoneal Chemotherapy
Other Heat Therapy; Other Heat Therapy	93.35	93.35			Thermotherapy, Transpupillary, Multiple, Eye, Bilateral
Other Hernia Repair	53.9				Herniorrhaphy
					Herniorrhaphy, Right
Other Hernia Repair; Other Hernia Repair	53.9	53.9			Herniorrhaphy, Bilateral
Other Humerus Incision	77.12				Derotation Osteotomy, Humerus, Proximal, Left
					Removal, Bone Fragment, Humerus, Left
Other Laryngeal Repair	31.69				Laryngoplasty
					Medialization (thyroplasty), with Implant Placement, Vocal Cord
					Reconstruction, Vocal Cord
					Repair, Congenital Cleft, Laryngeal

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Other Local Destruc Skin	86.3				Ablation, Laser, Planter Wart, Heel, Left
					Ablation, Laser, Warts, Face
					Biopsy, Excisional, Lesion, Skin of Shoulder, Left
					Biopsy, Excisional, Mass, Thigh, Right
					Biopsy, Excisional, Nevus, Neck, Posterior
					Biopsy, Excisional, Skin Lesion, Lumbar Area
					Biopsy, Excisional, Skin Lesion, Temporal Area
					Biopsy,Excisional, Mass, Axilla ,Left
					Cauterization
					Cauterization, Condyloma
					Cauterization, Tumor, Chest Wall, Right
					Cauterization, Tumor, Leg, Left
					Cryosurgery, Lesion, Skin of Back, Lower
					Cryosurgery, Plantar Wart, Foot, Left
					Cryosurgery, Plantar Wart, Foot, Right
					Cryosurgery, Skin Lesion, Multiple
					Cryotherapy
					Cryotherapy, Flank, Left
					Cryotherapy, Lesion, Skin of Cheek, Left
					Cryotherapy, Skin Lesion, Back, Inferior
					Cryotherapy, Skin Lesion, Shoulder, Right
					Cryotherapy, Skin Lesion, Upper Chest
					Cryotherapy, Skin of Scalp
					Cryotherapy, Skin of Trunk
					Cryotherapy, Wart, Hand
					Curettage and Desiccation, Basal Cell Carcinoma
					Curettage and Desiccation, Basal Cell Carcinoma, Arm, Left
					Debridement, Callus, Foot, Right
					Debulking, Mass, Temporal
					Electrodesiccation and Curettage, Basal Cell Carcinoma, Neck, Right
					Electrodesiccation and Curettage, Forehead, Left
					Electrodesiccation and Curettage, Forehead, Right
					Electrodesiccation and Curettage, Lesion, Skin of Neck
					Electrodesiccation and Curettage, Scalp, Right
					Electrodesiccation and Curettage, Skin of Back, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Electrodesiccation and Curettage, Skin of Scalp, Frontal
					Electrodesiccation and Curettage, Skin of Shoulder, Right
					Electrodesiccation and Curretage, Skin of Abdomen
					Electrodessication and Curettage, Skin of Back, Left
					Electrodessication and Curettage, Skin of Collarbone, Right
					Electrodessication, Basal Cell Carcinoma, Skin, Multiple Sites
					Electrodessication, Skin of Shin, Left
					Excision for Graft, Fatty Tissue
					Excision, Apocrine Glands, Axilla
					Excision, Atypical Lesion, Back
					Excision, Atypical Nevi
					Excision, Atypical Nevi, Buttock, Left
					Excision, Atypical Nevi, Multiple, Back
					Excision, Atypical Nevi, Neck, Posterior, Left
					Excision, Atypical Nevi, Sternum
					Excision, Atypical Nevi, Trunk
					Excision, Atypical Nevus, Abdomen
					Excision, Atypical Nevus, Ankle, Dorsal, Left
					Excision, Atypical Nevus, Arm, Left
					Excision, Atypical Nevus, Arm, Right
					Excision, Atypical Nevus, Axilla, Right
					Excision, Atypical Nevus, Back
					Excision, Atypical Nevus, Back, Right
					Excision, Atypical Nevus, Chest Wall, Right
					Excision, Atypical Nevus, Chest, Anterior
					Excision, Atypical Nevus, Chin, Right
					Excision, Atypical Nevus, Clavicle, Left
					Excision, Atypical Nevus, Hip, Left
					Excision, Atypical Nevus, Neck, Posterior
					Excision, Atypical Nevus, Neck, Right
					Excision, Atypical Nevus, Popliteal, Right
					Excision, Atypical Nevus, Skin of Ankle, Right
					Excision, Atypical Nevus, Skin of Leg, Right
					Excision, Atypical Nevus, Skin of Pubic Region, Right
					Excision, Atypical Nevus, Skin of Scapula, Posterior, Right



**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Atypical Nevus, Skin of Thigh, Right
					Excision, Atypical Nevus, Temple, Left
					Excision, Atypical Nevus, Upper Abdomen, Right
					Excision, Atypical Skin Lesion, Back, Right
					Excision, Atypical Skin Lesion, Chest Wall, Posterior, Left
					Excision, Atypical Skin Lesion, Clavicle, Left
					Excision, Atypical Skin Lesion, Infrascapular Region, Left
					Excision, Atypical Skin Lesion, Shoulder, Left
					Excision, Atypical Skin Lesions, Scapula, Left
					Excision, Basal Cell Carcinoma, Forehead
					Excision, Basal Cell Carcinoma, Scapula Region, Right
					Excision, Basal Cell Carcinoma, Shoulder, Left
					Excision, Basal Cell Carcinoma, Skin Lateral to Eye, Left
					Excision, Basal Cell Carcinoma, Skin of Abdomen, Left
					Excision, Basal Cell Carcinoma, Skin of Abdomen, Right
					Excision, Basal Cell Carcinoma, Skin of Arm, Left
					Excision, Basal Cell Carcinoma, Skin of Arm, Right
					Excision, Basal Cell Carcinoma, Skin of Back
					Excision, Basal Cell Carcinoma, Skin of Chest
					Excision, Basal Cell Carcinoma, Skin of Chest, Bilateral
					Excision, Basal Cell Carcinoma, Skin of Face
					Excision, Basal Cell Carcinoma, Skin of Flank, Left
					Excision, Basal Cell Carcinoma, Skin of Flank, Right
					Excision, Basal Cell Carcinoma, Skin of Leg, Left
					Excision, Basal Cell Carcinoma, Skin of Neck, Left
					Excision, Basal Cell Carcinoma, Skin of Neck, Posterior
					Excision, Basal Cell Carcinoma, Skin of Neck, Right
					Excision, Basal Cell Carcinoma, Skin of Scalp
					Excision, Basal Cell Carcinoma, Skin of Scalp, Left
					Excision, Basal Cell Carcinoma, Skin of Scalp, Right
					Excision, Basal Cell Carcinoma, Skin of Shoulder
					Excision, Basal Cell Carcinoma, Skin of Shoulder, Right
					Excision, Basal Cell Carcinoma, Skin, Multiple
					Excision, Basal Cell Carcinoma, Skin, Multiple Sites
					Excision, Basal Cell Carcinoma, Suprapubic Region, Inferior, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Basal Cell Carcinoma, Suprapubic Region, Medial, Right
					Excision, Basal Cell Carcinoma, Temple, Left
					Excision, Basal Cell Carcinoma, Temple, Right
					Excision, Benign Hair Matrix Cyst, Abdomen, Left
					Excision, Broviac Line Tract Infected, Left
					Excision, Catheter Line Tract, Right
					Excision, Compound Nevus and Lentigo Simplex, Neck, Left
					Excision, Compound Nevus, Arm, Left
					Excision, Compound Nevus, Arm, Posterior, Left
					Excision, Compound Nevus, Chest Wall, Left
					Excision, Compound Nevus, Inner Thigh, Left
					Excision, Compound Nevus, Lower Occiput, Left
					Excision, Compound Nevus, Neck, Left
					Excision, Compound Nevus, Popliteal Space, Right
					Excision, Compound Nevus, Skin of Shoulder, Left
					Excision, Cyst of Scalp, Right
					Excision, Cyst, Axilla, Left
					Excision, Cyst, Back
					Excision, Cyst, Chest/Trunk
					Excision, Cyst, Face
					Excision, Cyst, Foot, Left
					Excision, Cyst, Neck, Posterior, Left
					Excision, Cyst, Neck, Posterior, Right
					Excision, Cyst, Neck, Right
					Excision, Cyst, Sebaceous, Face, Right
					Excision, Cyst, Thigh, Left
					Excision, Cyst/Nevus, Skin of Trunk
					Excision, Cystic Hygroma, Chest, Left
					Excision, Dermoid Cyst, Forehead
					Excision, Dysplastic Nevi, Back
					Excision, Dysplastic Nevi, Forearm, Proximal, Right
					Excision, Dysplastic Nevi, Mid-Chest, Right
					Excision, Dysplastic Nevi, Skin of Ankle, Right
					Excision, Dysplastic Nevus, Arm, Left
					Excision, Dysplastic Nevus, Back

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Dysplastic Nevus, Chest, Anterior, Right
					Excision, Dysplastic Nevus, Shoulder, Right
					Excision, Epidermal Inclusion Cyst, Back, Left
					Excision, Epidermoid Cyst, Neck
					Excision, Hemangioma, Neck
					Excision, Hemangioma, Right Upper Arm
					Excision, Inclusion Cyst
					Excision, Inclusion Cyst, Finger
					Excision, Inflamed Hypertrophic Scar, Chest, Anterior, Left
					Excision, Keloid
					Excision, Laser, Paronychia, Toe
					Excision, Lesion or Granulation, Hickman Site
					Excision, Lesion, Back
					Excision, Lesion, Below Knee Stump, Left
					Excision, Lesion, Cheek
					Excision, Lesion, Cheek, Left
					Excision, Lesion, Chest, Left
					Excision, Lesion, Chin
					Excision, Lesion, Face
					Excision, Lesion, Finger
					Excision, Lesion, Foot, Left
					Excision, Lesion, Forearm, Right
					Excision, Lesion, Forehead
					Excision, Lesion, Forehead, Left
					Excision, Lesion, Groin Area
					Excision, Lesion, Hand, Right
					Excision, Lesion, Lower Leg, Left
					Excision, Lesion, Lower Leg, Right
					Excision, Lesion, Mons Pubis
					Excision, Lesion, Neck
					Excision, Lesion, Neck, Left
					Excision, Lesion, Neck, Right
					Excision, Lesion, Occipital Scalp
					Excision, Lesion, Scalp
					Excision, Lesion, Scalp, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Lesion, Skin Lateral to Eye, Right
					Excision, Lesion, Skin Popliteal Fossa, Left
					Excision, Lesion, Skin of Abdomen, Right
					Excision, Lesion, Skin of Ankle, Left
					Excision, Lesion, Skin of Axilla, Left
					Excision, Lesion, Skin of Axilla, Right
					Excision, Lesion, Skin of Calf, Left
					Excision, Lesion, Skin of Chest
					Excision, Lesion, Skin of Face
					Excision, Lesion, Skin of Hip, Right
					Excision, Lesion, Skin of Leg
					Excision, Lesion, Skin of Mid-Back
					Excision, Lesion, Skin of Scalp, Right
					Excision, Lesion, Skin, Head, Right
					Excision, Lesion, Skin, Thigh, Left
					Excision, Lesion, Skin, Thigh, Right
					Excision, Lesion, Temple, Right
					Excision, Lesion, Upper Arm, Right
					Excision, Lipoma
					Excision, Lipoma, Skin of Neck
					Excision, Mass, Abdominal
					Excision, Mass, Arm
					Excision, Mass, Back, Left
					Excision, Mass, Back, Right
					Excision, Mass, Buttock, Right
					Excision, Mass, Cheek
					Excision, Mass, Flank, Right
					Excision, Mass, Forearm, Left
					Excision, Mass, Forearm, Right
					Excision, Mass, Forehead
					Excision, Mass, Groin Area, Left
					Excision, Mass, Hand, Dorsum, Left
					Excision, Mass, Leg, Left
					Excision, Mass, Leg, Right
					Excision, Mass, Multiple, Arm, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Mass, Neck, Left
					Excision, Mass, Neck, Posterior
					Excision, Mass, Neck, Right
					Excision, Mass, Parietal Scalp, Left
					Excision, Mass, Subcutaneous, Lower Back
					Excision, Mass, Thigh
					Excision, Mass, Thigh, Posterior Medial, Right
					Excision, Mass, Thigh, Posterior, Left
					Excision, Mass, Thigh, Posterior, Thigh
					Excision, Mass, Thigh, Right
					Excision, Mass, Upper Arm, Right
					Excision, Multiple Atypical Nevi
					Excision, Multiple Lesions, Skin
					Excision, Multiple Nevi, Back
					Excision, Multiple Nevi, Trunk
					Excision, Multiple, Basal Cell Carcinoma, Skin of Back
					Excision, Multiple, Basal Cell Carcinoma, Skin of Scalp
					Excision, Neurofibroma, Scalp
					Excision, Neurofibromas, Chest, Bilateral
					Excision, Nevi, Arm, Right
					Excision, Nevi, Chin
					Excision, Nevi, Face, Left
					Excision, Nevi, Leg
					Excision, Nevi, Mid-Back
					Excision, Nevi, Neck
					Excision, Nevi, Scalp, Left
					Excision, Nevus and Subcutaneous Nodule, Back, Anterior Superior, Left
					Excision, Nevus, Abdomen, Lower
					Excision, Nevus, Axilla, Posterior, Left
					Excision, Nevus, Back
					Excision, Nevus, Back, Mid-Upper
					Excision, Nevus, Back, Upper, Right
					Excision, Nevus, Buttock, Right
					Excision, Nevus, Cheek, Left
					Excision, Nevus, Chest, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Nevus, Face
					Excision, Nevus, Fifth Toe, Left
					Excision, Nevus, Flank, Right
					Excision, Nevus, Foot, Left
					Excision, Nevus, Hand, Left
					Excision, Nevus, Hand, Right
					Excision, Nevus, Hip, Left
					Excision, Nevus, Infraclavicular, Right
					Excision, Nevus, Neck, Anterior, Left
					Excision, Nevus, Palm, Left
					Excision, Nevus, Scalp, Posterior
					Excision, Nevus, Scapula Region, Right
					Excision, Nevus, Skin of Foot
					Excision, Nevus, Skin of Foot, Right
					Excision, Nevus, Skin of Forearm, Left
					Excision, Nevus, Skin of Scalp
					Excision, Nevus, Skin of Shoulder
					Excision, Nevus, Skin of Shoulder, Left
					Excision, Nevus, Supraclavicular, Left
					Excision, Nevus, Thigh, Left
					Excision, Nevus, Thigh, Right
					Excision, Nevus/Nevi, Scalp
					Excision, Nodule, Arm, Left
					Excision, Nodule, Buttock, Right
					Excision, Nodule, Scalp
					Excision, Scar
					Excision, Scar Tissue, Forehead, Central
					Excision, Scar, Neck
					Excision, Sebaceous Cyst, Back
					Excision, Seroma, Groin, Left
					Excision, Seroma, Inguinal, Right
					Excision, Sinus Tract, Hickman Line Site
					Excision, Sinus Tract, Tibia, Right
					Excision, Skin Lesion, Chest, Anterior, Left
					Excision, Skin Lesion, Forehead, Right

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Skin Lesion, Shoulder, Left
					Excision, Skin Lesion, Tricep Area, Left
					Excision, Skin Lesion, Upper Back
					Excision, Skin Lesions, Overlying Scar, Lower Extremity, Right
					Excision, Skin Tag(s), Neck
					Excision, Skin Tags, Axilla, Bilateral
					Excision, Skin Tags, Cervical
					Excision, Skin Tags, Rectum
					Excision, Skin, Forehead
					Excision, Soft Tissue, Inferior Aortic Cava
					Excision, Squamous Cell Carcinoma In Situ, Skin of Abdomen, Right
					Excision, Squamous Cell Carcinoma In situ, Neck, Left
					Excision, Squamous Cell Carcinoma, Skin of Hand, Right
					Excision, Subcutaneous Nodule, Abdomen
					Excision, Subcutaneous Nodule, Scalp, Left
					Excision, Subcutaneous Nodule, Shoulder, Right
					Excision, Submental Node
					Excision, Surgical, Atypical Nevus, Hip, Right
					Excision, Surgical, Dermal Scar Tissue, Chest, Middle
					Excision, Surgical, Spitz Nevus, Shoulder, Upper, Left
					Excision, Verruca Vulgaria, Arm, Upper, Left
					Excision, Verruca, 3rd Finger, Left
					Excision, Wide Local, Cheek, Left
					Excision, Wide Local, Inguinal Area
					Excision, Wide Local, Lesion, Skin of Thigh, Left
					Excision, Wide Local, Melanoma, Chest Wall
					Excision, Wide Local, Skin Lesion, Chest
					Excision, Wide Local, Skin Lesion, Chest, Right
					Excision, Wide Local, Skin of Forearm, Left
					Excision, Wide Local, Skin of Nose
					Excision, Wide Local, Skin, Buttock, Left
					Excision, Wide, Flank, Right
					Excision, Wide, Hickman Catheter Tract, Left
					Excision, Wide, Infected Subcutaneous Broviac Cuff, Left
					Excision, Wide, Local, Paraspinal Area

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Excision, Wide, Skin of Abdomen, Right
					Excision, Wide, Skin of Breast, Left
					Excision, Inclusion Cyst, Groin, Left
					Excision, Nevus, Forehead, Right
					Hyfrecation, Tumor Bed, Skin of Temple, Right
					Re-Excision, Lesion, Scalp
					Re-excision, Lesion, Neck
					Re-excision, Tumor Bed, Foot, Left
					Reexcision, Atypical Skin Lesion, Back, Right
					Reexcision, Basal Cell Carcinoma, Temple, Left
					Reexcision, Dysplastic Nevi, Mid-chest, Right
					Reexcision, Dysplastic Nevus, Arm, Left
					Reexcision, Dysplastic Nevus, Back, Right
					Reexcision, Dysplastic Nevus, Mid Back, Left
					Reexcision, Dysplastic Nevus, Suprapubic, Right
					Reexcision, Lesion, Skin of Cheek, Left
					Reexcision, Lesion, Skin of Chest
					Reexcision, Lesion, Skin of Forehead, Right
					Reexcision, Mass, Back, Left
					Reexcision, Mass, Back, Right
					Reexcision, Nevus, Chest, Right
					Reexcision, Nevus, Skin of Back, Left
					Reexcision, Scar Tissue, Calf, Left
					Reexcision, Skin Lesion, Upper Back, Middle
					Reexcision, Skin, Abdomen
					Reexcision, Wide, Lesion, Hip, Left
					Removal, Compound Nevus, Bicep, Lower, Right
					Removal, Compound Nevus, Neck, Right
					Removal, Cyst, Scalp
					Removal, Dermal Fat Graft, Eye Socket, Right
					Removal, Dysplastic Nevi
					Removal, Keloid Scar, Shoulder, Left
					Removal, Laser, Skin Tags
					Removal, Nevi, Arm, Left
					Removal, Nevus, Abdomen, Lower, Right



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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin	86.3				Removal, Nevus, Leg
					Removal, Nevus, Skin of Back
					Removal, Plantar Wart, Heel, Left
					Removal, Plantar's Wart
					Removal, Verruca, Hand, Left
					Resection, Cavernous Hemangioma, Elbow, Left
					Resection, Compound Nevus, Shoulder, Upper, Left
					Resection, Gross Total, Mass, Face, Left
					Resection, Gross Total, Tumor, Subgaleal Scalp, Parietal, Right
					Resection, Hyperchromic Skin Lesion, Back
					Resection, Juvenile Xanthogranuloma, Forearm, Right
					Resection, Lesion, Scalp of Parieto-Occipital Region, Left
					Resection, Lesion, Skin of Scalp, Temporal Region, Right
					Resection, Mass, Chest, Left
					Resection, Mass, Chest, Right
					Resection, Mass, Gluteal, Left
					Resection, Mass, Knee, Right
					Resection, Mass, Popliteal Fossa, Left
					Resection, Nevus, Skin of Cheek, Right
					Resection, Partial, Tumor Mass, Cheek
					Resection, Residual Tumor, Thigh, Left
					Resection, Subtotal, Mass, Chest, Right
					Resection, Tumor, Flank, Left
					Resection, Tumor, Foot, Left
					Resection, Tumor, Palm
					Resection, Wide Local, Tumor Bed, Flank, Left
Other Local Destruc Skin; Destructfoot Jt Les Nec	86.3	80.88			Excision, Lesion, Great Toe, Left
					Excision, Lesion, Hallux, Right
Other Local Destruc Skin; Destruct Abd Wall Lesion	86.3	54.3			Resection, Subtotal, Mass, Abdominal
Other Local Destruc Skin; Destruct Chest Wall Les	86.3	34.4			Excision, Wide, Axilla and Chest Wall, Right
Other Local Destruc Skin; Destruct Ext Ear Les Nec	86.3	18.29			Excision, Keloids, Cervical and Auricular Regions
Other Local Destruc Skin; Destruct Mediastin Les	86.3	34.3			Excision, Mass, Neck and Mediastinum, Bilateral
Other Local Destruc Skin; Destructknee Lesion Nec; Exc Les Soft Tissue Nec	86.3	80.86	83.39		Excision, Nodule, Knee, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin; Exc Les Soft Tissue Nec	86.3	83.39			Excision, Capillary Hemangioma, Thigh, Right
					Excision, Dermatofibroma, Axilla, Posterior, Right
					Excision, Infected Catheter Tract, Chest
					Excision, Lesion, Axilla
					Excision, Lesion, Periaortic, Right
					Excision, Lesion, Thigh
					Excision, Lesion, Thigh, Medial, Left
					Excision, Lesion, Thigh, Medial, Right
					Excision, Lesion, Thigh, Right
					Excision, Mass, Axilla, Left
					Excision, Mass, Axilla, Right
					Excision, Mass, Buttock
					Excision, Mass, Buttock, Left
					Excision, Mass, Calf, Left
					Excision, Mass, Multiple, Parapharyngeal Space
					Excision, Mass, Neck
					Excision, Mass, Paraaortic
					Excision, Mass, Paratracheal
					Excision, Neurofibroma, Abdomen
					Excision, Neuroma, Amputation Site, Leg, Right
					Excision, Neuroma, Digit
					Excision, Nodule, Thigh, Right
					Excision, Nodules, Antecubital Area, Arm, Right
					Excision, Subtotal, Mass, Neck, Right
					Excision, Tumor, Neck, Left
					Excision, Tumor, Pelvis, Right
					Reexcision, Tumor Bed, Lower Neck, Right
					Removal, Lipoma
Other Local Destruc Skin; Exc Les Soft Tissue Nec; Excis Lesion Of Muscle	86.3	83.39	83.32		Excision, Lesion, Paraspinal Area
Other Local Destruc Skin; Exc Les Soft Tissue Nec; Loc Exc Bone Lesion Nec	86.3	83.39	77.69		Excision, Mass, Pelvic
Other Local Destruc Skin; Excision Of Ankle Nec	86.3	80.97			Excision, Wide Local, Ankle
Other Local Destruc Skin; Nonexcis Debridement Wnd(Begin 1988)	86.3	86.28			Excision, Wide, Hickman Catheter Cuff and Debridement Tract, Right

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Local Destruc Skin; Other Local Destruc Skin	86.3	86.3			Excision, Atypical Nevi, Arm and Face
					Excision, Atypical Nevi, Back, Left and Abdomen
					Excision, Atypical Nevi, Flank, Left and Buttock, Right
					Excision, Compound Nevi, Back and Chest
					Excision, Dysplastic Nevi, Abdomen and Shoulder, Left
					Excision, Lesions, Subcutaneous, Iliac Crest and Thigh, Medial, Left
					Excision, Surgical, Atypical Nevi, Chest Wall, Anterior and Abdomen
					Excision, Surgical, Dermal Scar Tissue, Chest, Bilateral
					Reexcision, Dysplastic Nevi, Abdomen, Right and Upper Back, Right
					Removal, Atypical Nevi, Shoulder and Back
					Removal, Nevi, Atypical, Feet, Bilateral
					Removal, Skin Tags, Cheek and Ear, Right
					Removal, Verruca, Hands, Bilateral
Other Local Destruc Skin; Skin & Subq Biopsy	86.3	86.11			Excision, Incomplete and Biopsy, Nevus, Cheek, Right
Other Local Destruc Skin; Skin Suture Nec	86.3	86.59			Excision with Closure, Scar, Scalp
Other Muscle Transposit	83.79				Transposition, Gastrocnemius Muscle Flap, Left
					Transposition, Gastrocnemius Muscle, Flap, Right
Other Muscle/Fasc Suture	83.65				Resuture, Dehiscence, Wound, Deltoid, Left
Other Myectomy	83.45				Debridement, Surgical, Necrotic Tissue, Wound, Calf, Left
					Excision, Pterygoid Muscle, Lateral, Left
					Excision, Subtotal, Gracilis Muscle, Left
					Removal of Vascularized Muscle Transfer
					Resection, Anterior Rectus Sheath and Anterior 1/3 of Right Rectus Abdominis Muscle
					Resection, Extensor Digitorum Communis
					Resection, Gastrocnemius Muscle, Left
					Resection, Gastrocnemius Muscle, Right
					Resection, Psoas Muscle, Right
					Resection, Sternocleidomastoid Muscle, Left
Other Myectomy Of Hand	82.36				Resection, Interosseous Muscle, Hand, Right
Other Myectomy; Freeing Of Vessel; Per Nerve Adhesiolys Nec	83.45	39.91	04.49		Resection, Anterior Scalene, First Rib with Exploration and Decompression by Microscopic Dissection, Brachial Plexus, Left
Other Myectomy; Muscle Trnsfr/Transplant	83.45	83.77			Debridement, Removal, Ischemic Muscle Transfer

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Other Nasal Sinus Ops	22.9				Cranialization, Frontal Sinus
					Placement, Stent(s), Maxillary
					Sinusotomy, Endoscopic, Frontal sinus, Bilateral
					Surgery, Sinus
Other Nasal Sinus Ops; Nasal Sinus Dx Proc Nec	22.9	22.19			Endoscopic Surgery, Sinus
					Endoscopy with Membrane Removal, Sinus
					Endoscopy, Nasal With Cleaning, Ethmoid and Meatal Antrostomy Sites
Other Nasal Sinus Ops; Other Nasal Sinus Ops	22.9	22.9			Cauterization, Sinuses, Bilateral
Other Neuroplasty	04.79				Placement, Sacral Nerve Stimulator Lead
					Repair, Nerve, Leg, Left
					Repair, Nerve, Leg, Right
					Surgical Correction, Fourth Cranial Nerve Palsy, Left
Other Parathyroidectomy	06.89				Parathyroidectomy
					Parathyroidectomy, Incidental
					Parathyroidectomy, Incidental, Right
					Parathyroidectomy, Left
Other Part Laryngectomy	30.29				Arytenoidectomy, Endoscopic, Laser
Other Patellar Incision	77.16				Excision, Bone Chip, Tibia, Right
					Irrigation, Patella, Left
Other Perfusion; Inject Steroid	39.97	99.23			Perfusion, Steroid, Labyrinth, Right
Other Plastic Ops Fascia; Laparotomy Nec	83.89	54.19			Repair, Fascial Separation, Laparotomy Incision
Other Plastic Ops Muscle	83.87				Repair, Biceps Muscle
Other Plastic Ops Muscle; Other Plastic Ops Tendon	83.87	83.88			Repair, Muscle and Tendon, Forearm, Right
Other Plastic Ops Tendon	83.88				Reconstruction, Triceps Tendon, Right
					Repair, Tendon, Ankle, Right
					Repair, Tendon, Flexor Carpi, Wrist, Right
					Repair, Tendon, Foot, Left
					Repair, Tendon, Great Toe, Right
					Repair, Tendon, Patella, Left
					Tenodesis, Bicep, Proximal, Left
Other Plastic Ops Tendon; Muscle Or Fascia Graft	83.88	83.82			Reconstruction, Patellar Tendon with Medial Gastrocnemius Flap, Left
					Reconstruction, Patellar Tendon with Medial Gastrocnemius Flap, Right
Other Plastic Ops Tendon; Tendon Reattachment	83.88	83.73			Reconstruction, Extensor, Mechanism, Leg, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Pleural Excision	34.59				Excision, Nodule, Pleural
					Pleurectomy
					Pleurectomy, Parietal
					Pleurectomy, Partial
					Resection, Mass, Parietal Pleura, Left, by Thoracotomy
Other Pleural Excision; Other Pleural Incision	34.59	34.09			Resection, Mass, Parietal Pleura, Right by Thoracotomy
Other Pleural Incision	34.09				Evacuation, Hemothorax, Left
Other Pneumonectomy Nos (Begin 2007)	32.59				Extrapleural Pneumonectomy, Right
					Pneumonectomy
					Pneumonectomy, Left
Other Post Segment Ops	14.9				Membrane Peeling, Eye
Other Radius/Ulna Incis	77.13				Derotation Osteotomy, Radius, Shaft, Left
Other Radius/Ulna Incis; Radius & Ulna Biopsy; Soft Tissue Incision Nec; Skin & Subq Biopsy	77.13	77.43	83.09	86.11	Exploration with Biopsy, Bone and Soft Tissue, Forearm, Left
Other Repair Of Ankle	81.49				Arthroplasty, Ankle, Left
					Fixation, Surgical, Ankle, Left
					Fixation, Surgical, Ankle, Right
					Reconstruction, Ankle, Left
					Reconstruction, Lateral Ligament, Ankle, Left
					Reefing, Talonavicular Joint, Left
					Repair, Ligament, Ankle, Right
Other Repair Of Joint	81.96				Chondroplasty, Tibial Plateau, Lateral, Right
Other Repair Of Knee	81.47				Arthroplasty, Knee, Left
					Arthroplasty, Knee, Right
					Repair, Orthopedic Hardware, Knee, Left
					Surgical Correction, Injury, Knee Meniscus, Left
					Surgical Correction, Injury, Knee Meniscus, Right
Other Repair Of Knee; Excis Knee Semilun Cartl	81.47	80.6			Repair, Defect, Medial Femoral Condyle with Osteochondral Allograft, Knee, Right

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Other Repair Of Knee; Knee Arthroscopy	81.47	80.26			Arthroscopic Chondroplasty, Femoral Condyle, Knee, Bilateral
					Arthroscopic Chondroplasty, Femoral Condyle, Knee, Left
					Arthroscopic Chondroplasty, Femoral Condyle, Knee, Right
					Arthroscopic Chondroplasty, Patella, Left
					Arthroscopic Chondroplasty, Patella, Right
					Arthroscopic Repair, Medial Meniscus, Knee, Right
					Arthroscopic Repair, Meniscus, Knee, Left
					Arthroscopic Repair, Meniscus, Knee, Right
					Arthroscopic Surgery, Knee, Left
Other Repair Of Knee; Other Repair Of Knee	81.47	81.47			Arthroplasty, Knee, Bilateral
Other Skeletal Traction	93.44				Placement, Skeletal Traction, Tibia, Left
Other Skin & Subq I & D	86.04				Drainage, Abscess
					Drainage, Abscess, Thigh, Right
					Evacuation, Hematoma, Calf, Posterior, Right
					Incision and Drainage, Abscess
					Incision and Drainage, Abscess, AK Stump
					Incision and Drainage, Abscess, Arm
					Incision and Drainage, Abscess, Axillary
					Incision and Drainage, Abscess, Finger
					Incision and Drainage, Abscess, Foot
					Incision and Drainage, Abscess, Foot, Left
					Incision and Drainage, Abscess, Gluteal
					Incision and Drainage, Abscess, Leg
					Incision and Drainage, Abscess, Leg, Right
					Incision and Drainage, Abscess, Neck, Left
					Incision and Drainage, Abscess, Occipital Scalp
					Incision and Drainage, Abscess, Paraspinal
					Incision and Drainage, Abscess, Presacral Region
					Incision and Drainage, Abscess, Upper Arm, Left
					Incision and Drainage, Abscess, Upper Extremity
					Incision and Drainage, Axilla Abscess, Left
					Incision and Drainage, Axilla Abscess, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Skin & Subq I & D	86.04				Incision and Drainage, Calf
					Incision and Drainage, Great Toe
					Incision and Drainage, Groin
					Incision and Drainage, Hematoma
					Incision and Drainage, Lesion, Skin of Hands
					Incision and Drainage, Neck
					Incision and Drainage, Paraspinal Abscess, Left
					Incision and Drainage, Paronychia, 2nd Finger, Left
					Incision and Drainage, Paronychia, Toe
					Incision and Drainage, Pretibial Region, Right
					Incision and Drainage, Retained Hickman Cuff
					Incision and Drainage, Sacral Area
					Incision and Drainage, Sebaceous Cyst, Back
					Incision and Drainage, Skin of Trunk (Chest)
					Incision and Drainage, Wound, Scalp
					Insertion, Drain, Forearm, Left
					Insertion, Drain, Thoracolumbar Region
Other Skin & Subq I & D; Inc Soft Tissue Hand Nec	86.04	82.09			Incision and Drainage, Dorsum, Hand, Right
Other Skin & Subq I & D; Incision Of Chest Wall	86.04	34.01			Evacuation, Hematoma, Chest, Left
Other Skin & Subq I & D; Other Skin & Subq I & D; Other Skin & Subq I & D	86.04	86.04	86.04		Drainage, Thighs, Bilateral and Foot, Right
Other Skin & Subq I & D; Soft Tissue Incision Nec	86.04	83.09			Incision and Drainage, Abscess, Thigh, Left
					Incision and Drainage, Abscess, Thigh, Right
					Incision and Drainage, Thigh, Left
Other Skin & Subq I & D; Wound Irrigation Nec	86.04	96.59			Drainage, Irrigation and Fasciocutaneous Flap, Lower Extremity, Right
					Drainage, Seroma, Lower Extremity, Left with Pulsavac Irrigation
Other Soft Tissue Excis	83.49				Excision, Intercostal Space Soft Tissue
					Resection, Mass, Soft Tissue of Knee
Other Spinal Fus (Begin 1989); Fusion Or Refusion Of 23 Ve (Begin 2003)	81.09	81.62			Fusion, Spine, C6-C7
Other Spinal Fus (Begin 1989); Fusion Or Refusion Of 9 Or M (Begin 2003); Excise Bone For Gft Nec; Bone Graft Nec	81.09	81.64	77.79	78.09	Fusion, Spine, C4-T7 with Autologous Graft, Iliac Bone
Other Subtotal Abdominal Hys (Begin 2003)	68.39				Hysterectomy, Subtotal
Other Subtotal Abdominal Hys (Begin 2003); Remove Both Tubes & Ovar	68.39	65.61			Hysterectomy, Supracervical, by Laparotomy, with Salpingo-Oophorectomy, Bilateral
Other Suture Of Tendon	83.64				Repair, Tendon, Ankle, Left

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Other Sympathectomy	05.29				Resection, Ganglioneuroma, Intraspinal T3-T6
					Resection, Neurofibroma, Cervical Spine
					Resection, Radical, Tumor, Mediastinal Sympathetic Ganglia, Right
					Resection, Subtotal, Mass, Paraganglionic, Superior
					Resection, Tumor, Mediastinal Sympathetic Ganglia
Other Sympathectomy; Spinal Canal Explor Nec	05.29	03.09			Resection, Subtotal, Tumor, Nerve Root, with Laminectomy, T12-S2
Other Tendon Transposit	83.76				Transposition, Inferior, Tendon of Eye, Left
					Transposition, Superior, Tendon of Eye, Left
Other Tenoplasty Of Hand	82.86				Repair, Surgical, Thenar Tendon, Left
					Repair, Tendon, Hand, Left
					Repair, Tendon, Hand, Right
					Repair, Tendon, Thumb, Left
					Repair, Tendon, Thumb, Right
					Repair, Tendon, Wrist, Left
Other Tenoplasty Of Hand; Other Neuroplasty	82.86	04.79			Repair, Tendon and Nerve, Hand, Right
Other Tenotomy	83.13				Release, Heel Cord, Left
					Release, Tendon, Knee, Left
					Release, Tendon, Knee, Right
					Release, Tendon, Wrist, Left
					Sectioning, Peroneal Tendons, Bilateral
					Tenotomy, Abductor, Left
					Tenotomy, Abductor, Right
					Tenotomy, Flexor Tendon, Second Toe-Fifth Toe, Left
					Tenotomy, Flexor Tendon, Second Toe-Fifth Toe, Right
					Tenotomy, Flexor Tendon, Third Toe, Left
Other Tenotomy; Other Tenotomy	83.13	83.13			Release, Tendon, Plantar, Bilateral
					Tenotomy, Hamstring, Medial, Bilateral
Other Tenotomy; Other Tenotomy; Other Cast Application	83.13	83.13	93.53		Release, Tendon, Hamstring, Bilateral with Cast Application
Other Tenotomy; Other Tenotomy; Tendon Trnsfr/Transplant; Tendon Trnsfr/Transplant	83.13	83.13	83.75	83.75	Release, Posterior Medial with Transfer, Posterior Tibial Tendon, Bilateral
Other Tenotomy; Soft Tissue Division Nec; Tendon Trnsfr/Transplant; Int Fixno Fx Reduct Nec	83.13	83.19	83.75	78.59	Release, Tendon and Soft Tissue, with Transfer and Internal Fixation, Foot, Left



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Other Therapeu Apheresis (Begin 1988)	99.79				Apheresis, Therapeutic, Peripheral Stem Cell
					Harvest, Autologous Peripheral Blood Stem Cells
Other Tibia/Fibula Incis	77.17				Derotation Osteotomy, Tibia, Left
					Derotation Osteotomy, Tibia, Right
					Exploration, Tibia, Left
					Incision and Drainage, Open Fracture, Tibia, Right
Other Tibia/Fibula Incis; Tibia & Fibula Biopsy	77.17	77.47			Exploration with Biopsy, Fibula, Distal, Left
Other Turp (Begin 1995)	60.29				Resection, Prostate, Transurethral
Other Unspec Hysterectomy (Begin 1992)	68.9				Hysterectomy
					Resection, Uterus, Right
Other Unspec Hysterectomy (Begin 1992); Vaginal Obliteration	68.9	70.4			Hysterectomy and Vaginectomy
Other Venous Cath (Nec) (Begin 1980)	38.93				Correction, Placement, Hickman Line, Right by Snare Procedure
					Insertion, Broviac Catheter
					Insertion, Broviac Catheter, Cephalic, Left
					Insertion, Broviac Catheter, Cephalic, Right
					Insertion, Broviac Catheter, External Jugular Vein , Right
					Insertion, Broviac Catheter, Left
					Insertion, Broviac Catheter, Right
					Insertion, Broviac Catheter, Single Lumen, Subclavian, Right
					Insertion, Broviac Catheter, Subclavian, Left
					Insertion, Catheter, Internal Jugular, Left
					Insertion, Catheter, Internal Jugular, Right
					Insertion, Central Venous Catheter, Triple Lumen
					Insertion, Central Venous Catheter, Triple Lumen, Subclavian, Right
					Insertion, Central Venous Line
					Insertion, Central Venous Line, Left
					Insertion, Central Venous Line, Right
					Insertion, Hickman Line, Cephalic, Left
					Insertion, Hickman Line, Cephalic, Right
					Insertion, Hickman Line, Double Lumen
					Insertion, Hickman Line, Double Lumen, Left
					Insertion, Hickman Line, Double Lumen, Right
					Insertion, Hickman Line, External Jugular Vein, Right
					Insertion, Hickman Line, Femoral, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Other Venous Cath (Nec) (Begin 1980)	38.93				Insertion, Hickman Line, Left
					Insertion, Hickman Line, Right
					Insertion, Hickman Line, Single Lumen
					Insertion, Hickman Line, Single Lumen, Subclavian, Left
					Insertion, Hickman Line, Subclavian, Left
					Insertion, Hickman Line, Subclavian, Right
					Insertion, Hickman Line, Temporary, Left
					Insertion, Hickman Line, Temporary, Right
					Insertion, PICC Line
					Insertion, Subclavian Venous Catheter, Left
					Insertion, Subclavian Venous Catheter, Right
					Insertion, Temporary, Subclavian Venous Catheter, Right
					Placement, Ash Split, Central Venous Catheter
					Placement, Attempted, Hickman Line, Subclavian, Right
					Placement, Broviac Catheter, Single Lumen, Cephalic, Right
					Placement, Femoral Line, Left
					Placement, Femoral Line, Temporary, Right
					Placement, Hickman Line, Double Lumen, Percutaneous, Subclavian, Left
					Placement, Hickman Line, Double Lumen, Percutaneous, Subclavian, Right
					Placement, Hickman Line, Internal Jugular, Right
					Placement, Hickman Line, Single Lumen, Percutaneous, Subclavian, Right
					Placement, Peripheral, Central Venous Catheter, Antecubital, Left
					Placement, Trifusion Catheter
					Placement, Venous Port, Percutaneous, Subclavian, Left
					Replacement, Hickman Line, Left
					Replacement, Hickman Line, Right
					Revision, Hickman Line, Double Lumen, Right
					Revision, Hickman Line, Left
					Revision, Hickman Line, Right
Other Venous Cath (Nec) (Begin 1980); Venous Cutdown	38.93	38.94			Insertion, Hickman Line, By Cutdown, Saphenous Vein
					Placement, Broviac Catheter with Venous Cutdown, Facial Vein, Right with Tunnel to Scalp

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Other Ventricular Shunt	02.39				Placement, Shunt, Subdural
					Placement, Shunt, Ventriculoatrial
					Placement, Shunt, Ventriculoatrial, Right
Other Ventricular Shunt; Other Ventricular Shunt	02.39	02.39			Placement, Shunt, Ventriculocisternal, Bilateral
Otoscopy	18.11				Endoscopic Evaluation, Tympanic Membrane, Left
Ovarian Aspirat Biopsy	65.11				CT Guided Percutaneous Needle Aspiration
Ovarian Biopsy Nec	65.12				Biopsy, Mass, Ovary, Right
					Biopsy, Ovary, Left
					Biopsy, Ovary, Right
Ovarian Biopsy Nec; Ovarian Biopsy Nec; Ovarian Wedge Resection	65.12	65.12	65.22		Biopsy, Wedge, Ovary, Bilateral
Ovarian Biopsy Nec; Ovarian Wedge Resection	65.12	65.22			Biopsy, Wedge, Ovary, Left
					Biopsy, Wedge, Ovary, Right
Ovarian Operation Nec	65.99				Ovarian Drilling
Ovarian Operation Nec; Fallopian Tube Op Nec; Artificial Insemination; Laparoscopy	65.99	66.99	69.92	54.21	Laparoscopy with Zygote Intrafallopian Transfer Procedure
Pancreat Sphincterotom	51.82				Sphincterotomy, Pancreatic
Pancreatic Anastomosis	52.96				Longitudinal Pancreaticojejunostomy (Puestow procedure), with Roux-en-Y Anastomosis
Parathyroid Biopsy	06.13				Biopsy, Parathyroid Gland, Left
Parathyroid Reimplant	06.95				Implantation, Parathyroid Tissue, Sternocleidomastoid Muscle, Left
					Implantation, Parathyroid Tissue, Sternocleidomastoid Muscle, Right
Part Adrenalectomy Nec	07.29				Adrenalectomy, Partial, Left
					Adrenalectomy, Partial, Right
Part Excision Of Thymus	07.81				Thymectomy, Partial
Part Facial Ostectom Nec	76.39				Excision, Inferior Orbit Medial Wall and Floor, Left
					Maxillectomy, Left
					Maxillectomy, Partial
					Maxillectomy, Right
					Maxillectomy, Subtotal, Right
					Maxillectomy, Total, Left
					Maxillotomy
					Reexcision, Medial Aspect of Maxilla, Right
					Removal, Malar Bone, Left
					Removal, Orbital Rim, Right
					Resection, Maxilla

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Part Lg Bowel Excis Nec	45.79				Colectomy
					Colectomy, Partial
					Hartmann's Procedure
					Resection, Colon, Right
					Resection, Descending Colon With End to End Anastomosis
					Resection, Large Bowel
Part Lg Bowel Excis Nec; Colostomy Nos	45.79	46.10			Resection, Colon with Colostomy
Part Lg Bowel Excis Nec; Part Sm Bowel Resect Nec	45.79	45.62			Excision, Necrotic, Bowel
Part Lg Bowel Excis Nec; Sm Bowelrect Stump Anas	45.79	45.92			Colectomy, Partial with Ileal/Rectal Anastomosis
Part Lg Bowel Excis Nec; Smalltolarge Bowel Nec	45.79	45.93			Resection, Segmental, Ileorectal Anastomosis
Part Ostectmetatar/Tar	77.88				Cheilectomy, Dorsal and Lateral Talus, Left
					Resection, Metatarsal Head, Second, Right
Part Ostectomyfemur	77.85				Resection, En Bloc, Femur, Distal
					Resection, En Bloc, Femur, Distal, Left
					Resection, En Bloc, Femur, Distal, Right
					Resection, En Bloc, Femur, Medial, Right
					Resection, En Bloc, Femur, Proximal, Left
					Resection, En Bloc, Femur, Proximal, Right
					Resection, En Bloc, Femur, Total, Right
					Resection, Femur, Proximal, Left
Part Ostectomyfemur; Other Myectomy	77.85	83.45			Resection, (Limb Sparing Surgery) Femoral Diaphysis and Posterior Hamstrings, Right
Part Ostectomyfemur; Total Knee Replacement (Begin 1989)	77.85	81.54			Resection, Femur, Distal, Right with Prosthetic Knee Replacement
Part Ostectradius/Ulna	77.83				Ostectomy, Partial, Distal Portion of Radial Diaphysis, Right
					Resection, En Bloc, Radius, Distal, Right
					Resection, En Bloc, Ulna, Left
Part Ostecttibia/Fibula	77.87				Excision, Fibula
					Excision, Partial (Limb Sparing), Fibula, Proximal, Right
					Ostectomy, Partial, Fibula, Distal, Left
					Osteotomy, Fibula, Left
					Resection, En Bloc, Fibula, Distal
					Resection, En Bloc, Fibula, Distal Two-Thirds, Left
					Resection, En Bloc, Fibula, Proximal
					Resection, En Bloc, Fibula, Proximal, Right

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Part Osteotibial/Fibula	77.87				Resection, En Bloc, Tibia/Fibula, Proximal, Left
					Resection, En Bloc, Tibia/Fibula, Proximal, Right
					Resection, En Bloc, Tumor, Tibia, Proximal, Left
					Resection, En Bloc, Tumor, Tibia, Right
					Resection, Fibula, Distal, Right
					Resection, Fibula, Proximal, Left
					Resection, Fibula, Proximal, Right
					Resection, Mass, Fibula
Part Osteotibial/Fibula; Excision Of Joint Nec	77.87	80.99			Resection, En Bloc, Fibula, Proximal and Tibiofibular Joint, Proximal, Left
					Resection, En Bloc, Fibula, Proximal and Tibiofibular Joint, Proximal, Right
Part Sm Bowel Resect Nec	45.62				Anastomosis, End to End, Ileocecal
					Anastomosis, End to End, Ileum
					Anastomosis, End to End, Ileum, Right
					Ileectomy, Right
					Resection, Distal Portion of Ileum
					Resection, Ileal Conduit
					Resection, Mass, Ileum
					Resection, Middle to Distal Ileum
					Resection, Partial, Jejunum, with Jejunojunctional Re-anastomosis
					Resection, Segmental, Small Intestine
					Resection, Small Bowel
					Resection, Terminal Ileum
Part Sm Bowel Resect Nec; Laparotomy Nec	45.62	54.19			Resection, Small Bowel by Laparotomy
Part Sm Bowel Resect Nec; Part Lg Bowel Excis Nec	45.62	45.79			Laparotomy, Exploratory with Resection, Bowel
Part Sm Bowel Resect Nec; Sigmoidectomy	45.62	45.76			Resection, Segmental, Distal Ileum and Sigmoid Colon
Part Sm Bowel Resect Nec; Simp Exc Lymph Struc Nec	45.62	40.29			Resection, Partial, Small Bowel with Mesenteric Lymph Nodes
Part Sm Bowel Resect Nec; Smtom Bowel Anstom	45.62	45.91			Resection of Jejunum with Jejunojunctional Re-anastomosis
					Resection, Segmental, Duodenum with Duodenojejunostomy

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Part Thyroidectomy Nec	06.39				Isthmectomy
					Lobectomy, Partial, Thyroid, Left
					Lobectomy, Partial, Thyroid, Right
					Thyroidectomy
					Thyroidectomy, Near Total
					Thyroidectomy, Subtotal
Partial Cystectomy	57.6				Cystectomy, Urinary
					Partial Cystectomy, Urinary
					Resection, Dome of Urinary Bladder
Partial Cystectomy; Bladder Reconstruction; Sm Bowel Segment Isolat	57.6	57.87	45.51		Cystectomy, Urinary, Subtotal with Ileocystoplasty
Partial Gastrectomy Nec	43.89				Antrectomy, Pyloric
					Excision, Perianastomotic Hypertrophic Fold, Stomach
					Gastrectomy
					Gastrectomy, Partial
					Gastrectomy, Vertical Sleeve
					Gastroduodenectomy
Partial Glossectomy	25.2				Glossectomy, Partial
Partial Glossectomy; Repair Of Tongue Nec	25.2	25.59			Glossectomy, Partial with Reconstruction
Partial Hepatectomy	50.22				Hepatectomy, Partial
					Hepatectomy, Partial, Right
					Resection, Lateral Segment, Lobe of Liver, Left
					Resection, Marginal, Liver
					Resection, Second Segment, Lobe of Liver, Left
					Resection, Wedge, Liver
					Resection, Wedge, Lobe of Liver, Left
					Resection, Wedge, Lobe of Liver, Right
					Trisegmentectomy, Hepatic
					Trisegmentectomy, Hepatic, Including Right Lobe, Medial Segment and Left Lobe by Laparotomy
					Trisegmentectomy, Hepatic, Left
					Trisegmentectomy, Hepatic, Right

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Partial Hip Replacement (Begin 1989)	81.52				Hemiarthroplasty, Femur, Proximal
					Hemiarthroplasty, Femur, Proximal, Right
					Hemiarthroplasty, Hip, Left
					Hemiarthroplasty, Resurfacing, Femoral Head, Left
					Hemiarthroplasty, Resurfacing, Femoral Head, Right
					Insertion, Custom Endoprosthesis, Femur, Distal, Left
					Insertion, Endoprosthesis, Femur, Left
					Insertion, Endoprosthesis, Femur, Right
					Insertion, Expandable Endoprosthesis, Femur, Left
					Insertion, Expandable Endoprosthesis, Femur, Right
					Insertion, Expandable Endoprosthesis, Femur, Distal, Left
					Replacement with Endoprosthesis, Femoral Head, Left
Partial Hip Replacement (Begin 1989); Partial Hip Replacement (Begin 1989); Total Knee Replacement (Begin 1989)	81.52	81.52	81.54		Insertion, Endoprosthesis, Femur, Hip and Knee, Right
Partial Humerectomy Nec	77.82				Resection, En Bloc, Humerus, Proximal
					Resection, En Bloc, Tumor, Humerus, Proximal, Left
					Resection, En Bloc, Tumor, Humerus, Proximal, Right
					Resection, Mass, Humerus, Posterior, Left
Partial Humerectomy Nec; Bone Graft To Humerus	77.82	78.02			Resection, En Bloc, Distal Humerus, Right with Placement of Intercalary Allograft
Partial Humerectomy Nec; Oth Chest Cage Ostectomy	77.82	77.81			Resection, En Bloc, Tumor, Humerus and Distal Scapula, Left
Partial Humerectomy Nec; Tot Hip Replace (W/Met) (Begin 1989)	77.82	81.51			Resection, En Bloc with Total Replacement, Humerus, Right
Partial Mandibulectomy	76.31				Hemimandibulectomy, Right
					Mandibular Coronoidectomy, Left
					Mandibular Coronoidectomy, Right
					Mandibulectomy, Partial
Partial Mandibulectomy; Bone Graft To Face Bone; Excise Tib/Fib For Graft	76.31	76.91	77.77		Hemimandibulectomy with Free Fibula Graft Reconstruction, Right
Partial Nephrectomy	55.4				Heminephrectomy, Left
					Nephrectomy, Partial, Left
					Nephrectomy, Partial, Right
					Resection, Wedge, Kidney, Left
					Resection, Wedge, Kidney, Right
Partial Nephrectomy; Partial Nephrectomy	55.4	55.4			Nephrectomies, Partial, Bilateral

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Partial Ostectomy Nec	77.89				Coccygectomy
					Coccygectomy, Presacral
					Excision, Partial, First Cervical Vertebra, Posterior Aspect
					Excision, Partial, Hyoid Bone
					Excision, Partial, Vertebral Body, T10-T11 Vertebra
					Excision, Posterior Arch, C1 Vertebra
					Facetectomy
					Facetectomy, L1-L2, Left
					Ostectomy, Medial Cuneiform Bone, Bilateral
					Osteotomies with Facetectomies, T6-T7 and T7-T8
					Partial Facetectomy, C3-C4
					Removal, Sesamoid Bone, Medial, Foot, Left
					Resection, Coccyx
					Resection, Ilium, Right
					Resection, Mass, L1 Vertebra
					Resection, Mass, Sacrum, Left
					Resection, Vertebra, S4, Anterior
					Vertebrectomy, Anterior, T1
					Vertebrectomy, Anterior, T11-L3
Partial Pancreatect Nec	52.59				Excision, Partial, Pancreas
Partial Pinealectomy	07.53				Resection, Mass, Pineal
Partial Pinealectomy; Other Craniotomy	07.53	01.24			Resection, Near Total, Mass, Pineal Region, by Suboccipital, Occipital Craniotomy
					Resection, Subtotal, Tumor, Pineal Region, by Craniotomy
Partial Salpingectom Nec	66.69				Salpingectomy, Partial
					Salpingectomy, Partial, Left
Partial Sialoadenectomy	26.31				Parotidectomy, Partial
Partial Splenectomy	41.43				Resection, Lower Pole, Spleen
					Splenectomy, Partial
Partial Ureterectomy	56.41				Fulguration, Ureter, Left
Partial Ureterectomy; Laparotomy Nec	56.41	54.19			Excision, Partial, Ureters, Bilateral by Laparotomy



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Patellar Stabilization	81.44				Realignment, Distal, Patella
					Realignment, Proximal, Patella
					Repair, Patella, Right
Pectus Deformity Repair	34.74				Repair, Pectus Carinatum
					Repair, Pectus Excavatum
Pedicle Attach To Mouth	27.57				Placement of Free Vascularized Latissimus Dorsi Flap with Closure of Intra-oral Wound
Pedicle Graft Advancemen	86.72				Advancement Flap Closure, Defect
					Advancement Flap closure, Defect, Temple, Right
					Advancement Flap(s) Closure, Mucoperiosteal
Pedicle Graft/Flap Nos	86.70				Fasciocutaneous Flap, Tibia, Left
					Repair with Advancement, Wound, Back
					Repair with Advancement, Wound, Scalp
Pedicle Graft/Flap Nos; Fat Grft Skin/Subq Tiss (Begin 2010)	86.70	86.87			Reconstruction with Flap and Dermal Fat Graft, Head and Neck, Right
Pedicle Graft/Flap Nos; Free Skin Graft Nec	86.70	86.69			Reconstruction, Popliteal Region, Left with Pedicle Flap Graft from Gastrocnemius Muscle and Split Thickness Skin Graft
Pedicle Graft/Flap Nos; Revis Enuc Socket W Grft	86.70	16.63			Graft, Flap, Orbital Socket, Left
Pelvic Evisceration	68.8				Exenteration, Pelvic
					Exenteration, Pelvic, Anterior, Female
					Exenteration, Pelvic, Female
Penile Biopsy	64.11				Biopsy, Foreskin of Penis
					Biopsy, Penis
Penile Repair Nec; Ot Female Genital Ops	64.49	71.9			Revision, Circumcision
Per Nerve Adhesiolys Nec	04.49				Decompression, Ulnar Nerve, Elbow
					Excision, Neurofibroma, Brachial Plexus, Right
					Release, Cubital Tunnel, Right
					Release, Radial Nerve, Left
Per Nerve Adhesiolys Nec; Dermal Regenerative Graft(Begin 1998); Fat Grft Skin/Subq Tiss (Begin 2010); Anesth Injec Periph Nerv	04.49	86.67	86.87	04.81	Neurolysis, Ilioinguinal Iliohypogastric Nerves, With Placement Acellular Dermal Matrix, Fat Graft and Nerve Block, Right
Per Nerve Adhesiolys Nec; Per Nerve Adhesiolys Nec	04.49	04.49			Release, Cubital Tunnel, Bilateral
Perc Abltn Liver Les/Tis (Begin 2006)	50.24				Radiofrequency Ablation, Percutaneous, Liver
Perc Angio Intracran Ves (Begin 2004); Perc Ins Intracran Stent (Begin 2004); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	00.62	00.65	00.45	00.40	Angioplasty and Stenting, Basilar Artery

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Percu Endosc Gastrostomy (Begin 1989)	43.11				Gastrostomy, Endoscopic, Percutaneous
					Placement, Mickey Button at Gastrostomy Tube Site
Percu Nephrostm W/O Frag (Begin 1986)	55.03				Insertion, Nephrostomy Tube, Percutaneous, Left
					Nephrostomy, Right, Percutaneous
Percu Nephrostm W/O Frag (Begin 1986); Form Cutan Ileoureterost	55.03	56.51			Placement, Nephrostomy Tube, Percutaneous with Ileal Conduit
Percu Nephrostm W/O Frag (Begin 1986); Percu Nephrostm W/O Frag (Begin 1986)	55.03	55.03			Insertion, Nephrostomy Tube, Percutaneous, Bilateral
Percut Tunica Aspiration	61.91				Aspiration, Hydrocele, Scrotum, Right
Percutaneous Cystostomy (Begin 1989)	57.17				Cystostomy, Suprapubic
					Placement, Catheter, Suprapubic Bladder
Perianal Excision Nec	49.04				Excision, Wide, Perianal Region
Pericardial Biopsy; Incision Of Chest Wall	37.24	34.01			Biopsy, Pericardium by Thoracotomy
Pericardial Biopsy; Pericardiotomy	37.24	37.12			Biopsy, Pericardium with Creation, Pericardial Window
Pericardial Biopsy; Transpleura Thoracoscopy	37.24	34.21			Biopsy, Pericardium, by Thoracoscopy
Pericardiectomy	37.31				Biopsy, Excisional, Pericardium
					Excision, Nodule, Pericardial
					Partial Pericardiectomy
					Pericardiectomy
					Resection, Residual Tumor, Pericardium, by Thoracotomy
					Stripping, Pericardial by Sternotomy, Median
					Stripping, Pericardium
Pericardiocentesis	37.0				Drainage, Pericardial Fluid
					Pericardiocentesis
					Pericardiocentesis with Drain Placement
Pericardiotomy	37.12				Creation, Pericardial Window
					Pericardial Window by Thoracotomy, Left
					Pericardiotomy with Drainage (Pericardiostomy)
Perineal Prostatectomy; Prostatectomy Nec	60.62	60.69			Debulking, Mass, Prostate
Periosteal Suture Nos (Begin 1991)	78.10				Placement, External Fixation
Periosteal Suturefemur (Begin 1991)	78.15				Application, External Fixator Device, Fracture, Femur, Right
Periph Nerv Anastom Nec	04.74				Anastomosis, Cranial Nerve XII to VII, Left
					Anastomosis, Cranial Nerve XII to VII, Right
					Anastomosis, Seventh Cranial Nerve

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Periph Nerv Excision Nec	04.07				Excision, Mass, Lingual Nerve, Right
					Excision, Multiple, Neurofibromas, Scalp
					Excision, Neurofibroma, Foot, Right
					Excision, Neurofibroma, Wrist, Left
					Excision, Plexiform Neurofibroma, Brachial Plexus, Right
					Microdissection, Peripheral Branch, Facial Nerve
					Release, Carpal Tunnel, Left
					Resection, Cranial Nerves IX, X, XI, XII
					Resection, Ilioinguinal Nerve, Left
					Resection, Interosseous Nerve, Hand
					Resection, Mass, Brachial Plexus, Right
					Resection, Optic Nerve and Tumor, Left
					Resection, Peroneal Nerve, Right
					Resection, Plexiform Neurofibroma, Distal Forearm, Left
					Resection, Radial Nerve
					Resection, Tumor, Peripheral Nerve, Thigh, Left
Periph Nerv Excision Nec; Incision Of Chest Wall; Chest Cage Bone Div Nec	04.07	34.01	77.31		Resection, En Bloc, Peripheral Nerve Sheath Tumor, Hemithorax, Left by Median Sternotomy and Posterolateral Thoracotomy
Periph Nerv Excision Nec; Periph Nerv Excision Nec	04.07	04.07			Resection, Tibial Nerve, Anterior and Peroneal Nerve, Distal, Left
Periph Nerv Excision Nec; Periph Nerve Incis Nec	04.07	04.04			Dissection, Facial Nerve, Left
Periph Nerve Incis Nec	04.04				Dissection, Facial Nerve, Right
					Exploration, Brachial Plexus, Left
					Fenestration, Optic Nerve, Eye, Left
Periph Nerve Transposit	04.6				Transposition, Ulnar Nerve, Subcutaneous, Right
Peripheral Nerve Graft	04.5				Cross Facial Nerve Graft
					Facial Reanimation with Nerve Graft
					Graft, Nerve, Arm, Left
					Microneurorrhaphy with Nerve Wrap
Perirectal Excision	48.82				Resection, Mass, Perirectal
Perirectal Incision	48.81				Drainage, Abscess, Pelvic
					Incision and Drainage, Abscess, Perirectal
Perirectal Tissue Biopsy	48.26				Biopsy, Abscess, Perirectal
					Biopsy, Mass, Perirectal

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Periren Adhesiolys Nec	59.02				Bladder Sling
					Lysis, Adhesions, Ureter, Left
					Ureterolysis, Bilateral
Periren Adhesiolys Nec; Cystoscopy Nec; Ureteral Catheterization; Retrograde Pyelogram	59.02	57.32	59.8	87.74	Ureterolysis, Bilateral with Cystoscopy and Retrograde Catheterization by Exploratory Laparotomy
Periren Adhesiolys Nec; Ureteroneocystostomy	59.02	56.74			Cystoureterolysis with Left Ureter Reimplantation by Psoas Hitch and Boari's Flap
Periren/Vesicle Excision	59.91				Excision, Perirenal Tissue
Peritoneal Adhesiolysis (End 1996)	54.5				Lysis, Adhesions, Pelvic
Peritoneal Biopsy	54.23				Biopsy, Open, Mass, Retroperitoneum
Peritoneal Incision	54.95				Evacuation, Hematoma, Peritoneum
					Revision, Shunt, Distal from Reservoir to Abdominal Catheter with a Medium-Pressure Pediatric PS Valve System, Right
					Revision, T-connector, Shunt, Peritoneum
Peritoneal Incision; Remov Peritoneal Drain	54.95	97.82			Excision, Multiple Implants, Peritoneal
					Removal, Dialysis Catheter, Peritoneum
Peritoneal Incision; Replace Ventricle Shunt	54.95	02.42			Revision, Shunt, Ventriculoatrial to Ventriculoperitoneal
Peritoneal Lavage (Begin 1993)	54.25				Irrigation, Peritoneal
					Lavage, Peritoneal
Pharyngeal Biopsy	29.12				Biopsy, Excisional, Mass, Nasopharynx
					Biopsy, Mass, Nasopharynx
					Biopsy, Mass, Nasopharynx, Left
					Biopsy, Mass, Oropharyngeal, Left
					Biopsy, Mass, Parapharyngeal Space, Right
					Biopsy, Mass, Pharynx
					Biopsy, Mass, Supraglottic, Left
					Biopsy, Nasopharynx
					Biopsy, Pharynx
Pharyngeal Biopsy; Pharyngoscopy	29.12	29.11			Nasopharyngoscopy with Biopsy, Mass, Nasal, Anterior
Pharyngeal Biopsy; Tonsil&adenoid Biopsy	29.12	28.11			Biopsy, Pharyngeal and Adenoids
Pharyngeal Repair Nec	29.59				Repair, Pharyngeal Flap
Pharyngoscopy	29.11				Endoscopic Examination, Nasopharynx and Oropharynx
					Inspection, Nasopharynx
					Nasopharyngoscopy

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Pineal Biopsy	07.17				Biopsy, Endoscopic, Mass, Pineal Region
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Canthus, Inferior, Left
Pineal Biopsy; Immobiliz/Wound Attn Nec	07.17	93.59			Biopsy, Stereotactic, Lesion, Pineal Region
Plastic Op On Pharynx	29.4				Pharyngoplasty
Plastic Rep Ext Ear Nec	18.79				Graft, Skin, Ear, Left
					Graft, Skin, Postauricular
					Graft, Skin, Split Thickness, Ear, Right
					Graft, Skin, Split Thickness, Postauricular Region, Left
					Otoplasty, Ear, Right
Plastic Rep Ext Ear Nec; Plastic Rep Ext Ear Nec	18.79	18.79			Otoplasty, Ear Lobes, Bilateral
					Otoplasty, External Ear, Bilateral
Pleural Biopsy	34.24				Biopsy, Diaphragmatic Pleura, Right
					Biopsy, Pleura
					Biopsy, Pleura, Left
					Biopsy, Pleura, Right
Postop Revis Per Nerv Op	04.75				Surgical Correction, Repeat, Fourth Cranial Nerve Palsy, Left
Postop Vas Reconstruct	63.82				Reversal, Vasectomy
Preauricular Sinus Excis	18.21				Excision, Benign Cyst, Preauricular, Right
					Excision, Cyst, Preauricular
					Excision, Cyst, Preauricular, Left
Procedureone Vessel (Begin 2005)	00.40				Endovenous Laser Treatment, Greater Saphenous Vein, Left
Propexy Nec	48.76				Repair, Prolapse, Ileocecal
Pros Repair Atria Defcl	35.52				Placement Amplatzer Occluder by Catheterization
Prostatectomy Nec	60.69				Prostatectomy
					Prostatectomy, Partial
Prosthet Dental Implant; Bone Graft To Face Bone	23.6	76.91			Dental Implant with Bone Graft
Protomy	48.0				Drainage, Transrectal, Abscess
Ptca Or Coronary Ather (Begin 2005); Bone Grafttibia/Fibula	00.66	78.07			Revision, Tibial Component of Knee Prosthesis with Allograft, Right
Pterygium Excision Nec	11.39				Removal, Pterygium, Eye, Right
Ptosis Repfron Mus Slng	08.32				Repair, Ptosis, Eyelid, Left by Frontalis Sling
					Repair, Ptosis, Eyelid, Right by Frontalis Sling
Ptosis Repfron Mus Slng; Muscle Or Fascia Graft	08.32	83.82			Repair, Ptosis, Eyelid and Nasolabial, Right by Frontalis Dynamic Sling

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Ptosis Replevat Mus Adv	08.33				Repair, Ptosis by Resection, Levator Muscle, Left
					Repair, Ptosis, by Resection of Levator Muscle, Right
Pull-Thru Res Rectum Nos (Begin 2008)	48.40				Anorectoplasty, Repair
Pulmon Art Wedge Monitor	89.64				Exchange, Pulmonary Artery Catheter
Pulsation Balloon Implan	37.61				Insertion, Intra-Aortic Balloon Pump
Punctum Repair Nec	09.72				Cauterization, Lacrimal Punctum, Eye, Left
					Cauterization, Puncta, Inferior, Eye, Right
					Closure, Lacrimal Punctum, Right
					Placement, Punctal Plug, Eye, Left
					Placement, Punctal Plug, Lower Eyelid, Right
					Placement, Punctal Plug, Upper Eyelid, Right
					Punctal Occlusion, Eye, Left
Punctum Repair Nec; Punctum Repair Nec	09.72	09.72			Placement, Punctal Plug, Eye, Bilateral
Puncture Of Lung	33.93				Aspiration, Lung
					Aspiration, Needle, Pulmonary Infiltrate, Upper Lobe of Lung, Right
					Aspiration, Pulmonary, Lung, Right
Pyeloscopy	55.22				Pyeloscopy, Left
Pyloromyotomy	43.3				Correction, Surgical, Pyloric Stenosis
					Pyloromyotomy
Quadricepsplasty	83.86				Repair, Rupture, Tendon of Quadriceps, Knee, Left
Rad Excis Ext Ear Les	18.31				Excision, Wide, Mass, Postauricular Region, Left
Rad Neck Dissection Nos	40.40				Dissection, Neck
					Dissection, Neck, Central
					Dissection, Radical, Neck
					Dissection, Selective, Neck (Levels II, III, and VI)
Rad Pancreaticoduodenect	52.7				Whipple Procedure
Radial Keratotomy (Begin 1989); Radial Keratotomy (Begin 1989)	11.75	11.75			Photorefractive Keratotomy, Bilateral
					Radial Keratotomy, Bilateral
Radical Cystectomy	57.71				Cystoprostatectomy
					Cystoprostatectomy, Radical
					Exenteration, Pelvic, Anterior, Male

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Radical Excis Skin Les	86.4				Excision, Lesion, Skin of Hand, Left
					Excision, Mass, Temple, Left
					Excision, Wide Local
					Excision, Wide Local, Axilla, Left
					Excision, Wide Local, Foot, Right
					Excision, Wide Local, Forearm
					Excision, Wide Local, Hand, Left
					Excision, Wide Local, Hand, Right
					Excision, Wide Local, Lesion, Calf, Right
					Excision, Wide Local, Lesion, Scalp
					Excision, Wide Local, Lesion, Skin, Thigh, Right
					Excision, Wide Local, Mass, Calf, Posterior, Right
					Excision, Wide Local, Mass, Foot
					Excision, Wide Local, Mass, Forearm, Left
					Excision, Wide Local, Melanoma, Back
					Excision, Wide Local, Melanoma, Leg
					Excision, Wide Local, Melanoma, Neck
					Excision, Wide Local, Melanoma, Shoulder
					Excision, Wide Local, Scar, Chest Wall, Left
					Excision, Wide Local, Skin Lesion, Lower Leg, Right
					Excision, Wide Local, Skin of Ankle, Right
					Excision, Wide Local, Thumb, Right
					Excision, Wide Local, Tumor Bed, Neck, Left
					Excision, Wide Local, Tumor, Abdominal Flank
					Excision, Wide Local, Tumor, Foot, Right
					Excision, Wide, Basal Cell Carcinoma, Abdomen
					Excision, Wide, Basal Cell Carcinoma, Shoulder, Right
					Excision, Wide, Basal Cell Carcinoma, Skin of Scalp, Left
					Excision, Wide, Basal Cell Carcinoma, Skin of Scalp, Right
					Excision, Wide, Dysplastic Nevus, Back
					Excision, Wide, Dysplastic Nevus, Chest, Anterior, Right
					Excision, Wide, Following Local Excision, Tumor
					Excision, Wide, Lesion, Back, Upper, Right
					Excision, Wide, Lesion, Skin of Groin, Left
					Excision, Wide, Lesion, Skin of Hip, Right

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Radical Excis Skin Les	86.4				Excision, Wide, Lesion, Skin of Shoulder Right
					Excision, Wide, Lesion, Skin of Upper Arm, Left
					Excision, Wide, Lesion, Upper Arm, Right
					Excision, Wide, Local, Previous Biopsy Mass, Axilla, Right
					Excision, Wide, Malignant Melanoma, Calf, Left
					Excision, Wide, Mass, Axilla, Left
					Excision, Wide, Mass, Buttock, Left
					Excision, Wide, Mass, Calf, Left
					Excision, Wide, Mass, Groin
					Excision, Wide, Mass, Inguinal Area, Right
					Excision, Wide, Mass, Paraspinal, Right
					Excision, Wide, Nevus, Foot, Left
					Excision, Wide, Nevus, Shoulder, Left
					Excision, Wide, Nevus, Shoulder, Right
					Excision, Wide, Nevus, Upper Back, Right
					Excision, Wide, Scar Tissue, Supraorbital, Right
					Excision, Wide, Scar, Popliteal Region, Left
					Excision, Wide, Scar, Thigh, Posterior, Distal, Left
					Excision, Wide, Skin Lesion, Ankle, Left
					Excision, Wide, Skin Lesion, Back, Lower
					Excision, Wide, Skin Lesion, Chest, Left
					Excision, Wide, Skin Lesion, Forehead, Left
					Excision, Wide, Skin Lesion, Forehead, Right
					Excision, Wide, Skin Lesion, Neck, Left
					Excision, Wide, Skin Lesion, Neck, Right
					Excision, Wide, Skin of Knee, Right
					Excision, Wide, Skin of Shoulder, Posterior, Left
					Excision, Wide, Skin of Temple Region, Right
					Excision, Wide, Skin of Temple, Left
					Excision, Wide, Skin, Knee, Left
					Excision, Wide, Soft Part, Popliteal Fossa
					Excision, Wide, Tumor, Buttock, Right
					Excision, Wide, Tumor, Scalp
					Excision, Wide, Tumor, Scalp, Right
					Re-excision, Wide, Tumor, Neck, Anterior



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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Radical Excis Skin Les	86.4				Re-excision, Wide, Tumor, Neck, Posterior
					Reduction, Scalp
					Reexcision, Wide, Dysplastic Nevus, Back
					Reexcision, Wide, Dysplastic Nevus, Buttock, Right
					Reexcision, Wide, Nevus, Buttock, Right
					Resection, Wide Local, Mass, Wrist, Left
					Resection, Wide, Lesion, Scalp, Left
					Resection, Wide, Mass, Axilla, Left
					Resection, Wide, Mass, Axilla, Right
Radical Excis Skin Les; Attach Pedicle Graft Nec	86.4	86.74			Excision, Scar, with Adjacent Tissue Rearrangement, Scalp
Radical Excis Skin Les; Destruct Mediastin Les	86.4	34.3			Excision, Mass, Neck and Mediastinum, Right
Radical Excis Skin Les; Exc Les Soft Tissue Nec	86.4	83.39			Excision, Wide Local, Liposarcoma, Thigh, Right
					Excision, Wide Local, Mass, Thigh
					Excision, Wide Local, Mass, Thigh, Right
					Excision, Wide, Lesion, Neck, Left
					Excision, Wide, Mass, Forearm, Left
					Excision, Wide, Mass, Lower Leg, Left
					Excision, Wide, Mass, Lower Leg, Right
					Excision, Wide, Mass, Neck, Posterior
					Excision, Wide, Mass, Thigh, Left
					Excision, Wide, Mass, Upper Arm, Right
					Excision, Wide, Tumor Bed, Thigh, Posterior Medial, Right
					Excision, Wide, Tumor in Previous Biopsy Site, Neck, Posterior, Right
					Excision, Wide, Tumor, Neck, Right
Radical Excis Skin Les; Exc Les Soft Tissue Nec; Excis Lesion Of Muscle	86.4	83.39	83.32		Excision, Wide Local, Mass, Arm, Upper, Left including Triceps
Radical Excis Skin Les; Exc Les Soft Tissue Nec; Radical Excis Skin Les	86.4	83.39	86.4		Excision, Wide, Tumor, Posterior Thigh/Buttock, Left
Radical Excis Skin Les; Other Local Destruc Skin	86.4	86.3			Excision, Wide, Local, Skin of Clavicular Region, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Radical Excis Skin Les; Pedicle Graft Advancemen	86.4	86.72			Excision with Advancement Flap Closure, Congenital Nevus, Calf, Posterior, Left
					Excision with Advancement Flap Closure, Defect, Scalp, Left
Radical Excis Skin Les; Pedicle Graft/Flap Nos	86.4	86.70			Excision, Wide, Nevus, Temporal Scalp, Right with Local Flap Repair
Radical Excis Skin Les; Radical Excis Skin Les	86.4	86.4			Excision, Wide, Basal Cell Carcinoma, Shoulder, Bilateral
Radical Excis Skin Les; Skin Repair & Plasty Nec	86.4	86.89			Excision with Complex Repair, Scar, Chest Wall Tract, Right
Radical Groin Dissection; Abdominal Wall Incision	40.54	54.0			Dissection, Superficial, with Exploration, Groin, Left
Radical Mastoidectomy	20.42				Tympanomastoidectomy
Radical Mastoidectomy; Excise Middle Ear Lesion	20.42	20.51			Tympanomastoidectomy, with Removal Cholesteatoma, Left
Radical Mastoidectomy; Myringotomy Nec	20.42	20.09			Tympanomastoidectomy, Left with Epitympanotomy, Posterior
Radical Mastoidectomy; Type 3 Tympanoplasty	20.42	19.53			Tympano-Mastoidectomy with Reconstruction, Ossicular, Left
Radical Maxillary Antrot	22.31				Antrostomies, Maxillary, Bilateral
Radical Prostatectomy; Simp Exc Lymph Struc Nec; Lap Robotic Assist Proc (Begin 2008)	60.5	40.29	17.42		Radical Prostatectomy with Pelvic Lymph Node(s) Dissection, Laparoscopic Robotic Assisted
Radioactive Elem Implant	92.27				Insertion, Afterloading Catheters, Ankle, Left
Radioactive Elem Implant; Isotope Inject/Instill	92.27	92.28			Brachytherapy, Interstitial
Radioactive Elem Implant; Orbitotomy Nec	92.27	16.09			Insertion, Radioactive Iodine (I-125), Orbit, Bilateral
					Insertion, Radioactive Iodine (I-125), Orbit, Left
Radioactive Elem Implant; Orbitotomy W Implant	92.27	16.02			Insertion, I-192 Radioactive Implant, Orbit, Right
Radioactive Elem Implant; Other Brain Incision	92.27	01.39			Insertion, Radium Implants, Brain
Radioactive Elem Implant; Other Eyelid Incision; Scleral Operation Nec	92.27	08.09	12.89		Insertion, Radioactive Iodine (I-125) Plaque, Eye, Left
					Insertion, Radioactive Iodine (I-125) Plaque, Eye, Right
Radioactive Elem Implant; Skin & Subq Incision Nec	92.27	86.09			Insertion, Afterloading Catheters, Buttock, Left
					Insertion, Afterloading Catheters, Forearm, Left
					Insertion, Radioactive Elements, Below Knee Stump, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Radius & Ulna Biopsy	77.43				Biopsy, Fine Needle Aspiration, Radius, Right
					Biopsy, Needle, Mass, Ulna, Left
					Biopsy, Needle, Radius, Proximal, Left
					Biopsy, Open, Ulna, Right
					Biopsy, Radius, Distal, Right
					Biopsy, Radius, Left
Rectal Resection Nec	48.69				Anastomosis, End to End, Rectosigmoid
					Rectosigmoidectomy
					Resection, Rectum
Rectal Resection Nec; Anal Anastomosis (Begin 1987)	48.69	45.95			Proctectomy with Ileoanal J-Pouch
Rectocele Repair	70.52				Repair, Rectocele
Reduction Facial Fx Nos	76.70				Open Reduction with Internal Fixation, Fracture, Facial
Reduction Genioplasty	76.67				Genioplasty, Reduction
Reduction Torsion Testes	63.52				Release, Surgical, Torsion of Testis, Left
					Release, Surgical, Torsion of Testis, Right
Reduction Torsion Testes; Reduction Torsion Testes	63.52	63.52			Release, Surgical, Torsion of Testis, Bilateral
Refusion Dorsal Spine Post T (Begin 2001); Fusion Or Refusion Of 9 Or M (Begin 2003)	81.35	81.64			Insertion, Segmental Instrumentation, with Revision Arthrodesis, Posterior Spine, T2-T11
Refusion Spine Nos (Begin 2001)	81.30				Repair, Pseudoarthrosis, Spine, Posterior
Regional Lymph Node Exc	40.3				Excision, Lymph Node(s), Regional
Rejected Kidney Nephrect	55.53				Nephrectomy, Transplanted Kidney
Relaxation Of Scar	86.84				Correction, Syndactyly
					Release, Contracture, Neck, Right
					Revision of scar (procedure)
					Revision, Hypertrophic Scar, Back, Right
					Revision, Hypertrophic Scar, Lower Extremity, Left
					Revision, Scar, Abdomen
					Revision, Scar, Broviac Line Exit Site
					Revision, Scar, Canthal Region, Lateral, Right
					Revision, Scar, Canthal Region, Left
					Revision, Scar, Chest Wall, Right
					Revision, Scar, Chest, Left
					Revision, Scar, Face, Left
					Revision, Scar, Forehead
					Revision, Scar, Forehead, Right

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Relaxation Of Scar	86.84				Revision, Scar, Hand, Left
					Revision, Scar, Hickman Site
					Revision, Scar, Shoulder, Left
					Revision, Scar, Shoulder, Right
					Revision, Scar, Subcutaneous Port Site
					Revision, Scar, Supraclavicular, Left
					Revision, Scar, Tracheostomy
					Z-plasty, Extensor Hallucis Longus, Great Toe, Right
Relaxation Of Scar; Fat Grft Skin/Subq Tiss (Begin 2010)	86.84	86.87			Release, Scar Tissue, Fat Graft, Face, Right
Relaxation Of Scar; Quadricepsplasty	86.84	83.86			Release, Scar Tissue by Quadricepsplasty, Leg, Left
Relaxation Of Scar; Relaxation Of Scar	86.84	86.84			Revision, Scars, Legs, Bilateral
					Z-plasty, Palms, Bilateral
Relaxation Of Scar; Remove Int Fix Face Bone; Fat Grft Skin/Subq Tiss (Begin 2010); Pedicle Graft/Flap Nos	86.84	76.97	86.87	86.70	Release, Scar Tissue, Removal, Hardware, and Fat Graft with Abbe Flap Graft, Face, Right
Rem Brst Tis Expan (Begin 1987)	85.96				Removal, Expander, Breast, Left
					Removal, Tissue Expander, Breast, Left
					Removal, Tissue Expander, Breast, Right
Rem Brst Tis Expan (Begin 1987); Bilateral Breast Implant	85.96	85.54			Removal, Tissue Expander with Insertion, Implant, Breast, Bilateral
Rem Brst Tis Expan (Begin 1987); Breast Implant Removal; Breast Implant Removal	85.96	85.94	85.94		Removal, Mammary Expander Implant with Capsulectomy, Bilateral
Rem Cathcranial Cavity (Begin 2005)	01.27				Removal, Afterloading Catheters, Frontal Lobe, Right
Remov Ant Segmnt Fb Nos; Remov Post Segmnt Fb Nos; Removal Superfic Fb Eye; Remove Penetrat Fb Eye	12.00	14.00	98.21	16.1	Removal, Foreign Body-BB Pellet, Eye, Left
Remov Biliary/Liver Tube	97.55				Removal, Stent, Bile Duct
					Removal, T-Tube, Common Bile Duct
Remov Cholecystost Tube; Cholecystotomy Nec	97.54	51.04			Removal, Drain, Gallbladder
Remov Ext Immobilization	97.88				Removal, Skeletal Traction
Remov Gastrostomy Tube; Gastrotomy	97.51	43.0			Removal, Gastrostomy Button
					Removal, Gastrostomy Tube
Remov Imp Devchest Cage	78.61				Removal, Plate, Clavicular, Left
Remov Imp Devicepatella	78.66				Removal, Elective, Internal Fixation Devices, Patella, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Remov Imp Devmetac/Carp	78.64				Removal, Pins, Hand, Left
					Removal, Pins, Hand, Right
					Removal, Pins, Wrist, Left
Remov Imp Devmetac/Carp; Remov Imp Devmetac/Carp	78.64	78.64			Removal, Pins, Wrists, Bilateral
Remov Imp Devradius/Uln	78.63				Removal, Allograft and Internal Fixation Hardware, Ulna, Left
					Removal, Fixation Devices, Forearm, Left
					Removal, Pins, Forearm, Right
Remov Imp Devtib/Fibula	78.67				Removal, Allograft and Internal Fixation Hardware, Tibia, Left
					Removal, Deep Hardware, Ankle
					Removal, Endoprosthesis, Leg, Left
					Removal, Infected Internal Fixation Hardware, Tibia, Left
					Removal, Internal Fixation Hardware, Tibia, Right
					Removal, Plate, Tibia, Right
					Removal, Surgical, Bone Screw, Tibia, Left
					Removal, Surgical, Bone Screw, Tibia, Right
					Removal, Titanium Syndesmosis Screws, Tibia and Fibula, Proximal and Distal, Left
Remov Imp Devtib/Fibula; Remov Imp Devtib/Fibula	78.67	78.67			Removal, Eight Plate, Tibia, Proximal, Bilateral
					Removal, Internal Fixation Hardware, Tibia, Bilateral
Remov Intracran Stimulat	01.22				Removal, Electrodes, Brain
Remov Intralum Nose Fb; Incision Of Nose	98.12	21.1			Removal, Foreign Body, Nostril, Left
Remov Other Genit Device	97.79				Removal, Afterloading Cylinder, Vagina
Remov Other Gi Device	97.59				Removal, Transgastrojejunostomy Tube
					Removal, Tube, Naso-gastric
Remov Pancreatic Tube	97.56				Removal, Stent, Pancreas
Remov Peritoneal Drain	97.82				Removal, Drain, Transrectal
					Removal, Shunt, Syringoperitoneal
Remov Pros Mat Post Seg	14.6				Removal, I-192 Radioactive Implant, Orbit, Right
					Removal, Radioactive Iodine (I-125) Plaque, Eye, Left
					Removal, Radioactive Iodine (I-125) Plaque, Eye, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Remov Pyelos/Nephros Tub	97.61				Removal, Nephrostomy Tube, Left
					Removal, Nephrostomy Tube, Right
					Removal, Stent, Kidney, Right
Remov Pyelos/Nephros Tub; Remov Pyelos/Nephros Tub	97.61	97.61			Removal, Nephrostomy Tube, Bilateral
Remov Small Bowel Tube	97.52				Removal, Jejunostomy Tube
Remov Therapeut Dev Nec	97.89				Removal, Afterloading Catheter and Cesium Source, Nasopharynx
					Removal, Afterloading Catheter, Thigh, Left
					Removal, Afterloading Catheters, Ankle, Left
					Removal, Afterloading Catheters, Calf, Left
					Removal, Afterloading Catheters, Calf, Posterior, Right
					Removal, Afterloading Catheters, Elbow, Left
					Removal, Afterloading Catheters, Foot, Left
					Removal, Afterloading Catheters, Hand, Left
					Removal, Afterloading Catheters, Hand, Right
					Removal, Afterloading Catheters, Hand/Wrist, Right
					Removal, Afterloading Catheters, Knee, Left
					Removal, Afterloading Catheters, Lower Leg, Right
					Removal, Afterloading Catheters, Popliteal Region, Left
					Removal, Afterloading Catheters, Thigh, Left
					Removal, Afterloading Catheters, Thigh, Posterior Distal, Left
					Removal, Afterloading Catheters, Thigh, Right
					Removal, Afterloading Catheters, Upper Arm, Left
					Removal, Afterloading Catheters, Upper Arm, Right
					Removal, Drain, Forearm, Left
					Removal, Drain, Spinal, L3
					Removal, Endoprosthesis
					Removal, Lumbar Subarachoid Drain
					Removal, Trifusion Catheter

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Remov Thor Ther Dev Nec	97.49				Removal, Afterloading Catheter, Chest Wall
					Removal, Afterloading Catheter, Scapula, Left
					Removal, Afterloading Catheters, Abdominal Wall
					Removal, Afterloading Catheters, Axilla, Left
					Removal, Broviac Catheter, Single Lumen, Subclavian, Right
					Removal, Drain, Pericardium
					Removal, Femoral Line, Left
					Removal, Femoral Line, Temporary, Right
Remov Thor Ther Dev Nec; Skin Incis & Fb Removal	97.49	86.05			Removal, Accidental, Broviac Catheter, Right
					Removal, Accidental, Hickman Line, Left
					Removal, Accidental, Hickman Line, Right
					Removal, Broviac Catheter
					Removal, Hickman Line, Cephalic, Left
Remov Thoracotomy Tube	97.41				Removal, Chest Tube, Right
Remov Thoracotomy Tube; Incision Of Mediastinum	97.41	34.1			Removal, Tube, Chest
Remov Thoracotomy Tube; Incision Of Mediastinum; Remov Thoracotomy Tube; Incision Of Mediastinum	97.41	34.1	97.41	34.1	Removal, Chest Tubes, Bilateral
Remov Trunk Device Nec	97.87				Removal, Afterloading Catheters, Buttock, Right
					Removal, Drain, Lumbar
Remov Ureteral Drain	97.62				Removal, Stent, Ureter, Left
					Removal, Stent, Ureter, Right
Remov Ureteral Drain; Remov Ureteral Drain	97.62	97.62			Removal, Stent, Ureter, Bilateral
Remov Ureteral Drain; Ureterotomy	97.62	56.2			Removal, Ureteral Catheter, Left
Remov Urethral Stent	97.65				Removal, Stent, Urethral
Removal Iud; Laparoscopy	97.71	54.21			Removal, Intra-abdominal Intrauterine Contraceptive Device (IUD), by Laparoscopy

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Removal Of Cement Spacer (Begin 2005)	84.57				Removal, Antibiotic Impregnated Cement Spacer, Femur, Distal, Right
					Removal, Antibiotic Impregnated Cement Spacer, Femur, Left
					Removal, Antibiotic Impregnated Cement Spacer, Knee, Left
					Removal, Antibiotic Impregnated Cement Spacer, Knee, Right
					Removal, Antibiotic Impregnated Cement Spacer, Tibia, Left
					Removal, Antibiotic Impregnated Cemented Spacer, Tibia, Right
					Removal, Spacer, Humerus, Right
Removal Of Fb Nos	98.20				Removal, Foreign Body, Fistula, Rectovaginal
Removal Superfic Fb Eye; Remov Ant Segmnt Fb Nos; Remov Post Segmnt Fb Nos	98.21	12.00	14.00		Removal, Foreign Body, Eye, Left
					Removal, Foreign Body, Eye, Right
Remove Both Fallop Tubes	66.51				Salpingectomy
					Salpingectomy, Bilateral
Remove Both Ovaries	65.51				Oophorectomy, Bilateral
Remove Both Testes	62.41				Orchiectomy, Left
Remove Both Testes; Insert Testicular Prosth	62.41	62.7			Orchiectomy, Bilateral with Insertion of Testicular Prosthesis
Remove Both Tubes & Ovar	65.61				Salpingo-oophorectomy, Bilateral
Remove Eyelid Lesion Nos	08.20				Biopsy, Excisional, Lesion, Eyelid, Lower, Left
					Curettage, Acute Hordeolum, Eyelid, Lower, Left
					Excision, Basal Cell Carcinoma, Eyebrow, Right
					Excision, Basal Cell Carcinoma, Eyelid, Right
					Excision, Basal Cell Carcinoma, Skin of Eyelid, Left
					Excision, Cystic Lesion, Upper Eyelid, Right
					Excision, Lesion, Eyebrow, Left
					Excision, Lesion, Eyelid, Right
					Excision, Lesions, Eyelid
					Excision, Pyogenic Granuloma, Lower Eyelid, Left
					Excision, Surgical, Sty, Near Eye, Right
					Excision, Tumor, Lateral Canthal Area, Eye, Left
					Excision, Wide Local, Melanoma, Eyebrow, Right
					Removal, Cyst, Eyelid, Left
Remove Eyelid Lesion Nos; Linear Rep Lid Lacer	08.20	08.81			Debridement with Repair, Laceration, Brow Area, Left



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Remove Head/Neck Dev Nec	97.39				Removal, Afterloading Catheter, Supraclavicular Chest Wall, Right
					Removal, Afterloading Catheter, Tongue
					Removal, Afterloading Catheters, Face, Left
					Removal, Afterloading Catheters, Neck, Posterior, Right
					Removal, Afterloading Catheters, Scalp
					Removal, Deep Implant, Forehead
					Removal, Stent, Ethmoid Sinus, Left
Remove Head/Neck Sutures	97.38				Removal, Retained Prolene Bone Sutures, Lateral Orbital Rim, Right
Remove Heart Assist Sys	37.64				Removal, Left Ventricular Assist Device
Remove Imp Device Nos	78.60				Removal, Deep Hardware
					Removal, External Distractor Hardware
Remove Imp Device Nos; Cranial Osteoplasty Nec	78.60	02.06			Removal, Hardware, Supraorbital, Left with Cranioplasty
Remove Imp Devicefemur	78.65				Removal, Blade Plate, Hip, Left
					Removal, Bone Pin, Femoral Epiphysis, Left
					Removal, Bone Pin, Femoral Epiphysis, Right
					Removal, Endoprosthesis, Femur, Left
					Removal, External Fixation Device, Femur
					Removal, External Fixation Device, Femur, Right
					Removal, Internal Fixation Hardware, Femur, Left
					Removal, Internal Fixation Hardware, Femur, Right
					Removal, Intramedullary Rod, Femur, Left
					Removal, Pins, Neck of Femur, Left
					Removal, Retained Prosthetic Hardware, Femur, Left
					Removal, Surgical, Bone Pin, Thigh, Right
					Removal, Surgical, Bone Screw, Femur, Left
					Removal, Surgical, Bone Screw, Femur, Right
Remove Imp Devicefemur; Internal Fixationfemur	78.65	78.55			Removal and Reinsertion, Intramedullary Recon Nail, Femur, Right
Remove Imp Devmetat/Tar	78.68				Removal, Pins, Foot, Right
					Removal, Plate and Screws, Foot, Left
					Removal, Surgical, Bone Screw, Foot, Right
Remove Impl Devhumerus	78.62				Removal, Endoprosthesis, Humerus, Left
					Removal, Hardware, Humerus, Right
Remove Impl Devhumerus; Skin Suture Nec	78.62	86.59			Removal, Rod, Humerus, Right with Primary Wound Closure

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Remove Impl Device Nec	78.69				Removal, Bone Pin, Arm, Left
					Removal, Bone Pin, Ilium, Left
					Removal, Deep Hardware, Cranium
					Removal, Hardware, Elbow, Left
					Removal, Hardware, Spine
					Removal, Harrington Rods, Cervical
					Removal, Internal Fixation Device, Spine
					Removal, Pins, Thumb, Left
					Removal, Posterior Segmental Instrumentation, T10-L3
					Removal, Rod, Inferior, Vertebral Column, Left
					Removal, Rod, Thoracic Vertebral Column
					Removal, Spinal Instrumentation, T11-L3 due to Left Anterior Thoracolumbar Exposure
					Removal, Stabilization Rod, Spine
Remove Impl Device Nec; Spinal Canal Explor Nec	78.69	03.09			Removal Harrington Rods with Laminotomy, C1-L3
Remove Int Fix Face Bone	76.97				Removal, Hardware, Lower Jaw
					Removal, Hardware, Upper Jaw
					Removal, Titanium Plate and Screws, Face, Right
Remove Int Fix Face Bone; Remove Dental Packing	76.97	97.34			Removal, Fixation Device and Packing, Maxilla
Remove Ocular Implant	16.71				Removal of Ocular Implant, Left
					Removal, Ocular Implant, Right
Remove Orbital Implant	16.72				Removal, Conformer, Orbit, Right
					Removal, Displaced Fragmented Hydroxyapatite Implant, Right
					Removal, Implant, Orbital, Left
					Removal, Implant, Orbital, Right
					Removal, Orbital Implant Peg and Sleeve, Left
					Removal, Orbital Implant Peg and Sleeve, Right
					Removal, Orbital Rim Implant, Infraorbital Rim, Left
					Removal, Surgical, Implant, Deep Orbital, Right
Remove Orbital Implant; Remove Orbital Implant	16.72	16.72			Removal, Radioactive Implants (I-125), Orbit, Bilateral
Remove Skull Tongs	02.95				Removal of Hardware and Halo, Skull and Cervical Spinal Column
					Removal, Halo
Remove Spinal Stimulator; Skin Incis & Fb Removal	03.94	86.05			Removal, Spinal Cord Stimulator

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Remove Spine Theca Shunt	03.98				Removal, Shunt, Intraspinial, Subarachnoid
					Removal, Shunt, Lumbar
					Removal, Shunt, Lumboperitoneal, Right
Remove Tracheostomy Tube	97.37				Decannulation, Tracheostomy
Remove Ventricle Shunt	02.43				Evacuation, Hematoma, Epidural, T11-L4 by Laminotomy
					Removal of External Ventricular Drain
					Removal of ventriculoperitoneal shunt
					Removal, External Ventriculostomy
					Removal, External Ventriculostomy, Right
					Removal, Ommaya Reservoir
					Removal, Ommaya Reservoir, Right
					Removal, Rickham Reservoir, Frontal, Left
					Removal, Rickham Reservoir, Suprasellar Region, Left
					Removal, Shunt, Infected, Ventriculoperitoneal, Temporal Horn, Left
					Removal, Shunt, Peritoneal, Subdural
					Removal, Shunt, Subdural
					Removal, Shunt, Ventricular
					Removal, Shunt, Ventriculoperitoneal
					Removal, Shunt, Ventriculoperitoneal, Left
					Removal, Shunt, Ventriculoperitoneal, Right
					Removal, Ventricular Catheter, Lateral, Right
					Removal, Ventriculoatrial Shunt, Right
					Removal, Ventriculoperitoneal Shunt, Frontal, Right
					Removal, Ventriculostomy, Frontal Lobe, Left
					Removal, Ventriculostomy, Occipital Horn, Right
					Removal, Ventriculostomy, Occipital, Right
					Removal, Ventriculostomy, Right
Remove Ventricle Shunt; Remove Ventricle Shunt	02.43	02.43			Removal, Shunt, Ventriculoperitoneal, Bilateral
					Removal, Ventriculostomy, Bilateral
Renal Decapsulation	55.91				Decortication, Partial, Kidney, Right
Reopen Craniotomy Site; Other Brain Excision	01.23	01.59			Re-Resection, Tumor, Hypothalamus by Craniotomy, Bifrontal
Reopen Recent Lap Site	54.12				Laparotomy, Second Look
Repair Indir Ing Hernia	53.02				Repair, Hernia, Indirect Inguinal, Right
Repair Of Claw Toe (Begin 1989)	77.57				Repair, Claw Toe

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Repair Of Cleft Lip	27.54				Repair, Cleft Lip
Repair Of Gastroschisis	54.71				Insertion, Silo Pouch, Small Bowel
					Reduction, Gastroschisis
					Repair, Gastroschisis
Repair Of Hammer Toe (Begin 1989); Repair Of Hammer Toe (Begin 1989)	77.56	77.56			Repair, Hammer Toe, Bilateral
Repair Of Hip Nec (Begin 1989)	81.40				Arthroplasty, Hip, Left
					Arthroplasty, Hip, Right
					Fixation, Surgical, Fracture, Hip, Right
					Interposition Arthroplasty, Proximal Femur
					Reduction, Flexor Contractures, Hip
					Repair, Hip, Left
Repair Of Hip Nec (Begin 1989); Hip Arthroscopy	81.40	80.25			Repair, Hip, Right by Arthroscopy
Repair Of Hip Nec (Begin 1989); Repair Of Hip Nec (Begin 1989)	81.40	81.40			Arthroplasty, Hip, Bilateral
Repair Of Intestine Nec	46.79				Closure, Sigmoid Colotomy
					Correction, Surgical, Obstruction, Colon
					Repair, Atresia, Duodenum
					Repair, Injury, Serosal, Rectosigmoid
					Repair, Perforation, Small Intestine
Repair Of Intestine Nec; Suture Gastric Lacerat; Gastric Repair Nec; Exploratory Laparotomy	46.79	44.61	44.69	54.11	Repair, Defect and Perforation, Gastric and Colon by Exploratory Laparotomy
Repair Of Ovary Nec	65.79				Oophoropexy
					Oophoropexy, Left
					Oophoropexy, Right
Repair Of Ovary Nec; Repair Of Ovary Nec	65.79	65.79			Oophoropexy, Bilateral
Repair Of Rectum Nec	48.79				Repair, Tear, Rectal
Repair Of Tongue Nec	25.59				Frenoplasty
Repair Of Tongue Nec; Mouth Repair Nec	25.59	27.59			Reduction, Tongue with Upper Gingival Reconstruction
Repair Of Ureter Nec	56.89				Repair, Ureter, Left
Repair Of Ureter Nec; Repair Of Ureter Nec	56.89	56.89			Repair, Ureter, Bilateral

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Repair Of Vessel Nec	39.59				Repair by Vascular Clip, Internal Carotid Artery, Left
					Repair, Carotid Artery, Right
					Repair, Femoral Artery, Right
					Repair, Inferior Vena Cava
					Repair, Injury, Poplietal Artery
					Repair, Internal Carotid Artery, Left
					Revascularization by Dual Inversion, Middle Cerebral Artery, Left
Repair Of Vessel Nec; Procedureone Vessel (Begin 2005)	39.59	00.40			Repair, Inferior Mesenteric Artery, Right
Repair Rectovag Fistula	70.73				Repair, Attempted, Fistula, Rectovaginal
					Repair, Fistula, Rectovaginal
Repair Rectovag Fistula; Muscle Or Fascia Graft	70.73	83.82			Reconstruction with Pedicle Flap from Gracilis Muscle, Left, Fistula, Rectovaginal
Repair Retina Detach Nec	14.59				Repair, Retinal Detachment, Eye, Left
					Repair, Retinal Detachment, Eye, Right
					Repair, Surgical, Traumatic Retinal Detachment, Right
Repair Vess W Patch Nos	39.58				Graft, Patch, Femoral Artery, Left
Repl Joint Of Foot Toe (Begin 1989)	81.57				Reconstruction, Foot, Left
					Reconstruction, Foot, Right
Repl Joint Of Foot Toe (Begin 1989); Repl Joint Of Foot Toe (Begin 1989)	81.57	81.57			Implant, Foot, Bilateral
Replace Aortic Valve Nec	35.22				Replacement, Aortic Valve
					Replacement, Aortic Valve with Mechanical Prosthetic Device
					Replacement, Ascending Aorta
Replace Gastrostomy Tube	97.02				Replacement, Gastrostomy Tube
Replace Gastrostomy Tube; Enterostomy Nec	97.02	46.39			Replacement, Transgastrojejunostomy Tube
Replace Heart Valve Nos	35.20				Replacement, Heart Valves
Replace Mitral Valve Nec	35.24				Replacement, Mitral Valve
Replace Nephrostomy Tube	55.93				Replacement, Hip, Total, Left with Custom Total Hip Arthroplasty
					Replacement, Hip, Total, Right with Custom Total Hip Arthroplasty
					Replacement, Hip, Total, Right with Custom Total Hip Prosthesis using Bipolar Hemiarthroplasty
					Replacement, Nephrostomy Tube, Left
					Replacement, Nephrostomy Tube, Right

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Replace Pulmon Valve Nec	35.26				Repair, Stenosis, Pulmonary Supravalve with Gortex Patch
					Replacement, Pulmonary Valve
Replace Tricuspid Valv Nec	35.28				Replacement, Tricuspid Valve
Replace Ventricle Shunt	02.42				Lengthening, Shunt, Ventriculo-atrial
					Removal, Ventriculostomy, Left
					Replacement, Shunt, Ventriculoperitoneal, Frontal, Left and Subdural, Right
					Revision, Catheter, Ommaya Reservoir
					Revision, Elective, Shunt, Ventriculoperitoneal
					Revision, Ommaya Reservoir by Frameless Stereotactic Guidance
					Revision, Shunt
					Revision, Shunt Catheter, Fourth Ventricle
					Revision, Shunt with On/Off Valve, Ventriculoperitoneal, Left
					Revision, Shunt with Programmable Valve, Ventriculoperitoneal
					Revision, Shunt with Programmable Valve, Ventriculoperitoneal, Right
					Revision, Shunt, Ventriculo-Atrial
					Revision, Shunt, Ventriculoatrial, Distal
					Revision, Shunt, Ventriculoperitoneal, Parietal, Right
Replace Ventricle Shunt; Peritoneal Incision	02.42	54.95			Revision, Shunt, Subdural, Peritoneal, Left
					Revision, Shunt, Ventriculoperitoneal
					Revision, Shunt, Ventriculoperitoneal, Bilateral
					Revision, Shunt, Ventriculoperitoneal, Distal
					Revision, Shunt, Ventriculoperitoneal, Left
					Revision, Shunt, Ventriculoperitoneal, Right
					Revision, Shunt, Ventriculoperitoneal, Distal with Insertion of a PS Median Pressure Valve
Resurf Hipart-Fem Head (Begin 2006); Insert 1 Vascular Stent (Begin 2005); Procedureone Vessel (Begin 2005)	00.86	00.45	00.40		Angioplasty and Stenting, Coronary Artery, Right
Resurf Hip total-Acet/Fem (Begin 2006); Resurf Hipart-Fem Head (Begin 2006)	00.85	00.86			Resurfacing, Hip Joint, Left
Retinal Tear Repair Nec	14.39				Repair, Retinal Tear, Eye, Right
Retrolubar Injection; Inject Steroid	16.91	99.23			Injection, Kenalog 40, Subcapsule of Tenon, Bilateral

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Retrobulbar Injection; Inject/Infuse Nec	16.91	99.29			Injection, Saline, Implant Expander, Orbit, Right
					Intravitreal Injection, Eye, Left
Retrograde Pyelogram	87.74				Endoscopic Retrograde Pyelogram
					Pyelogram, Retrograde, Abbreviated
					Pyelogram, Retrograde, Bilateral
					Pyelogram, Retrograde, Left
					Ureteropyelogram, Retrograde, Right
Retrograde Pyelogram; Cystoscopy Nec	87.74	57.32			Cystoscopy, Retrograde
Rev Hip Replacetab Comp (Begin 2005); Partial Hip Replacement (Begin 1989)	00.71	81.52			Revision, Arthroplasty, Hip, Right with Replacement of Acetabular Socket Only
Rev Hip Replacetab/Fem (Begin 2005)	00.70				Conversion, Hemiarthroplasty, Femur, Proximal, Left to Total Hip Replacement
					Conversion, Hemiarthroplasty, Femur, Proximal, Right to Total Hip Replacement
Rev Hip Replacetab/Fem (Begin 2005); Loc Exc Bone Les Femur; Bone Graft To Femur	00.70	77.65	78.05		Revision, Modular, Total Hip Arthroplasty with Curettage and Grafting, Lesion, Femur, Proximal, Left
Rev Hip Replacetab/Fem (Begin 2005); Tot Hip Replace (W/Met) (Begin 1989)	00.70	81.51			Revision, Arthroplasty, Total Hip, Right
Rev Hip Replfem Comp (Begin 2005)	00.72				Replacement, Prosthesis due to Fracture of Femoral Component, Right
					Revision, Endoprosthesis, Femur, Left
					Revision, Endoprosthesis, Femur, Right
					Revision, Femoral Component, Expandable Endoprosthesis, Left
Rev Hip Replfem Comp (Begin 2005); Rev Knee Replfemur Comp (Begin 2005)	00.72	00.82			Revision, Femoral Component, Expandable Endoprosthesis, Right
					Revision, Femoral Prosthesis to Allograft Prosthetic Composite, Right
Rev Hip Replfem Comp (Begin 2005); Revise Hip Replacement (Begin 1989); Revise Knee Replacement (Begin 1989)	00.72	81.53	81.55		Revision, Endoprosthesis, Femur, Hip and Knee, Right
Rev Knee Replfemur Comp (Begin 2005)	00.82				Replacement, Femoral Component, Knee Prosthesis, Left
					Revision, Femoral Component Knee Prosthesis, Left
					Revision, Femoral Component, Knee Prosthesis, Right

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Rev Knee Repl Tibia Comp (Begin 2005)	00.81				Aspiration, Seromatous Fluid, Craniotomy Flap, Left
					Replacement, Tibial Component, Knee Prosthesis, Left
					Revision, Tibial Component Knee Prosthesis, Left
					Revision, Tibial Component Knee Prosthesis, Right
					Revision, Tibial Component Knee Prosthesis, Right with Expandable Endoprosthesis
					Revision, Total Knee Arthroplasty, Tibial Components, Left
Rev Knee Repl Tibia Comp (Begin 2005); Bone Graft Tibia/Fibula	00.81	78.07			Revision, Tibial Component of Knee Prosthesis with Allograft, Left
Rev Of Joint Replace Of Lowe (Begin 1989)	81.59				Revision, Endoprosthesis, Leg, Left
Revis Bile Tract Anastom	51.94				Revision, Hepaticojejunostomy
Revis Cutan Ileoureteros	56.52				Revision, Ileal Conduit
Revis Extraoc Musc Surg	15.6				Re-recession, Medial Rectus, Eye, Left
Revis Or Relocate Pocket (Begin 1987)	37.79				Insertion, LOOP Recorder (Implantable Arrhythmia Detection Device)
					Reposition, LOOP Recorder
					Revision, Pocket, Pacemaker
Revis Up Extr Jnt Repl (Begin 1992)	81.97				Release, Trigger Finger
					Revision, Endoprosthesis, Humerus, Left
Revis/Reinsert Ocul Imp	16.62				Repair, Exposure, Implant, Eye, Left
					Repair, Exposure, Implant, Eye, Right
					Replacement, Ocular Implant, Left
					Revision, Prosthesis, Eye, Left
					Revision, Prosthesis, Eye, Right
Revise Cystostomy (Begin 1989)	57.22				Revision, Vesicostomy
Revise Disc Prost Thora (Begin 2004)	84.67				Replacement, Lamina, T3 to T6
Revise Disc Prosth Nos (Begin 2004)	84.69				Replacement Laminoplasty, T11 to L1
Revise Hip Replacement (Begin 1989)	81.53				Replacement, Endoprosthesis
Revise Hip Replacement (Begin 1989); Repair Of Hip Nec (Begin 1989)	81.53	81.40			Revision, Arthroplasty, Hip, Left
Revise Knee Replacement (Begin 1989)	81.55				Replacement, Modular Knee Endoprosthesis, Left
					Revision, Prosthesis, Knee, Left
					Revision, Prosthesis, Knee, Right
Revise Lg Bowel Anastom	46.94				Revision, Colorectal Anastomosis
Revise Lg Bowel Anastom; Muscle Or Fascia Graft	46.94	83.82			Revision, Colorectal Anastomosis with Right Rectus Abdominis Muscle Interposition Flap
Revise Or Remove Pacemak (Begin 1987)	37.89				Removal, Cardiac Pacemaker
Revision Gastric Anastom	44.5				Revision, Gastrojejunostomy



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Revision Of Lead (Begin 1987); Revis Or Relocate Pocket (Begin 1987)	37.75	37.79			Revision, Automated Cardiac Defibrillator
Revision Of Pedicle Graft	86.75				Debridement and Irrigation, Skin Flap, Muscle, Bone
					Revision, Flap, Forequarter Amputation Site, Right
					Revision, Skin Graft, Thigh, Right
					Revision, Vascularized, Muscle Transfer
Revision Of Pedicle Graft; Insert Tissue Expander (Begin 1987)	86.75	86.93			Revision, Skin Graft, Scalp, with Placement of Tissue Expanders
Revision Rhinoplasty	21.84				Rhinoplasty With Major Septal Repair
Rhinoplasty Nec	21.87				Alar Base Nose Reduction
					Reconstructive Surgery, Nasal Region, Left
					Rhinoplasty
Rhinoscopy	21.21				Endoscopy, Nasal
Rhinoscopy; Pedicle Graft/Flap Nos	21.21	86.70			Exploration, Transnasal Endoscopic, Skull Base Defect with Repair by Vascularized Mucosal Flap
Rhinoscopy; Pharyngoscopy	21.21	29.11			Inspection, Nasal Cavity and Nasopharynx
Right Hemicolectomy	45.73				Anastomosis, End to End, Ileum to Transverse Colon
					Colectomy, Right
Right Hemicolectomy; Ileostomy Nos	45.73	46.20			Ileoectomy with Ileostomy
Right Hemicolectomy; Lap Right Hemicolectomy (Begin 2008)	45.73	17.33			Hemicolectomy, Right
Right Hemicolectomy; Smalltolarge Bowel Nec	45.73	45.93			Colectomy, Right with Side to Side Anastomosis, Ileum to Transverse Colon
Root Canal Nos	23.70				Pulpectomy
					Pulpotomy
					Root Canal
Rotator Cuff Repair	83.63				Repair, Rotator Cuff, Shoulder
					Repair, Tendon, Shoulder, Right
Rt Heart Cardiac Cath	37.21				Catheterization, Cardiac
					Insertion, Drain, Pericardium
Rt Heart Cardiac Cath; Cardiac Biopsy	37.21	37.25			Catherization, Cardiac, with Biopsy, Endocardium
					Catherization, Cardiac, with Biopsy, Endomyocardium
Rt/Left Heart Card Cath; Chest Xray Nec	37.23	87.49			Catheterization with Cineradiography, Heart, Right and Left

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Saliv Lesion Excis Nec	26.29				Excision, Subtotal, Mass, Parotid Gland
					Excision, Tumor, Parotid Gland
					Excision, Tumor, Parotid Gland, Right
					Reexcision, Mass, Parotid Gland, Right
					Removal, Cyst, Sublingual
Saliv Lesion Excis Nec; Excision Of Lip Les Nec	26.29	27.43			Excision, Cyst, Salivary Gland, Lip, Lower, Right
Salivary Repair Nec	26.49				Correction, Surgical, Sialorrhea
Scarification Of Pleura; Transpleura Thoracoscopy	34.6	34.21			Pleurodesis, Left by Thoracotomy, Left
Scleral Buckling Nec	14.49				Buckling, Scleral with Encircling Band, Left
					Buckling, Scleral with Vitrectomy, Left
					Buckling, Scleral with Vitrectomy, Right
					Buckling, Segmental Scleral, Eye, Right
Scleral Operation Nec	12.89				Cutdown, Scleral, Left
Scrotal Les Destruction	61.3				Excision, Mass, Scrotum
					Excision, Mass, Scrotum, Right
					Excision, Residual Mass, Scrotum, Right
					Excision, Wide Local, Skin of Scrotum
					Hemiscroterectomy, Left
					Hemiscroterectomy, Right
					Mohs Micrographic Surgery, Skin of Scrotum, Left
Scrotum & Tunica Biopsy	61.11				Biopsy, Basal Cell Carcinoma, Skin of Scrotum
					Biopsy, Mass, Scrotum, Left
					Biopsy, Mass, Scrotum, Right
					Biopsy, Skin of Scrotum
Scrotum & Tunica I & D	61.0				Exploration Scrotum, Right
					Exploration, Scrotum
					Exploration, Scrotum, Left
					Incision and Drainage, Abscess, Scrotum
					Removal, Hematoma, Scrotum, Left
Seg Osteoplasty Maxilla	76.65				Osteoplasty, Maxillary Sinus
					Osteotomy, Maxillary, Total
Seg Osteoplasty Maxilla; Bone Graft To Face Bone; Pedicle Graft/Flap Nos	76.65	76.91	86.70		Reconstruction with Flap Graft and Bone Graft, Face, Maxillary Region, Right
Seg Osteoplasty Maxilla; CI Reduct Maxillary Fx; Dental Wiring	76.65	76.73	93.55		Osteotomies, Maxillary, Multiple with Bone Plate Stabilization

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Septoplasty Nec	21.88				Repair, Deviated Nasal Septum
					Repair, Perforation, Nasal Septum (Button)
					Septoplasty, Left
					Septoplasty, Nasal
Septoplasty Nec; Intranas Les Destruction	21.88	21.31			Excision, Radical, Tumor and Nasal Septum
Shoulder Arthroplast Nec	81.83				Arthroplasty, Shoulder, Left
					Arthroplasty, Shoulder, Right
					Decompression, Subacromial, Shoulder, Left
					Fixation, Surgical, Fracture, Shoulder, Left
					Repair, Labrum of Shoulder Joint, Left
					Repair, Labrum of Shoulder Joint, Right
					Repair, Ligament, Shoulder, Left
					Repair, Ligament, Shoulder, Right
					Resurfacing, Shoulder Joint, Left
					Resurfacing, Shoulder Joint, Right
Shoulder Arthroplast Nec; Shoulder Arthroplast Nec	81.83	81.83			Arthroplasty, Shoulder, Bilateral
Shoulder Arthroplast Nec; Shoulder Arthroscopy	81.83	80.21			Arthroscopic Repair, Glenoid Labral Tear, Shoulder, Right
Shoulder Arthroscopy	80.21				Arthroscopy, Shoulder, Left
					Arthroscopy, Shoulder, Right
Shoulder Arthroscopy; Destrucshoulder Les Nec; Shoulder Arthroplast Nec	80.21	80.81	81.83		Arthroscopy with Debridement and Decompression, Shoulder, Right
Shoulder Disarticulation	84.08				Disarticulation, Scapulohumeral, Left
Shoulder Joint Biopsy	80.31				Aspiration, Needle, Mass, Shoulder
Shoulder Synovectomy	80.71				Synovectomy, Shoulder, Right
Sialoadenectomy Nos	26.30				Excision, Parotid Gland
					Excision, Salivary Gland
					Excision, Sublingual Salivary Gland
					Excision, Submandibular Gland, Left
					Excision, Submandibular Gland, Right
					Excision, Submaxillary Gland, Right
					Parotidectomy
					Parotidectomy, Left
					Parotidectomy, Right
					Parotidectomy, Superficial, Left
					Parotidectomy, Superficial, Right
					Revision, Parotidectomy, Left

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Sigmoidectomy	45.76				Anastomosis, End to End, Sigmoid Colon
					Colectomy, Sigmoid by Laparotomy
					Resection, Anterior Colon with Mobilization, Splenic Flexure and Pelvic Anastomosis
					Resection, Partial, Sigmoid Colon
					Sigmoidectomy
Sigmoidectomy; Colostomy Nos	45.76	46.10			Resection, Sigmoid Colon with Colostomy
Simp Exc Lymph Struc Nec	40.29				Biopsy, Excisional, Jugulodigastric Node, Right
					Biopsy, Excisional, Parotid Lymph Node, Left
					Biopsy, Excisional, Parotid Lymph Node, Right
					Biopsy, Excisional, Perirenal Lymph Node, Right
					Biopsy, Excisional, Sentinel Iliac Lymph Node
					Biopsy, Excisional, Sentinel Lymph Node, Neck, Left
					Biopsy, Excisional, Sentinel Lymph Node, Popliteal, Left
					Biopsy, Excisional, Submandibular Lymph Node, Right
					Dissection, Anterior Cervical Lymph Node(s), Left
					Dissection, Common Iliac Lymph Nodes, Left
					Dissection, External Iliac Lymph Nodes, Left
					Dissection, Iliac Internal and External Lymph Node
					Dissection, Lymph Node
					Dissection, Mediastinal Lymph Node
					Dissection, Modified, Retroperitoneal Lymph Node
					Dissection, Modified, Retroperitoneal Lymph Node, Left
					Dissection, Modified, Retroperitoneal Lymph Node, Right
					Dissection, Paraaortic Lymph Node
					Dissection, Paraaortic Lymph Nodes, Left
					Dissection, Paraaortic Lymph Node, Right
					Dissection, Renal Lymph Node
					Dissection, Retroperitoneal Lymph Node
					Dissection, Retroperitoneal Lymph Node, Left
					Dissection, Supraclavicular Lymph Node
					Dissection, Suprahyoid Lymph Node
					Excision, Pericolic Lymph Node(s)
					Excision, Abdominal Lymph Node
					Excision, Aortocaval Lymph Node
					Excision, Brachial Lymph Node, Right

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Simp Exc Lymph Struc Nec	40.29				Excision, Calcified Lymph Nodes from the area of Renal Artery, Bilateral
					Excision, Celiac Lymph Node
					Excision, Common Iliac Lymph Node
					Excision, Delphian Lymph Node
					Excision, External Iliac Lymph Node
					Excision, Femoral Lymph Node
					Excision, Hilar Lymph Node, Left
					Excision, Hilar Lymph Node, Right
					Excision, Iliac Lymph Node
					Excision, Infrarenal Lymph Node
					Excision, Lymph Node
					Excision, Lymph Node of Neck, Left
					Excision, Lymph Node of Neck, Right
					Excision, Lymph Node, Peribronchial, Left
					Excision, Lymph Node, Pericardial
					Excision, Lymph Node, Pericaval, Right
					Excision, Lymph Node, Prelaryngeal
					Excision, Lymph Node, Sigmoid Mesocolon
					Excision, Lymph Nodes, Hilar
					Excision, Lymph Nodes, Multiple
					Excision, Lymph node, Pretracheal
					Excision, Mandibular Lymph Node, Left
					Excision, Mass, Paraortic, Left by Laparotomy
					Excision, Mass, Shoulder
					Excision, Mesenteric Lymph Node
					Excision, Obturator Lymph Node
					Excision, Para Caval Lymph Node
					Excision, Paraaortic Lymph Node
					Excision, Paraaortic Lymph Node(s), Right
					Excision, Paravertebral Lymph Node
					Excision, Pectoral Lymph Node, Right
					Excision, Pelvic Lymph Node(s)
					Excision, Periaortic Lymph Node
					Excision, Peripancreatic Lymph Node(s)

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Simp Exc Lymph Struc Nec	40.29				Excision, Popliteal Lymph Node
					Excision, Popliteal Lymph Node, Left
					Excision, Portal Lymph Node
					Excision, Preauricular Lymph Node
					Excision, Preauricular Lymph Node, Left
					Excision, Pulmonary Lymph Node
					Excision, Renal Lymph Node
					Excision, Retro Caval Lymph Node
					Excision, Retroauricular Lymph Node
					Excision, Retroperitoneal Lymph Node
					Excision, Splenic Lymph Node
					Excision, Subclavicular Lymph Node, Left
					Excision, Submandibular Lymph Node
					Excision, Supraclavicular Lymph Node, Left
					Excision, Suprarenal Lymph Node(s), Right
					Excision, Suprarenal Lymph Node, Left
					Resection, Cystic Hygroma, Neck
					Resection, Lymph Node
					Resection, Mediastinal Lymph Node
					Resection, Periportal Lymph Node
					Resection, Popliteal Lymph Nodes, Left
Simp Exc Lymph Struc Nec; Incision Of Chest Wall	40.29	34.01			Excision, Multiple Lung Lymph Nodes, Thoracotomy, Right
Simp Exc Lymph Struc Nec; Simp Exc Lymph Struc Nec	40.29	40.29			Dissection, Pelvic Lymph Node(s), Bilateral
					Dissection, Retroperitoneal and Pelvic Lymph Nodes by Laparotomy
					Dissection, Suprahyoid Lymph Node, Bilateral
					Excision, Paraspinal Lymph Node(s), Bilateral
					Excision, Renal Hilar Lymph Node(s), Bilateral
					Lymphadenectomy, Pelvic, Bilateral
Simp Exc Lymph Struc Nec; Simp Exc Lymph Struc Nec; Simp Exc Lymph Struc Nec; Simp Exc Lymph Struc Nec	40.29	40.29	40.29	40.29	Excision, Pelvic and Paraaortic Lymph Node(s), Bilateral
Simpl Aspir Lens Extract	13.3				Aspiration, Needle, Cataract, Eye, Left
					Aspiration, Needle, Cataract, Eye, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Sinus Aspirat/Lavage Nos	22.00				Drainage, Maxillary Mucocele, Right
					Irrigation, Maxillary Sinus, Bilateral
					Irrigation, Nasal Sinus
					Irrigation, Sinus
					Irrigation, Sinus, Anterior, Bilateral
Sinus Punct For Lavage	22.01				Placement, Stent, Ethmoid Sinus, Left
Sinusectomy Nos	22.60				Removal, Polyp, Sinus
					Resection, Tumor, Nasal Sinus
					Sinusectomy
Sinusotomy Nos	22.50				Drainage, Sinus
					Sinusotomy
Sinusotomy Nos; Nasal Sinus Dx Proc Nec; Sinus Aspirat/Lavage Nos	22.50	22.19	22.00		Sinusotomy, Endoscopic with Irrigation and Drainage
Size Reduct Plastic Op	86.83				Abdominoplasty
					Lipectomy, Suction, Abdomen
					Liposuction, Leg, Left
Size Reduct Plastic Op; Relaxation Of Scar	86.83	86.84			Abdominoplasty with Scar Revision, Abdomen, Lower
Skin & Subq Biopsy	86.11				Aspiration, Fluid, Axilla, Right
					Biopsies, Punch, Nevi, Back, Midline
					Biopsies, Shave, Skin, Forehead, Medial and Lateral
					Biopsy, Abscess, Paraspinal
					Biopsy, Ankle, Left
					Biopsy, Atypical Nevus, Elbow, Right
					Biopsy, Atypical Nevus, Foot, Left
					Biopsy, Back, Upper, Right
					Biopsy, Buttock, Left
					Biopsy, Cheek, Left
					Biopsy, Closed, Muscle, Bicep
					Biopsy, Core Needle, Mass, Axillary, Left
					Biopsy, Core Needle, Mass, Back
					Biopsy, Core Needle, Mass, Neck, Right
					Biopsy, Core Needle, Mass, Subpectoral, Left
					Biopsy, Core Needle, Psoas Muscle, Left
					Biopsy, Core Needle, Psoas Muscle, Right
					Biopsy, Core Needle, Scalp, Frontal Region
					Biopsy, Dysplastic Nevus, Skin of Back

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Excisional with Resection, Mass, Neck, Posterior, Right
					Biopsy, Excisional, Arm, Left
					Biopsy, Excisional, Atypical Nevi, Pelvic Region, Right
					Biopsy, Excisional, Basal Cell Carcinoma, Skin of Back, Upper, Left
					Biopsy, Excisional, Compound Nevus, Anterior Chest
					Biopsy, Excisional, Compound Nevus, Thigh, Left
					Biopsy, Excisional, Dorsal Long Finger, Left
					Biopsy, Excisional, Hand, Right
					Biopsy, Excisional, Lesion, Back
					Biopsy, Excisional, Lesion, Buttock, Right
					Biopsy, Excisional, Lesion, Forehead
					Biopsy, Excisional, Lesion, Skin of Calf, Right
					Biopsy, Excisional, Lesion, Skin of Scapula, Left
					Biopsy, Excisional, Lesion, Skin of Shoulder, Posterior, Left
					Biopsy, Excisional, Mass, 4th Finger, Right
					Biopsy, Excisional, Mass, Axilla, Right
					Biopsy, Excisional, Mass, Cheek, Left
					Biopsy, Excisional, Mass, Cheek, Right
					Biopsy, Excisional, Mass, Elbow, Left
					Biopsy, Excisional, Mass, Groin, Right
					Biopsy, Excisional, Mass, Neck, Anterior
					Biopsy, Excisional, Mass, Neck, Left
					Biopsy, Excisional, Mass, Neck, Posterior
					Biopsy, Excisional, Mass, Neck, Right
					Biopsy, Excisional, Mass, Paraspinal, Right
					Biopsy, Excisional, Mass, Popliteal Region, Left
					Biopsy, Excisional, Mass, Popliteal Region, Right
					Biopsy, Excisional, Mass, Thigh, Left
					Biopsy, Excisional, Multiple, Atypical Nevus/Nevi
					Biopsy, Excisional, Nevus, Back, Middle
					Biopsy, Excisional, Nevus, Head
					Biopsy, Excisional, Nevus, Neck, Left
					Biopsy, Excisional, Nevus, Scalp, Right
					Biopsy, Excisional, Nevus, Skin of Back, Left



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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Excisional, Nevus, Skin of Neck, Left
					Biopsy, Excisional, Nodule, Thigh, Left
					Biopsy, Excisional, Skin Lesion, Arm, Right
					Biopsy, Excisional, Skin Lesion, Back
					Biopsy, Excisional, Skin Lesion, Back, Left
					Biopsy, Excisional, Skin Lesion, Back, Right
					Biopsy, Excisional, Skin Lesions, Mid and Right Chest
					Biopsy, Excisional, Skin of Arm, Right
					Biopsy, Excisional, Skin of Chest Wall, Left
					Biopsy, Excisional, Skin of Neck, Right
					Biopsy, Excisional, Skin of Shoulder, Anterior, Right
					Biopsy, Excisional, Squamous Cell Carcinoma, Skin of Temple, Left, Upper
					Biopsy, Excisional, Subcutaneous Nodules, Iliac Crest, Anterior, Right
					Biopsy, Excisional, Subcutaneous Nodules, Thigh, Lateral, Right
					Biopsy, Excisional, Tumor Mass, Upper Arm, Left
					Biopsy, Excisional, Tumor, Flank, Left
					Biopsy, Excisional, Tumor, Occipital Scalp
					Biopsy, Fat Pad
					Biopsy, Fine Needle Aspiration, Thigh, Left
					Biopsy, Fine Needle Aspiration, Thigh, Right
					Biopsy, Fine Needle, Abdomen
					Biopsy, Fine Needle, Mass, Cheek, Right
					Biopsy, Fine Needle, Mass, Paraspinal, Right
					Biopsy, Fine Needle, Neck, Right
					Biopsy, Fine Needle, Soft Tissue of Lateral Neck
					Biopsy, Fine Needle, Soft Tissue of Scalp
					Biopsy, Fine Needle, Soft Tissue, Neck, Left
					Biopsy, Fine Needle, Soft Tissue, Temple, Left
					Biopsy, Finger, Right
					Biopsy, Flank, Left
					Biopsy, Forearm
					Biopsy, Hand, Left
					Biopsy, Lesion, Lower Leg, Right
					Biopsy, Lesion, Scalp

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Lesion, Skin of Axilla, Right
					Biopsy, Lesion, Skin of Leg, Left
					Biopsy, Lesion, Skin of Leg, Right
					Biopsy, Lesion, Skin of Neck, Left
					Biopsy, Lesion, Skin of Shoulder
					Biopsy, Lesion, Skin of Temporal Scalp, Left
					Biopsy, Lesion, Skin of Thigh, Left
					Biopsy, Lesion, Skin, Antecubital Fossa, Left
					Biopsy, Lesion, Skin, Antecubital Fossa, Right
					Biopsy, Lesion, Skin, Suprapubic Region
					Biopsy, Lesion, Thigh, Right
					Biopsy, Lesion, Trunk
					Biopsy, Lesions, Inguinal Skin
					Biopsy, Mass, Axilla, Left
					Biopsy, Mass, Axilla, Right
					Biopsy, Mass, Cheek, Right
					Biopsy, Mass, Chest, Left
					Biopsy, Mass, Face, Left
					Biopsy, Mass, Face, Right
					Biopsy, Mass, Foot, Left
					Biopsy, Mass, Forearm
					Biopsy, Mass, Forearm, Left
					Biopsy, Mass, Forearm, Proximal, Left
					Biopsy, Mass, Forearm, Right
					Biopsy, Mass, Inguinal Area, Left
					Biopsy, Mass, Inguinal Area, Right
					Biopsy, Mass, Leg, Left
					Biopsy, Mass, Neck, Left
					Biopsy, Mass, Neck, Midline
					Biopsy, Mass, Neck, Right
					Biopsy, Mass, Occipital Region, Scalp
					Biopsy, Mass, Paraspinal
					Biopsy, Mass, Paraspinal, Right
					Biopsy, Mass, Shoulder, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Mass, Skin of Suprasternal Region
					Biopsy, Mass, Soft Tissue of Sphenoid Area
					Biopsy, Mass, Soft Tissues
					Biopsy, Mass, Thigh, Left
					Biopsy, Mass, Upper Arm, Right
					Biopsy, Multiple, Oral Soft Tissues, Left
					Biopsy, Multiple, Thigh, Left
					Biopsy, Needle, Core, Knee, Right
					Biopsy, Needle, Forearm, Right
					Biopsy, Needle, Mass, Arm, Right
					Biopsy, Needle, Mass, Lumbar Paraspinal, Left
					Biopsy, Needle, Mass, Paralumbar, Right
					Biopsy, Needle, Mass, Temporal Muscle, Left
					Biopsy, Needle, Mass, Thigh, Left
					Biopsy, Needle, Mass, Thigh, Right
					Biopsy, Needle, Mass, Upper Arm, Left
					Biopsy, Needle, Soft Tissue, Iliac Region, Left
					Biopsy, Needle, Soft Tissue, Leg, Left
					Biopsy, Needle, Soft Tissue, Subcostal, Right
					Biopsy, Nevi, Skin of Chest
					Biopsy, Nevus, Chest, Right
					Biopsy, Nodule, Foot, Right
					Biopsy, Nodule, Skin
					Biopsy, Oral Soft Tissue, Left
					Biopsy, Pigmented Skin Lesion, Neck, Left
					Biopsy, Punch, Atypical Skin Lesion, Back, Right
					Biopsy, Punch, Basal Cell Carcinoma, Preauricular, Right
					Biopsy, Punch, Basal Cell Carcinoma, Scalp, Multiple
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Back, Left
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Back, Right
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Collarbone, Right
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Neck, Left
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Neck, Right
					Biopsy, Punch, Basal Cell Carcinoma, Skin of Scalp

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Punch, Basal Cell Carcinoma, Skin of Temple, Right
					Biopsy, Punch, Cheek, Right
					Biopsy, Punch, Lesion, Arm, Upper, Right
					Biopsy, Punch, Lesion, Leg, Left
					Biopsy, Punch, Lesion, Neck, Right
					Biopsy, Punch, Lesion, Skin of Abdomen, Left
					Biopsy, Punch, Lesion, Skin of Shoulder, Left
					Biopsy, Punch, Lesion, Skin of Thigh, Left
					Biopsy, Punch, Lesion, Skin of Thigh, Right
					Biopsy, Punch, Mass, Leg, Lower, Right
					Biopsy, Punch, Mass, Scalp, Frontal
					Biopsy, Punch, Mass, Shoulder, Posterior, Right
					Biopsy, Punch, Negative Nevi, Back
					Biopsy, Punch, Nevus, Shoulder, Right
					Biopsy, Punch, Scalp, Frontal, Left
					Biopsy, Punch, Scalp, Posterior, Right
					Biopsy, Punch, Skin
					Biopsy, Punch, Skin Anterior Chest, Left
					Biopsy, Punch, Skin Lesion, Axillary, Left
					Biopsy, Punch, Skin Lesion, Axillary, Right
					Biopsy, Punch, Skin Lesion, Back
					Biopsy, Punch, Skin Lesion, Back, Lower
					Biopsy, Punch, Skin Lesion, Back, Right
					Biopsy, Punch, Skin Lesion, Back, Upper
					Biopsy, Punch, Skin Lesion, Chest, Left
					Biopsy, Punch, Skin Lesion, Foot, Left
					Biopsy, Punch, Skin Lesion, Forearm, Right
					Biopsy, Punch, Skin Lesion, Knee, Right
					Biopsy, Punch, Skin Lesion, Thigh, Posterior, Left
					Biopsy, Punch, Skin Lesion, Wrist, Left
					Biopsy, Punch, Skin Lesions
					Biopsy, Punch, Skin Lesions, Arm, Left
					Biopsy, Punch, Skin Lesions, Thigh, Right
					Biopsy, Punch, Skin Mole

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Punch, Skin of Abdomen
					Biopsy, Punch, Skin of Calf, Right
					Biopsy, Punch, Skin of Cheek, Left
					Biopsy, Punch, Skin of Neck, Posterior, Left
					Biopsy, Punch, Skin of Pretibial Region, Left
					Biopsy, Punch, Skin of Scalp, Anterior Crown
					Biopsy, Punch, Skin of Scalp, Frontal, Mid
					Biopsy, Punch, Skin of Scalp, Left
					Biopsy, Punch, Skin of Scalp, Right
					Biopsy, Punch, Skin of Thoracic Spine
					Biopsy, Punch, Skin of Upper Quadrant, Right
					Biopsy, Punch, Skin, Chest, Anterior, Right
					Biopsy, Punch, Skin, Forearm, Left
					Biopsy, Punch, Skin, Forearm, Right
					Biopsy, Punch, Skin, Mid Chest
					Biopsy, Punch, Skin, Thorax, Right
					Biopsy, Shave, Atypical Nevi, Multiple
					Biopsy, Shave, Atypical Nevi, Temple, Left
					Biopsy, Shave, Atypical Nevi, Temple, Right
					Biopsy, Shave, Atypical Nevus, Abdomen
					Biopsy, Shave, Atypical Nevus, Axilla
					Biopsy, Shave, Atypical Nevus, Back
					Biopsy, Shave, Atypical Nevus, Back, Left
					Biopsy, Shave, Atypical Nevus, Back, Right
					Biopsy, Shave, Atypical Nevus, Buttock, Left
					Biopsy, Shave, Atypical Nevus, Buttock, Right
					Biopsy, Shave, Atypical Nevus, Lower Abdomen
					Biopsy, Shave, Atypical Nevus, Skin of Jawline, Left
					Biopsy, Shave, Atypical Nevus, Skin of Shoulder, Left
					Biopsy, Shave, Atypical Nevus, Skin of Shoulder, Right
					Biopsy, Shave, Basal Cell Carcinoma, Multiple Sites
					Biopsy, Shave, Basal Cell Carcinoma, Scalp
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Abdomen
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Arm, Upper, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Shave, Basal Cell Carcinoma, Skin of Back, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Back, Upper, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Cheek, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Cheek, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Chest, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Forearm, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Forehead
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Forehead, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Neck, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Neck, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Postauricular Region, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Postauricular Region, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Scalp, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Scalp, Occipital, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Shoulder, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Temple, Left
					Biopsy, Shave, Basal Cell Carcinoma, Skin of Temple, Right
					Biopsy, Shave, Basal Cell Carcinoma, Skin, Scalp, Right
					Biopsy, Shave, Capillary Hemangioma, Back
					Biopsy, Shave, Compound Nevus, Back
					Biopsy, Shave, Compound Nevus, Skin of Chest, Right
					Biopsy, Shave, Deltoid Region, Shoulder, Left
					Biopsy, Shave, Intradermal Nevus, Skin of Forearm, Right
					Biopsy, Shave, Lesion, Neck
					Biopsy, Shave, Lesion, Neck, Right
					Biopsy, Shave, Lesion, Shoulder, Right
					Biopsy, Shave, Lesion, Skin of Back, Upper, Mid
					Biopsy, Shave, Lesion, Skin of Cheek, Left
					Biopsy, Shave, Lesion, Skin of Cheek, Right
					Biopsy, Shave, Lesion, Skin of Chest, Left
					Biopsy, Shave, Lesion, Skin of Chin, Right
					Biopsy, Shave, Lesion, Skin of Clavicular Region, Right
					Biopsy, Shave, Lesion, Skin of Foot, Left
					Biopsy, Shave, Lesion, Skin of Foot, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Shave, Lesion, Skin of Forearm, Left
					Biopsy, Shave, Lesion, Skin of Forearm, Right
					Biopsy, Shave, Lesion, Skin of Groin, Left
					Biopsy, Shave, Lesion, Skin of Neck, Posterior
					Biopsy, Shave, Lesion, Skin of Neck, Right
					Biopsy, Shave, Lesion, Skin of Scalp, Right
					Biopsy, Shave, Lesion, Skin of Scapula, Left
					Biopsy, Shave, Lesion, Skin of Shoulder, Left
					Biopsy, Shave, Lesion, Skin of Temple, Left
					Biopsy, Shave, Lesion, Skin of Thigh, Left
					Biopsy, Shave, Lesion, Skin of Upper Arm, Left
					Biopsy, Shave, Lesion, Skin of Upper Arm, Right
					Biopsy, Shave, Lesion, Skin, Axilla, Left
					Biopsy, Shave, Lesion, Skin, Hip, Left
					Biopsy, Shave, Nevi, Chest, Mid and Right
					Biopsy, Shave, Nevus, Cheek, Right
					Biopsy, Shave, Nevus, Chin
					Biopsy, Shave, Nevus, Hand, Right
					Biopsy, Shave, Nevus, Lateral Trunk, Left
					Biopsy, Shave, Nevus, Skin of Chest, Left
					Biopsy, Shave, Nevus, Skin of Neck, Left
					Biopsy, Shave, Nevus, Skin of Neck, Right
					Biopsy, Shave, Nevus, Thigh, Left
					Biopsy, Shave, Skin of 5th Toe, Right
					Biopsy, Shave, Skin of Abdomen, Left
					Biopsy, Shave, Skin of Abdomen, Right
					Biopsy, Shave, Skin of Back, Center
					Biopsy, Shave, Skin of Back, Left
					Biopsy, Shave, Skin of Back, Right
					Biopsy, Shave, Skin of Chest
					Biopsy, Shave, Skin of Face, Right
					Biopsy, Shave, Skin of Forehead, Glabella Region
					Biopsy, Shave, Skin of Forehead, Left
					Biopsy, Shave, Skin of Forehead, Right

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Shave, Skin of Hand, Dorsal, Right
					Biopsy, Shave, Skin of Mid Back, Left
					Biopsy, Shave, Skin of Mid Back, Right
					Biopsy, Shave, Skin of Mons Pubis, Left
					Biopsy, Shave, Skin of Scalp, Left
					Biopsy, Shave, Skin of Scalp, Occipital, Left
					Biopsy, Shave, Skin of Toe
					Biopsy, Shave, Skin of Wrist, Left
					Biopsy, Shave, Squamous Cell Carcinoma In Situ, Skin of Chest, Right
					Biopsy, Shave, Squamous Cell Carcinoma, In Situ, Skin of Chest, Left
					Biopsy, Shave, Squamous Cell Carcinoma, Skin of Calf, Right
					Biopsy, Shave, Squamous Cell Carcinoma, Skin of Leg, Lower, Right
					Biopsy, Shave, Squamous Cell Carcinoma, Skin of Scalp, Left
					Biopsy, Shave, Squamous Cell Carcinoma, Skin of Shin, Left
					Biopsy, Skin
					Biopsy, Skin Lesion
					Biopsy, Skin Lesion, Arms
					Biopsy, Skin Lesion, Lower Leg, Left
					Biopsy, Skin Lesion, Lower Leg, Right
					Biopsy, Skin Lesion, Scalp
					Biopsy, Skin Lesions, Hip, Right
					Biopsy, Skin Lesions, Shoulder, Left
					Biopsy, Skin of Abdomen
					Biopsy, Skin of Abdomen, Left
					Biopsy, Skin of Arm, Left
					Biopsy, Skin of Arm, Right
					Biopsy, Skin of Back
					Biopsy, Skin of Calf, Right
					Biopsy, Skin of Chest
					Biopsy, Skin of Chest Wall, Right
					Biopsy, Skin of Clavicular Region, Right
					Biopsy, Skin of Forearm, Right
					Biopsy, Skin of Forehead
					Biopsy, Skin of Gluteal Cleft, Right
					Biopsy, Skin of Heel, Right



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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Skin of Knee, Right
					Biopsy, Skin of Scalp
					Biopsy, Skin of Thigh, Anterior, Right
					Biopsy, Skin of Thigh, Left
					Biopsy, Skin of Thigh, Right
					Biopsy, Skin, Ankle
					Biopsy, Skin, Costal Margin, Right
					Biopsy, Skin, Flank, Right
					Biopsy, Skin, Foot, Right
					Biopsy, Skin, Great Toe
					Biopsy, Skin, Heel, Left
					Biopsy, Skin, Hip, Left
					Biopsy, Skin, Knee, Left
					Biopsy, Skin, Medial Malleolus, Right
					Biopsy, Skin, Multiple
					Biopsy, Skin, Toe, Right
					Biopsy, Skin, Upper Arm, Right
					Biopsy, Skin, Wrist, Left
					Biopsy, Skin, Wrist, Right
					Biopsy, Soft Tissue Mass, Cervical Neck, Right
					Biopsy, Soft Tissue at Site of Second Permanent Molar, Left Under General Anesthesia
					Biopsy, Soft Tissue at site of Second Bicuspid, Left Under General Anesthesia
					Biopsy, Soft Tissue, Cervical Spine, Left
					Biopsy, Soft Tissue, Coccygeal
					Biopsy, Soft Tissue, Iliac, Left
					Biopsy, Soft Tissue, Iliac, Right
					Biopsy, Soft Tissue, Manubrium Sternum
					Biopsy, Soft Tissue, Paratracheal, Right
					Biopsy, Subcutaneous Nodule, Abdomen, Lower, Right
					Biopsy, Subcutaneous Nodule, Ankle, Right
					Biopsy, Subcutaneous Nodule, Supraclavicular, Right
					Biopsy, Subcutaneous Nodules, Back
					Biopsy, Tissue, Peri-aortic
					Biopsy, Tru-Cut Needle, Axilla, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin & Subq Biopsy	86.11				Biopsy, Tru-Cut Needle, Mass, Neck, Left
					Biopsy, Tumor, Arm
					Biopsy, Tumor, Scalp, Right
					Biopsy, Ulcerated Portion of Congenital Mass, Forearm, Right
					Excision, Wide Local, Skin of Abdomen
					Needle Biopsy, Calf, Left
Skin & Subq Biopsy; C.A.T. Scan Of Abdomen	86.11	88.01			Biopsy, Core Needle, Mass, Obturator, Right, by CT Guidance
Skin & Subq Biopsy; Dx Ultrasound Nec	86.11	88.79			Biopsy, Core Needle, Ultrasound Guided, Mass, Axilla
Skin & Subq Biopsy; External Ear Biopsy	86.11	18.12			Biopsy, Shave, Lesion, Skin of Scalp, Supraauricular
Skin & Subq Biopsy; Foot & Toe Joint Biopsy	86.11	80.38			Biopsy, Excisional, Mass, Foot, Left
					Biopsy, Excisional, Mass, Foot, Right
Skin & Subq Biopsy; Shoulder Joint Biopsy	86.11	80.31			Biopsy, Excisional, Mass, Shoulder, Left
					Biopsy, Excisional, Mass, Shoulder, Right
Skin & Subq Biopsy; Skin & Subq Biopsy	86.11	86.11			Biopsy, Excisional, Atypical Nevi, Upper Back and Abdomen, Right
					Biopsy, Shave, Skin of Upper and Lower Back
					Biopsy, Skin Lesions, Lower Leg, Bilateral
Skin & Subq Biopsy; Skin & Subq Biopsy; Skin & Subq Biopsy; Closed Breast Bx	86.11	86.11	86.11	85.11	Biopsy, Shave, Atypical Nevi, Skin of Abdomen, Pubis, Back, and Breast
Skin & Subq Biopsy; Skull Biopsy	86.11	01.15			Biopsy, Lesion, Scalp and Skull
Skin & Subq Biopsy; Soft Tissue Biopsy	86.11	83.21			Biopsy, Mass, Calf, Left
					Biopsy, Mass, Calf, Right
Skin & Subq Incision Nec	86.09				Exploration, Axilla, Left
					Exploration, Axilla, Right
					Exploration, Perineum
					Exploration, Wound
					Externalization, Ventriculoperitoneal Shunt, Left
					Externalization, Ventriculoperitoneal Shunt, Right
					Removal, Attempted, Hickman Cuff, Left
					Revision, Subcutaneous Port, Left
					Revision, Subcutaneous Port, Right
Skin & Subq Incision Nec; Other Skin & Subq I & D	86.09	86.04			Exploration and Evacuation, Hematoma, Surgical Wound, Lower Extremity, Right

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Skin & Subq Incision Nec; Radioactive Elem Implant	86.09	92.27			Insertion, Afterloading Catheters, Axilla, Left
					Insertion, Afterloading Catheters, Buttock, Right
					Insertion, Afterloading Catheters, Calf, Left
					Insertion, Afterloading Catheters, Calf, Posterior, Right
					Insertion, Afterloading Catheters, Face, Left
					Insertion, Afterloading Catheters, Foot, Left
					Insertion, Afterloading Catheters, Hand, Left
					Insertion, Afterloading Catheters, Hand, Right
					Insertion, Afterloading Catheters, Hand/Wrist, Right
					Insertion, Afterloading Catheters, Knee, Left
					Insertion, Afterloading Catheters, Lower Leg, Right
					Insertion, Afterloading Catheters, Neck, Posterior, Right
					Insertion, Afterloading Catheters, Neck, Right
					Insertion, Afterloading Catheters, Popliteal Region, Left
					Insertion, Afterloading Catheters, Scalp
					Insertion, Afterloading Catheters, Scapula, Left
					Insertion, Afterloading Catheters, Thigh, Left
					Insertion, Afterloading Catheters, Thigh, Posterior Distal, Left
					Insertion, Afterloading Catheters, Thigh, Right
					Insertion, Afterloading Catheters, Upper Arm, Left
					Insertion, Afterloading Catheters, Upper Arm, Right
Skin & Subq Incision Nec; Skin & Subq Biopsy	86.09	86.11			Exploration and Biopsy, Popliteal Region, Left
Skin & Subq Incision Nec; Skin & Subq Incision Nec	86.09	86.09			Exploration, Dorsal Aspect, Hand and Forearm, Left
Skin & Subq Op Nec	86.99				Preparation for Graft, Wound Bed
Skin Chemosurgery	86.24				Moh's Micrographic Surgery, Lesion, Skin of Abdomen
					Mohs Chemosurgery, Neck, Posterior, Left
					Mohs Chemosurgery, Neck, Right
					Mohs Chemosurgery, Postauricular, Right
					Mohs Chemosurgery, Skin Lesion, Forehead, Left
					Mohs Chemosurgery, Skin Lesion, Forehead, Right
					Mohs Chemosurgery, Skin Lesion, Postauricular Neck, Left
					Mohs Chemosurgery, Skin Lesion, Scalp, Left
					Mohs Chemosurgery, Skin Lesion, Scalp, Supraauricular
					Mohs Chemosurgery, Skin of Scalp

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin Chemosurgery	86.24				Mohs Chemosurgery, Thigh, Left
					Mohs Micrographic Surgery, Lesion, Skin of Thigh, Right
					Mohs Micrographic Surgery, Abdomen, Right
					Mohs Micrographic Surgery, Basal Cell Carcinoma, Skin of Cheek, Left
					Mohs Micrographic Surgery, Basal Cell Carcinoma, Skin of Cheek, Right
					Mohs Micrographic Surgery, Basal Cell Carcinoma, Skin of Postauricular Region, Left
					Mohs Micrographic Surgery, Basal Cell Carcinoma, Suprapubic Region, Inferior, Right
					Mohs Micrographic Surgery, Chest, Left
					Mohs Micrographic Surgery, Lesion, Skin of Back, Right
					Mohs Micrographic Surgery, Lesion, Skin of Forehead
					Mohs Micrographic Surgery, Lesion, Skin of Scalp
					Mohs Micrographic Surgery, Lesion, Skin of Scapula, Left
					Mohs Micrographic Surgery, Lesion, Skin of Temple, Left
					Mohs Micrographic Surgery, Lesion, Skin of Thigh, Left
					Mohs Micrographic Surgery, Scalp, Right
					Mohs Micrographic Surgery, Skin Lateral to Eye, Right
					Mohs Micrographic Surgery, Skin of Arm, Upper, Right
					Mohs Micrographic Surgery, Skin of Cheek, Right
					Mohs Micrographic Surgery, Skin of Chest, Right
					Mohs Micrographic Surgery, Skin of Forearm, Right
					Mohs Micrographic Surgery, Skin of Neck
					Mohs Micrographic Surgery, Skin of Temple, Right
					Mohs Micrographic Surgery, Skin, Multiple Sites
					Scrub, Chemical
Skin Chemosurgery; Skin Chemosurgery	86.24	86.24			Mohs Micrographic Surgery, Neck, Bilateral
Skin Defect Tattooing; Inject Steroid	86.02	99.23			Injection, Kenalog, Scar, Anterior Neck

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin Excision For Graft	86.91				Excision, Skin for Graft, Arm, Right
					Excision, Skin for Graft, Buttock, Left
					Excision, Skin for Graft, Hip, Left
					Excision, Skin for Graft, Hip, Right
					Excision, Skin for Graft, Thigh, Left
					Excision, Skin for Graft, Thigh, Right
					Harvest for Graft, Skin, Thigh, Right
Skin Incis & Fb Removal	86.05				Debridement, Hickman Line Tract, Left
					Removal, Afterloading Catheters, Buttock, Left
					Removal, Arterial Catheter
					Removal, Ash Split, Central Venous Catheter
					Removal, Baclofen Pump
					Removal, Broviac Catheter Cuff, Surgically
					Removal, Broviac Catheter, Externl Jugular Vein, Right
					Removal, Broviac Catheter, External Jugular, Right
					Removal, Broviac Catheter, Temporal Scalp, Right
					Removal, Catheter, Internal Jugular, Right
					Removal, Displaced Hickman Line, Right
					Removal, Foreign Body, Calf, Left
					Removal, Foreign Body, Foot, Left
					Removal, Foreign Body, Forearm, Right
					Removal, Foreign Body, Hand, Left
					Removal, Foreign Body, Thumb, Left
					Removal, Foreign Object, Arm, Left
					Removal, Hemodialysis Catheter
					Removal, Hickman Catheter, Cephalic, Right
					Removal, Hickman Line
					Removal, Hickman Line Cuff, Chest, Left
					Removal, Hickman Line Cuff, Surgically
					Removal, Hickman Line Temporary, Left
					Removal, Hickman Line and Cuff, Left
					Removal, Hickman Line, Double Lumen
					Removal, Hickman Line, Double Lumen, Left
					Removal, Hickman Line, Double Lumen, Right
					Removal, Hickman Line, Double Lumen, Subclavian, Left

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Skin Incis & Fb Removal	86.05				Removal, Hickman Line, Double Lumen, Subclavian, Right
					Removal, Hickman Line, External Jugular Vein, Right
					Removal, Hickman Line, Femoral, Right
					Removal, Hickman Line, Internal Jugular Vein, Right
					Removal, Hickman Line, Left
					Removal, Hickman Line, Residual, Left
					Removal, Hickman Line, Right
					Removal, Hickman Line, Single Lumen
					Removal, Hickman Line, Single Lumen, Subclavian, Left
					Removal, Hickman Line, Single Lumen, Subclavian, Right
					Removal, Hickman Line, Subclavian, Left
					Removal, Hickman Line, Subclavian, Right
					Removal, Hickman Line, Temporary, Right
					Removal, Implant, Chest Wall, Left
					Removal, Infected Broviac Catheter, Left
					Removal, Infected Broviac Cuff, Right
					Removal, Infected Hickman Cuff and Tract, Left
					Removal, Infected Hickman Cuff and Tract, Right
					Removal, LOOP Recorder
					Removal, Neurostimulator Battery Pack
					Removal, Port, Subclavian, Left
					Removal, Retained Catheter, Pulmonary Artery
					Removal, Subclavian Venous Catheter, Left
					Removal, Subclavian Venous Catheter, Right
					Removal, Subcutaneous Port
					Removal, Subcutaneous Port, Cephalic Vein, Right
					Removal, Subcutaneous Port, External Jugular Vein, Left
					Removal, Subcutaneous Port, External Jugular Vein, Right
					Removal, Subcutaneous Port, Left
					Removal, Subcutaneous Port, Right
					Removal, Subcutaneous Port, Subclavian, Right
					Removal, Subdermal Medication Implant
					Removal, Temporary, Subclavian Venous Catheter, Right
					Removal, Tissue Expander, Labia Majora, Bilateral
					Removal, Tissue Expander, Orbit, Right

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Skin Incis & Fb Removal	86.05				Removal, Tissue Expander, Scalp, Occipitofrontal Junction
					Removal, Tissue Expanders, Scalp
					Removal, Tissue Expanders, Subgaleal
					Removal, Venous Catheter (Hickman, Port-a-Cath Etc.)
Skin Incis & Fb Removal; Remov Thor Ther Dev Nec	86.05	97.49			Removal, Broviac Catheter, Cephalic, Right
					Removal, Broviac Catheter, Left
					Removal, Broviac Catheter, Right
					Removal, Broviac Catheter, Subclavian , Left
					Removal, Broviac Line Cuff from Infected Tract, Left
					Removal, Central Venous Line
					Removal, Central Venous Line, Left
					Removal, Central Venous Line, Right
					Removal, Central Venous Line, Triple Lumen, Subclavian, Right
					Removal, Dislodged Broviac Catheter, Right
					Removal, Dislodged Hickman Line, Left
					Removal, Displaced Hickman Line, Double Lumen, Right
Skin Repair & Plasty Nec	86.89				Closure by Plastic Surgery, Broviac Exit Site, Left
					Closure, Flap Graft Defect, Scalp
					Closure, Plastic, Neck, Left
					Closure, Wound, Abdomen with Prosthetic Material
					Reconstructive Surgery, Soft Tissue
					Repair, Mohs Defect, Forehead, Right
					Repair, Mohs Defect, Scalp, Left
					Repair, Soft Tissue, Middle Finger, Left
					Repair, Soft Tissue, Shoulder, Left
					Repair, Surgical, Soft Tissue of Foot, Left
					Revision, Incisional, 10cm Transverse Inverted Scar, Abdomen
					Revision, Limb Salvage Wound, Lower Extremity, Left
					Revision, Wound
					Revision, Wound Dehiscence, Antecubital Region, Right
					Revision, Wound, Occipital Scalp, Right
					Revision, Wound, Skin of Suboccipital
					Revision, Wound, Thigh, Right
Skin Repair & Plasty Nec; Attach Pedicle Graft Nec	86.89	86.74			Revision, Cervical Scar with Tissue Advancement and Adjacent Tissue Rearrangement

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Skin Suture Nec	86.59				Closure, Abdominal, by Retention Sutures
					Closure, Laceration, Heel, Left
					Closure, Layered, Plastic, Surgical Wound
					Closure, Layered, Surgical Wound, Leg, Left
					Closure, Layered, Wound, Spinal
					Closure, Primary, Appendectomy Incision
					Closure, Secondary, Wound, Chest, Left
					Complex Microsurgical Repair
					Reclosure, Wound, Knee, Left
					Reclosure, Wound, Leg, Left
					Reconstruction, Surgical, Lacerations, Face
					Repair of Post-Operative Defect, Cheek, Left
					Repair, Injury, Face
					Repair, Laceration, Skin, Forehead
					Repair, Mohs Defect
					Repair, Mohs Defect, Scalp, Right
					Repair, Mohs Defect, Scapula, Right
					Repair, Plastic Surgical, Lacerations, Face
					Resuture, Craniotomy Wound
					Resuture, Wound Dehiscence, Infratemporal Fossa, Left
					Secondary Wound Closure
					Vacuum Pack Wound Closure, Abdominal
Skin Suture Nec; App/Administr Adhesion Barri (Begin 2002)	86.59	99.77			Revision with Closure, Prosthetic Material, Wound, Abdomen
Skull & Brain Op Nec	02.99				Harvest, Bone, Parietotemporal Area, Right
					Implantation, Fiducial Markers, Cranium
					Placement, Shunt, Cystoperitoneal
					Removal, Shunt, Cystoperitoneal
					Removal, Surgical, Screw, Skull, Temporal, Right
					Replacement, Intracranial Pressure Monitor
					Tympanostomy with Insertion Ventilating Tube, Left



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Skull Biopsy	01.15				Biopsy, Endoscopic, Tumor, Clivus
					Biopsy, Excisional, Lesion, Frontal Bone, Left by Craniotomy
					Biopsy, Lesion, Skull, Frontal Region
					Biopsy, Mass, Frontal Bone, Right
					Biopsy, Mass, Jugular Foramen
					Biopsy, Skull, Parietal Region, Left
					Biopsy, Skull, Temporal, Left
					Biopsy, Skull, Temporal, Posterior, Right
					Biopsy, Temporal Bone, Right
Skull Biopsy; Other Craniotomy	01.15	01.24			Biopsy, Occipital Bone through Burr Hole
Skull Plate Insertion	02.05				Insertion, Plate, Skull
					Insertion, Plate, Skull, Left
					Insertion, Plate, Skull, Right
Skull Plate Removal	02.07				Removal, Acrylic Cranioplasty
					Removal, Plate, Skull, Left
					Removal, Skull Plate
					Removal, Steel Cranial Plate
Skull Plate Removal; Spinal Struct Repair Nec	02.07	03.59			Repair, Cerebrospinal Fluid Leak
Sm Bowel Endoscopy Nec	45.13				Endoscopy, Upper Gastrointestinal, Multiple
					Esophagogastroduodenoscopy
					Placement, Bravo pH Probe, Esophagus
Sm Bowel Endoscopy Nec; Colonoscopy	45.13	45.23			Endoscopy, Lower Gastrointestinal Tract
Sm Bowel Endoscopy Nec; Remov Intralum Gastr Fb	45.13	98.03			Removal, Food Bolus by Esophagogastroduodenoscopy
Sm Bowel Exteriorization	46.01				Ileostomy, Diverting Loop
Sm Bowel Stoma Closure	46.51				Closure, Ileostomy
Sm Bowel Stoma Revision	46.41				Open Repair and Debridement, Perforated Duodenal Ulcer
					Revision, Hepatojejunostomy
Small Bowel Incision Nec	45.02				Aspiration, Needle, Bowel, Jejunotomy
Small Bowel Suture Nec; Sm Bowelabd Wall Fixat	46.73	46.61			Suture Repair, Injury, Ileal Conduit with Ileopexy

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Smalltolarge Bowel Nec	45.93				Anastomosis, Ileo-Ascending Colon
					Anastomosis, Ileo-Cecal
					Anastomosis, Ileorectal
					Anastomosis, Side to Side, Distal Small Bowel to Distal Colon
					Anastomosis, Side to Side, Ileum to Transverse Colon
					Ileocolostomy
Smtosm Bowel Anastom	45.91				Anastomosis, Distal Ileum
					Anastomosis, End to End, Jejunum
					Anastomosis, Gastrojejunal
					Enteroanastomosis, Small Intestine to Small Intestine, Laterolateral
Soave Submuc Rect Resect; Ileostomy Nos	48.41	46.20			Soave Endorectal Pull-Through with Ileostomy
Soft Tissue Aspirat Nec	83.95				Aspiration, Fine Needle, Soft Tissue, Knee, Left
Soft Tissue Biopsy	83.21				Biopsy, Fine Needle Aspiration, Mass, Obturator, Right
					Biopsy, Iliacus Muscle, Right
					Biopsy, Iliopsoas Muscle, Right
					Biopsy, Incisional, Mass, Neck, Left
					Biopsy, Incisional, Mass, Thigh, Right
					Biopsy, Incisional, Soft Tissue, Back
					Biopsy, Incisional, Tumor, Thigh, Right
					Biopsy, Mass, Deltoid, Left
					Biopsy, Mass, Gluteal Muscle, Left
					Biopsy, Mass, Iliopsoas
					Biopsy, Mass, Pubic Soft Tissue
					Biopsy, Muscle, Pectoralis Minor and Major, Right
					Biopsy, Muscle, Thigh, Right
					Biopsy, Open, Soft Tissue Tumor, Thigh, Left
					Biopsy, Open, Tumor, Abdominal Flank
					Biopsy, Open, Tumor, Buttock, Right
					Biopsy, Pectoralis Minor Muscle, Right
					Biopsy, Perithyroid Soft Tissue
					Biopsy, Pterygoid Stump
					Biopsy, Soft Tissue, Elbow, Right
					Biopsy, Soft Tissue, Finger, Third, Left
					Biopsy, Soft Tissue, Knee, Left
					Biopsy, Spine

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Soft Tissue Biopsy	83.21				Biopsy, Strap Muscle
					Biopsy, Vastus Medialis Muscle, Right
					Excision, Ganglion Cyst, Hand, Left
					Excision, Ganglion Cyst, Wrist
					Excision, Ganglion Cyst, Wrist, Right
Soft Tissue Biopsy; Bone Biopsy Nec	83.21	77.49			Biopsy, Incisional, Mass, Pelvic Wall, Left
Soft Tissue Division Nec	83.19				Release, Contracture, Arm, Right
					Release, Soft Tissue, Leg, Lateral, Left
Soft Tissue Division Nec; Soft Tissue Division Nec	83.19	83.19			Release, Contracture, Lower Extremities, Bilateral
Soft Tissue Incision Nec	83.09				Exploration, with Evacuation of Deep Seroma, Clavicular Region, Left
					Fasciotomy, Decompressive, Lower Extremity, Right
					Incision and Drainage, Soft Tissue, Gastrostomy Tube Site
					Insertion, Drain, Subfascia, Thoracolumbar Region
					Removal, Bullet, Thigh
Soft Tissue Incision Nec; Laparotomy Nec	83.09	54.19			Evacuation, Blood Clots with Control of Oozing Gerota's Fascia by Laparotomy
Spermatic Cord Ligation	63.72				Ligation, High, Spermatic Cord Structures, Right
					Ligation, Spermatic Cord
Spermatic Cord/Vas Biops	63.01				Biopsy, Epididymis, Left
					Biopsy, Margin of Spermatic Cord
Sphenoidectomy	22.64				Sphenectomy, Left
					Sphenoidectomy
					Sphenoidectomy, Left
Sphenoidotomy	22.52				Sphenoidotomy
Spinal Canal Explor Nec	03.09				Decompression and Exploration, Wound, Cervical
					Decompression, C6 Nerve Roots
					Decompression, Spinal Cord
					Drainage, Superior Syrinx
					Drainage, Terminal Syrinx
					Exploration, Cauda Equina
					Exploration, Thoracic Spinal Canal Structure
					Foraminotomy
					Hemilaminectomy
					Hemilaminectomy, C 7
					Hemilaminectomy, C1

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Spinal Canal Explor Nec	03.09				Hemilaminectomy, L4-5 with Decompression L5 Nerve Root, Right
					Hemilaminectomy, Left with Neural Foramen Decompression, L4-L5 Vertebra
					Hemilaminectomy, T 2
					Laminectomy (Decompression)
					Laminectomy C1 to C2
					Laminectomy, C1
					Laminectomy, C3 to T2
					Laminectomy, Cervical
					Laminectomy, Cervical (C1)
					Laminectomy, Cervical (C1-C7)
					Laminectomy, L3-L4
					Laminectomy, L4-L5
					Laminectomy, L5-S1
					Laminectomy, Lumbar
					Laminectomy, Lumbar Spine, L1-L2
					Laminectomy, Lumbar, L3
					Laminectomy, Lumbar, Lower
					Laminectomy, Lumbosacral
					Laminectomy, Partial, C2
					Laminectomy, Partial, L2
					Laminectomy, Partial, S1
					Laminectomy, S2-S3, Left
					Laminectomy, T10-T11
					Laminectomy, T3-T4
					Laminectomy, Thoracic
					Laminectomy, Thoracic (T7-T8)
					Laminoplasty, C3-T12
					Laminoplasty, T9-T10
					Laminotomy
					Laminotomy, C1-C4
					Laminotomy, Posterior
					Open Decompression, Herniated Disc, L5-S1
					Replacement Laminoplasty, T12-L1
Spinal Canal Explor Nec; Bone Biopsy Nec	03.09	77.49			Exploration and Biopsy, Mass, Cervical, Right

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Spinal Canal Explor Nec; Excis Spinal Cord Lesion	03.09	03.4			Laminectomy (T1-L2), Emergency Decompression with Resection, Tumor, Spinal Cord
					Laminectomy, Decompressive with Resection, Lesions, L4-L5
					Laminoplasty, Decompression, T9-L1 with Resection, Mass, Subtotal, Epidural Region
					Laminotomy with Resection, Tumor, Spinal Cord
Spinal Canal Explor Nec; Excis Spinal Cord Lesion; Spinal Canal Explor Nec	03.09	03.4	03.09		Osteoplastic Laminotomy, T4-T10 with Resection, Tumor, Epidural and Decompression, Spinal Cord Canal
Spinal Canal Explor Nec; Excision Intervert Disc (Begin 1986)	03.09	80.51			Laminectomy with Facetectomy, T9-T10 and Discectomy, T9-T11
Spinal Canal Explor Nec; Incision Of Chest Wall	03.09	34.01			Laminectomy, Decompression, Anterior Thoracic by Thoracotomy
Spinal Canal Explor Nec; Loc Exc Bone Lesion Nec	03.09	77.69			Decompression and Resection, Tumor, L4-L5 Intervertebral Foramen
					Laminectomy, Cervical (C2), With Excision of Bone Lesion
					Laminectomy, Lumbar with Resection, Mass
					Laminectomy, T1-T10 with Gross Total Resection and Cordectomy, Tumor, T4-T8
					Laminectomy, T1-T11 with Resection, Gross Total, Tumor
Spinal Canal Explor Nec; Other Brain Excision; Brain Meninge Repair Nec	03.09	01.59	02.12		Laminectomy, C2 with Fenestration Subdural Membrane into Subcutaneous Space with Dural Patch Graft
Spinal Canal Explor Nec; Other Chordotomy	03.09	03.29			Laminotomy with Myelotomy, C5-T3
Spinal Canal Explor Nec; Other Chordotomy; Oth Spinal Thecal Shunt	03.09	03.29	03.79		Laminotomy, C5-C6 with Dorsal Myelotomy and Syringosubarachnoid Shunt
Spinal Canal Explor Nec; Periph Nerv Excision Nec	03.09	04.07			Laminectomy, S2 with Resection, Neurofibroma
Spinal Canal Explor Nec; Remove Impl Device Nec	03.09	78.69			Exploration with Removal, Posterior Instrumentation, Spine
Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.09	03.09			Hemilaminectomy, Left with Neural Foramen Decompression at L1-L2 and L2-L3
					Laminectomy, C1 to C3
					Laminectomy, Complete, L3, L4 and L5
					Laminectomy, Decompressive, T11, T12 and L1
					Laminectomy, L2-L4
					Laminectomy, Lumbar (L3-L5)
					Laminectomy, T1-T3, Posterior
					Laminectomy, T10-T12
					Laminectomy, T12-L1 and L2, Bilateral
					Laminectomy, T7-T9

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Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.09	03.09			Laminectomy, T9, T10 and T11 Vertebral Bodies
					Laminoplasty, T12-L2
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Creat Peritoneovas Shunt	03.09	03.09	54.94		Laminectomy, C5-C7, with Placement, Peritoneal Shunt
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Int Fixno Fx Reduct Nec	03.09	03.09	78.59		Replacement Laminoplasty with Absorbable Plates and Mini Screws, T2-T4
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Loc Exc Bone Lesion Nec	03.09	03.09	77.69		Laminectomy, Decompression, C3-5 with Tumor Resection
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.09	03.09	03.09		Laminectomy, T1-T4
					Laminectomy, Thoracic, T2-T5
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.09	03.09	03.09	03.09	Decompression, Spine, C2-T1
					Laminoplasty, C3-C7
Spinal Canal Explor Nec; Spinal Canal Explor Nec; Spinal Cord/Meninges Bx	03.09	03.09	03.32		Laminectomy, C2 to C4, with Biopsy , Lesion, Spinal Cord, C3
Spinal Canal Explor Nec; Spinal Cord/Meninges Bx	03.09	03.32			Laminectomy with Biopsy
					Laminectomy, Decompression, T4-T8 with Spinal Cord Intramedullary Tumor Biopsy
					Laminectomy, Partial, L1 and L2 with Biopsy, Tumor
Spinal Canal Explor Nec; Spinal Struct Repair Nec	03.09	03.59			Repair, Neural Foramina and Spinal Fluid Leak, T10-T11
Spinal Cord Adhesiolysis; Per Nerve Adhesiolys Nec	03.6	04.49			Neurolysis, Pelvic Plexus and Femoral Nerve
Spinal Cord Adhesiolysis; Spinal Canal Explor Nec; Insert/Repl Oth Neurost (Begin 2004)	03.6	03.09	86.96		Implantation, Neurostimulator Electrode, T11 by Laminotomy with Implantation, Neurostimulator Generator, Iliac Crest, Right
Spinal Cord/Meninges Bx; Closed Brain Biopsy	03.32	01.13			Biopsy, Diffuse Metastatic Tumor, Surface of Spinal Cord and Arachnoid
Spinal Cord/Meninges Bx; Spinal Canal Explor Nec; Spinal Canal Explor Nec	03.32	03.09	03.09		Biopsy, Spinal Cord Intramedullary Tumor, T10-T12 by Laminectomy
Spinal Fusion Nos	81.00				Fusion, Spinal, Posterior with Placement of Harrington Rods
Spinal Fusion Nos; Bone Graft Nec	81.00	78.09			Fusion, Cervical Spine with Instrumentation and Allograft
Spinal Fusion Nos; Ex Chest Cage Bonegft; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.00	77.71	81.62		Fusion, Spine, Anterior, with Autologous Bone Graft, Rib
Spinal Fusion Nos; Ex Chest Cage Bonegft; Fusion Or Refusion Of 23 Ve (Begin 2003); Bone Graft Nec	81.00	77.71	81.62	78.09	Fusion, Spine, Posterior with Rib Autograft and Cancellous Allograft
Spinal Fusion Nos; Excise Bone For Gft Nec; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.00	77.79	81.62		Fusion, Spine, Posterior with Placement, Harrington Rods and Iliac Bone Graft

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Spinal Fusion Nos; Fusion Or Refusion Of 23 Ve (Begin 2003)	81.00	81.62			Fusion, Cervical
					Fusion, Cervical Spine, C1-C2
					Fusion, Spinal
					Fusion, Spinal, Anterior with Placement of Harrington Rods
					Fusion, Spinal, Anterior/Posterior with Placement Rods
					Fusion, Spinal, Posterior with Titanium Rods and Sub-Lamina Rods
					Fusion, Spine
					Fusion, Spine, Anterior
					Fusion, Spine, L5-S1
					Fusion, Spine, T7-T8
					Insertion, Instrumentation, Spine, Posterior with Fusion
					Stabilization, Vertebra, C5-C6 with Plates
					Transforaminal Lumbar Interbody Fusion
Spinal Fusion Nos; Fusion Or Refusion Of 23 Ve (Begin 2003); Bone Graft Nec	81.00	81.62	78.09		Fusion, Spinal with Allograft, T1-T2
					Fusion, Spinal, with Graft, L3-4
					Fusion, Spinal, with Graft, T3-T4
Spinal Fusion Nos; Fusion Or Refusion Of 23 Ve (Begin 2003); Insert Interbody Spinal Fusi (Begin 2002); Excision Intervertebral Disc (Begin 1986)	81.00	81.62	84.51	80.51	Laminectomy, Facetectomy, Discectomy, and Foraminotomy, with Interbody Fusion, Bone Graft and Internal Fixation, L5-S1
Spinal Fusion Nos; Fusion Or Refusion Of 48 Ve (Begin 2003)	81.00	81.63			Fusion, Spinal, T7-L3
Spinal Fusion Nos; Fusion Or Refusion Of 48 Ve (Begin 2003); Bone Graft Nec	81.00	81.63	78.09		Fusion, Spinal with Allograft, T9-L5
Spinal Fusion Nos; Fusion Or Refusion Of 9 Or M (Begin 2003)	81.00	81.64			Fusion, Spine, Posterior, T4-L2 with Placement, Harrington Rods
					Fusion, Spine, T2-L4 with Placement, Harrington Rods
					Fusion, Spine, T2-T12
Spinal Fusion Nos; Fusion Or Refusion Of 9 Or M (Begin 2003); Bone Graft Nec	81.00	81.64	78.09		Fusion, Spinal with Allograft, C4-T10
Spinal Patch	03.95				Injection, Blood Patch, Epidural
Spinal Struct Repair Nec	03.59				Placement, Dural Patch Graft, C4-T12
					Placement, Dural Patch Graft, C5-T3
					Repair, Dura, Spinal Cord

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Spinal Tap	03.31				Insertion, Lumbar Subarachoid Drain
					Insertion, Spinal Drain, L3
					Puncture, Lumbar Spinal
Spine Canal Struc Op Nec	03.99				Repair, Spinal Cord due to Tethering
Spine Meningocele Repair	03.51				Repair, Meningocele
					Repair, Pseudomeningocele
Spine Meningocele Repair; Per Nerve Adhesiolys Nec; Spinal Cord Adhesiolysis	03.51	04.49	03.6		Neurolysis, Middle/Lower Trunk Brachial Plexus, Suprascapular Nerve and Long Thoracic Nerve, Right
Spine Tract W Skull Dev	93.41				Placement, Halo for Spinal Traction
Stereotactic Radiosurg Nos (Begin 1998)	92.30				Radiosurgery, Stereotactic
					Radiosurgery, Stereotactic, Foramen Magnum, Left
					Radiosurgery, Stereotactic, Parietal Lobe, Left
					Radiosurgery, Stereotactic, Tumor Site, Tempoparietal Lobe
Subarachperiton Shunt	03.71				Placement, Shunt, Lumboperitoneal, Left
					Placement, Shunt, Lumboperitoneal, Right
Submuc Nasal Sept Resect	21.5				Resection, Partial, Posterior Septal Bone
Submuc Nasal Sept Resect; Other Craniectomy	21.5	01.25			Resection, Craniofacial, Cribiform Plate and Nasal Septum, Superior
Subtalar Fusion; Subtalar Fusion	81.13	81.13			Arthrodesis, Subtalar Joint, Bilateral
Subtotal Mastectomy	85.23				Mastectomy, Partial, Right
					Segmental Mastectomy, Breast, Left
Suprapubic Sling Op	59.4				Placement, Stent, Ureteral, Right
Surg Tooth Extract Nec	23.19				Periodontal Surgery
					Removal, Impacted Teeth, Completely Bony
					Removal, Surgical, Tooth
Sutur Capsul/Ligamen Arm	81.93				Capsulorrhaphy, Shoulder, Right
					Capsulorrhaphy, Shoulder, Left
Suture Bladder Lacerat	57.81				Repair, Perforation, Bladder
Suture Ext Ear Lac	18.4				Resuture, Wound Dehiscence, Ear, Right
Suture Of Lip Laceration	27.51				Repair, Wound Dehiscence, Lip
Sympathetic Nerve Biopsy	05.11				Biopsy, Excisional, S1 Nerve Root
					Biopsy, Pericaval, Sympathetic Ganglia
					Biopsy, Sacral Root, Inferior, Left
Symphysiotomy	55.85				Division, Horseshoe Kidney



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Syn Implant To Face Bone	76.92				Placement, Prosthesis, Maxilla
					Revision, Prosthesis, Maxilla
Synovectomysite Nos	80.70				Synovectomy
Systemicpulm Art Shunt	39.0				Aortic to Pulmonary Artery Shunt, Left
					Placement, Shunt, Blalock-Taussig
Tarsometatarsal Fusion	81.15				Fusion, Talonavicular, Left
Temporary Tracheostomy	31.1				Tracheostomy
					Tracheotomy
Temporomand Arthroplasty	76.5				Disc Repositioning and Ligament Repair, Temporomandibular Joint
					Surgery, Temporomandibular Joint
Temporomand Arthroplasty; Facial Bone/Jnt Op Nec	76.5	76.99			GAP Arthroplasty, Left, with Placement of Bilateral Craniomandibular Fixators
Temporomand Arthroplasty; Mandibular Reconst Nec; Bone Graft To Face Bone	76.5	76.43	76.91		Gap Arthroplasty, with Autograft Costochondrial Reconstruction, Temporomandibular Joint, Left
Tendon Recession	83.72				Recession, Gastrocnemius
					Recession, Peroneus Brevis Muscle
Tendon Recession; Tendon Recession	83.72	83.72			Recession, Gastrocnemius, Bilateral
					Recession, Hamstring, Bilateral
Tendon Trnsfr/Transplant	83.75				Tendon Transfer, Split, Anterior and Posterior Tibial, Right
					Transfer, Flexor Digitorum Pedis Longus to Second Cuneiform Facet Tendon, Left
					Transfer, Peroneus Brevis to Posterior Tibial Tendon, Left
					Transfer, Tendon, Anterior, Tibial, Foot, Left
					Transfer, Tendon, Anterior, Tibial, Foot, Right
					Transfer, Tendon, Foot, Left
					Transfer, Tendon, Foot, Right
					Transfer, Tendon, Posterior Tibial, Foot Left
					Transfer, Tendon, Posterior, Tibial, Foot, Right
Tendon Trnsfr/Transplant; Tendon Trnsfr/Transplant	83.75	83.75			Tendon, Transfer, Split, Posterior Tibial, Bilateral
					Transfer, Hamstring Tendon, Bilateral
Tendon Trnsfr/Transplant; Transplant Hand Tend Nec	83.75	82.56			Transfer, Tendon, Forearm, Wrist, Thumb and Hand, Right
Tenotomy Of Hand	82.11				Release, Flexor Tendon, Thumb, Right
					Release, Tendon, Hand, Right

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Testicular Les Destruct	62.2				Exploration with Excision of Gonadal Tissue, Inguinal, Bilateral
					Removal, Cyst, Testicle, Left
					Removal, Cyst, Testicle, Right
					Resection, Tumor, Paratesticular
Therapeut Evac Ant Chamb	12.91				Aspiration, Silicone Oil, Eye, Anterior Chamber
					Paracentesis (Aspiration), Anterior Chamber of Eye
Therapeutc Leukopheresis (Begin 1988)	99.72				Leukoapheresis
Thorac Esophagoenter Nec	42.54				Roux-en-Y, Esophagojejunostomy
	NOS	42.54			Roux-en-Y, Esophagojejunostomy
Thorac Exc Lung Lesion (Begin 2007)	32.20				Biopsy, Excisional, Nodule, Lung, Lower Lobe, Left by Thoracoscopy
					Biopsy, Wedge, Upper Lobe of Lung, Left by Thoracoscopy
					Excision, Wedge, Mass, Lung, Left by Thoracoscopy
					Excision, Wedge, Nodule, Lung, Left by Thoracoscopy
					Resection, Nodule, Lung, Left by Thoracoscopy
					Resection, Wedge, Lobe of Lung, Upper and Lower, Right by Thorascopy
					Thoracoscopic Biopsy, Excisional, Lung, Lower Lobe, Right
					Thoracoscopy with Wedge Resection, Lower Lobe of Lung, Left
					Thoracoscopy with Wedge Resection, Lower Lobe of Lung, Right
					Thoracoscopy with Wedge Resection, Upper Lobe of Lung, Right
Thorac Exc Lung Lesion (Begin 2007); Thorac Drain Pleurl Cav (Begin 2007)	32.20	34.06			Debridement, Abscess, Lung and Pleural Cavity, Right by Thoracoscopy
Thorac Exc Lung Lesion (Begin 2007); Thorac Exc Lung Lesion (Begin 2007)	32.20	32.20			Biopsy, Wedge, Upper and Lower Lung, Left by Thoracoscopy
Thoracentesis	34.91				Aspirate, Fine Needle and Culture, Pneumothorax, Right
					Aspiration, Needle, Pleural
					Thoracentesis, Left
					Thoracentesis, Pleural Aspiration
					Thoracentesis, Right
Thoracentesis; Insert Intercostal Cath	34.91	34.04			Tap, Pleural with Insertion, Chest Tubes
Thoracentesis; Thoracentesis	34.91	34.91			Thoracentesis, Bilateral
Thoracic Operation Nec	34.99				Lysis, Adhesions, Thorax
					Wash Out, Pleural
Thoracic Vessel Excision	38.65				Resection, Mass, Vena Caval
Thoracic Vessel Excision; Exc(/Dest) Oth Hrt Lesion (Begin 1980)	38.65	37.33			Transaortic Resection, Subaortic Membrane, Ascending Aorta and Ventricular Septal Myectomy
Thoracoscopc Decort Lung (Begin 2007)	34.52				Drainage Effusion, Take Down of Loculations, Partial Decortication of Lung, Right by Exploratory Video Assisted Thoracic Surgery

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Thorascopsc Lung Biopsy (Begin 2007)	33.20				Biopsy, Lung, Left by Thoracoscopy
					Thoracoscopy with Biopsy, Lesion, Upper Lobe of Lung, Right
					Thoracoscopy with Biopsy, Lung, Right
					Thoracoscopy with Biopsy, Multiple Nodules, Lobe of Lung, Left
					Thoracoscopy with Biopsy, Multiple Nodules, Lobe of Lung, Lower, Left
Thorascopsc Lung Biopsy (Begin 2007); Thorascopic Pleural Bx (Begin 2007)	33.20	34.20			Biopsies, Multiple, Pulmonary and Pleural by Thoracoscopy, Video Assisted
Thumb Amputation	84.02				Amputation, Below Elbow, Right
					Excision, Wide, Tumor by Distal Amputation, Thumb, Right
Thumb Reattachment	84.21				Reattachment, Fingers, Right
					Reattachment, Thumb, Left
Thymectomy Nos	07.80				Thymectomy
Thymus Biopsy	07.16				Biopsy, Thymus
Thyrogloss Duct Excision	06.7				Removal, Cyst, Thyroglossal Duct
Thyroid Field Aspiration	06.01				Aspirate, Fine Needle, Nodule, Thyroid, Left
					Aspirate, Fine Needle, Nodule, Thyroid, Right
					Aspirate, Fine Needle, Thyroid Pole, Left
					Aspiration, Cyst, Thyroid Gland
Thyroid Field Aspiration; Thyroid Field Aspiration	06.01	06.01			Aspirate, Fine Needle, Nodule, Thyroid, Bilateral
Tibia & Fibula Biopsy	77.47				Biopsy, Excisional, Lesion, Tibia, Proximal, Left
					Biopsy, Excisional, Lesion, Tibia, Proximal, Right
					Biopsy, Fibula, Left
					Biopsy, Fibula, Right
					Biopsy, Fine Needle Aspirate, Tibia, Distal, Right
					Biopsy, Fine Needle, Tibia, Right
					Biopsy, Incisional, Mass, Tibia, Left
					Biopsy, Mass, Fibula, Distal, Right
					Biopsy, Needle, Fibula, Right
					Biopsy, Needle, Lesion, Tibia, Distal, Right
					Biopsy, Needle, Tibia, Distal, Left
					Biopsy, Needle, Tibia, Left
					Biopsy, Open, Fibula, Distal, Right
					Biopsy, Open, Fibula, Left
					Biopsy, Open, Fibula, Proximal, Right

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Tibia & Fibula Biopsy	77.47				Biopsy, Open, Mass, Tibia, Proximal, Right
					Biopsy, Open, Tibia, Proximal, Left
					Biopsy, Open, Tibia, Proximal, Right
					Biopsy, Open, Tibia, Right
					Biopsy, Tibia, Distal, Left
					Biopsy, Tibia, Distal, Right
					Biopsy, Tibia, Proximal, Left
					Biopsy, Tibia, Proximal, Right
					Biopsy, Tibia, Right
					Biopsy, Tumor, Tibia, Distal, Right
Tibia & Fibula Biopsy; Loc Exc Les Tibia/Fibula	77.47	77.67			Biopsy and Curettage, Tibia, Proximal, Right
Tibia & Fibula Biopsy; Skin & Subq Biopsy; Ankle Joint Biopsy	77.47	86.11	80.37		Biopsy, Excisional, Mass, Ankle, Left
Tibia/Fibula Div Nec	77.37				Osteotomies, Tibia, Bilateral with Instrumentation
					Osteotomy, Tibia, Left
					Osteotomy, Tibia, Right
Toe Amputation	84.11				Amputation, First and Second Toes of Foot, Left
					Amputation, Fourth Toe, Right
					Amputation, Partial, Great Toe, Left
					Amputation, Second Toe, Left
					Amputation, Toe
					Removal, Extra Digit, Foot
					Removal, Partial and Debridement, Great Toe
					Removal, Supernumerary Toe, Foot, Left
Tonsil&adenoid Biopsy	28.11				Biopsy, Excisional, Tonsil, Left
					Biopsy, Lymphoid Tissue, Tonsillar and Adenoid Regions
					Biopsy, Tonsil, Left
					Biopsy, Tonsil, Right
Tonsil&adenoid Biopsy; (Closed) Biopsy Larynx (Begin 1980)	28.11	31.43			Biopsy, Tonsil, Left and Epiglottis by Laryngoscopy
Tonsil&adenoid Biopsy; (Closed) Biopsy Of Tongue (Begin 1980)	28.11	25.01			Biopsy, Excisional, Mass, Tonsillar Fossa and Base of Tongue, Right
Tonsil&adenoid Biopsy; Pharyngeal Biopsy	28.11	29.12			Biopsy, Lesion, Anterior Tonsil Pillar and Lateral Pharyngeal Wall, Left

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Tonsillectomy	28.2				Tonsillectomy
					Tonsillectomy, Left
					Tonsillectomy, Right
Tonsillectomy/Adenoidec	28.3				Tonsillectomy and Adenoidectomy
Tonsillectomy/Adenoidec; Tonsillectomy/Adenoidec	28.3	28.3			Tonsillectomy and Adenoidectomy, Bilateral
Tonsillectomy; Tonsillectomy	28.2	28.2			Tonsillectomy, Bilateral
Tooth Extraction Nec	23.09				Extraction, Deciduous and Permanent, Second Molar, Lower, Left
					Extraction, Dental
					Extraction, Dental, Full Mouth
					Extraction, Dental, Multiple
					Extraction, Five Teeth
					Extraction, Loose Tooth
					Extraction, Molars, Four
					Extraction, Multiple, Maxillary Central and Lateral Primary Incisors, Bilateral
					Extraction, Residual First Maxillary Premolar, Right
					Extraction, Wisdom Teeth
Tooth Extraction Nec; Gum Lesion Excision	23.09	24.31			Extraction with Curettage, Tooth
Tooth Implantation	23.5				Insertion, Tooth Implant(s)
Tot Abd Colectmy Nec/Nos (Begin 2008); (Total) Cholecystectomy (Begin 1991)	45.83	51.22			Colectomy, Total with Cholecystectomy
Tot Abd Colectmy Nec/Nos (Begin 2008); Ileostomy Nos	45.83	46.20			Colectomy, Total with End Ileostomy
Tot Abd Colectmy Nec/Nos (Begin 2008); Rectal Resection Nec; Ileostomy Nos	45.83	48.69	46.20		Proctocolectomy, Total with End Ileostomy
Tot Abd Colectmy Nec/Nos (Begin 2008); Smalltolarge Bowel Nec	45.83	45.93			Colectomy, Total Abdominal with Ileoproctostomy
Tot Abd Colectmy Nec/Nos (Begin 2008); Temporary Ileostomy; Anal Anastomosis (Begin 1987)	45.83	46.21	45.95		Colectomy, Total with Temporary Ileostomy and Creation of J-Pouch
Tot Chest Cage Ostectomy	77.91				Excision, 11th Rib, Right
					Excision, Rib
					Resection, 1st and 2nd Ribs, Right
					Resection, 9th Rib, Right
					Resection, Eighth Rib, Left
					Resection, En Bloc, 10th Rib, Left
					Resection, En Bloc, 10th Rib, Right
					Resection, Fifth Rib, Left
					Resection, Fifth Rib, Right

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Tot Chest Cage Ostectomy	77.91				Resection, First Rib, Left
					Resection, First Rib, Right
					Resection, Rib, Fourth, Right
					Resection, Rib, Second, Left
					Resection, Rib, Second, Right
					Resection, Rib, Sixth, Left
					Resection, Rib, Third, Left
					Resection, Ribs, 11-12, Left
					Resection, Seventh Rib
					Resection, Sixth Rib
					Resection, Sternocleidomastoid
					Resection, Wide, Rib, 12, Right
Tot Chest Cage Ostectomy; Bone Graft To Chest Cage	77.91	78.01			Resection, Rib, Third, Right and Reconstruction with Marlex Graft
Tot Chest Cage Ostectomy; Periph Nerv Anastom Nec	77.91	04.74			Ligation, Nerve Root, with Costotransversectomy, T10, Bilateral
Tot Exc Pituitransphen; Exc Pituit Lestransphen; Transphen Pituitary Bx	07.65	07.62	07.14		Hypophysectomy with Biopsy, Tumor, Pituitary by Transsphenoidal Approach
Tot Face Bone Ostect Nec	76.45				Maxillectomy, Lateral
Tot Face Bone Ostect Nec; Exc Max Sinus Lesion Nec	76.45	22.62			Maxillectomy, Total, Right with Gross Total Tumor Resection
Tot Ostectomyfemur	77.95				Resection, En Bloc, Femur
Tot Ostecttibia/Fibula	77.97				Resection, En Bloc, Fibula
					Resection, En Bloc, Tibia
Tot Ostecttibia/Fibula; Excision Of Knee Nec; Total Knee Replacement (Begin 1989)	77.97	80.96	81.54		Resection, En Bloc, Tibia, Proximal and Tibiofibular Joint, Proximal, Left with Prosthetic Knee Replacement
Tot Repair Tetral Fallot	35.81				Repair, Tetralogy Fallot
Total Abd Hyst Nec/Nos (Begin 2006); Laparotomy Nec	68.49	54.19			Hysterectomy, Total Abdominal, by Laparotomy
Total Abd Hyst Nec/Nos (Begin 2006); Remove Both Tubes & Ovar	68.49	65.61			Hysterectomy, Total, Abdominal with Salpingo-Oophorectomy, Bilateral
Total Cystectomy Nec	57.79				Cystectomy, Total
Total Exc Pituitary Nos	07.69				Excision, Pituitary Gland
Total Gastrectomy Nec	43.99				Gastrectomy, Total
Total Gastrectomy Nec; Other Pyloroplasty (Begin 1986)	43.99	44.29			Esophagogastrectomy with Pyloroplasty, by Abdominothoracic Approach
Total Gastrectomy Nec; Simp Exc Lymph Struc Nec; Part Gastrec W Jej Anast	43.99	40.29	43.7		Gastrectomy, Total, D2 Lymphadenectomy with Roux-en-Y Reconstruction

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Total Hepatectomy	50.4				Hepatectomy, Extended, Right
					Hepatectomy, Total
					Resection, Liver
Total Knee Replacement (Begin 1989)	81.54				Insertion, Endoprosthesis, Total Knee, Left
					Insertion, Endoprosthesis, Total Knee, Right
					Transposed Vascularized Fibula, Tibia, Knee Prosthesis
Total Ostectomy Nec; Bone Graft Nec	77.99	78.09			Vertebrectomies, Complete, L1 and L2, Anterior with Bank Humeral Strut Graft Reconstruction
Total Ostectomy Nec; Dorsolum Fus W/ H Rod (Begin 1989); Excise Bone For Graft Nos; Fusion Or Refusion Of 23 Ve (Begin 2003)	77.99	81.04	77.70	81.62	Resection, Completion, En Bloc, T10 Vertebra, Anterior Elements with Arthrodesis, Autograft and Instrumentation, T9-T11 by Thoracotomy, Right
Total Ostectomy Nec; Loc Exc Bone Lesion Nec	77.99	77.69			Vertebrectomy, Total, T9-T10 with Resection of Tumor
Total Patellectomy	77.96				Patellectomy
Total Patellectomy; Oth Dorsolum Fus (Begin 1989); Excise Bone For Graft Nos; Fusion Or Refusion Of 48 Ve (Begin 2003)	77.96	81.05	77.70	81.63	Resection, En Bloc, T10 Vertebra, Posterior Elements with Arthrodesis, Allograft/Autograft and Instrumentation, T8-T12, Posterolateral
Total Repair Of Tapvc	35.82				Repair, Anomalous Pulmonary Venous Return
Total Splenectomy	41.5				Splenectomy
Total Splenectomy; Laparoscopy	41.5	54.21			Splenectomy, Laparoscopic
Total Splenectomy; Laparotomy Nec	41.5	54.19			Splenectomy by Laparotomy
Total Unilat Salpingect	66.4				Resection, Fallopian Tube
					Salpingectomy, Left
					Salpingectomy, Right
Totl Reconstr Breast Nos (Begin 2008)	85.70				Mammoplasty, Reconstruction, Breast, Left
					Mammoplasty, Reconstruction, Breast, Right
Totl Reconstr Breast Nos (Begin 2008); Totl Reconstr Breast Nos (Begin 2008)	85.70	85.70			Reconstruction with Flap Graft, Areola/Nipple, Breast, Bilateral
Trabeculectom Ab Externo	12.64				Trabeculectomy, Eye, Right
Trachea Fistula Clos Nec	31.73				Closure, Fistula, Tracheocutaneous
					Repair with Recannulation, Fistula, Tracheoesophageal
Tram Flap Free (Begin 2008); Free Skin Graft Nec	85.73	86.69			Reconstruction, Chest Wall, Anterior, Right with Left Rectus Abdominis Muscle Flap and Split-Thickness Skin Graft
Tram Flap Free (Begin 2008); Pedicle Graft/Flap Nos	85.73	86.70			Reconstruction, TRAM Flap, Leg, Right
Tram Flap Free (Begin 2008); Revision Of Pedicle Graft	85.73	86.75			Revision, TRAM Flap Reconstruction, Leg, Right

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Tram Flap Pedicled (Begin 2008)	85.72				Delay Procedure for TRAM Flap Reconstruction
					Reconstruction, Pedicle TRAM Flap, Breast, Bilateral
					Reconstruction, TRAM Flap, Breast, Left
Transfront Pituitary Bx; Immobiliz/Wound Attn Nec	07.13	93.59			Biopsy, Tumor, Suprasellar Region by Stereotactic Neuroendoscopic Approach
Transjugular Liver Bx (Begin 2007)	50.13				Biopsy, Needle, Liver, Transjugular
Transpleura Thoracoscopy	34.21				Thoracoscopy
					Thoracoscopy, Exploratory, Right
					Thoracoscopy, Left
					Thoracoscopy, Right
					Video Assisted Thorascopic Surgery (VATS)
Transpleura Thoracoscopy; Clos Mediastinal Biopsy	34.21	34.25			Thoracoscopic Biopsy, Mass, Mediastinal
Transpleura Thoracoscopy; Lymphatic Struct Biopsy	34.21	40.11			Thoracoscopy with Biopsy, Lymph Node, Mediastinum
Transpleura Thoracoscopy; Transpleura Thoracoscopy	34.21	34.21			Thoracoscopy, Bilateral
Transverse Colon Resect	45.74				Colectomy, Transverse
					Resection, Transverse Colon, Right
					Resection, Transverse Mesocolon, Right
Transverse Colon Resect; Colostomy Nos	45.74	46.10			Resection, Low Anterior, Protective End Transverse Colostomy with Hartman's Pouch
Triple Arthrodesis	81.12				Arthrodesis, Subtalar, Talonavicular, Naviculocuneiform, Right
Truncal Vagotomy	44.01				Vagotomy, Truncal
Tu Bladder Clearance	57.0				Cystoscopy with Stone Extraction, Bladder
					Lithotripsy, Calculus, Bladder
					Removal, Stone, Bladder
Tu Bladder Clearance; Cystotomy Nec	57.0	57.19			Evacuation, Blood Clot, Bladder
Tu Destruc Bladd Les Nec	57.49				Cystoscopy with Electrocoagulation, Lesion, Bladder
					Fulguration, Bladder
					Resection, Nodule, Bladder
					Resection, Rhabdomyosarcoma, Bladder Neck
					Resection, Subtotal, Tumor, Bladder
					Resection, Tumor, Bladder by Transurethral Approach
Tu Destruc Bladd Les Nec; Cystoscopy Nec	57.49	57.32			Cystoscopy with Resection, Transurethral, Tumor, Bladder



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Tu Remov Ureter Obstruct	56.0				Basketing, Stone
					Lithotripsy, Kidney, Left
					Lithotripsy, Kidney, Right
					Lithotripsy, Renal
					Lithotripsy, Renal, Multiple
					Removal, Renal Calculi
					Removal, Renal Calculi, Left
					Removal, Renal Calculi, Right
Tu Remov Ureter Obstruct; Endoscopic Ileal Conduit (Begin 1987); Ureteroscopy	56.0	56.35	56.31		Endoscopy, Ileal Conduit with Laser Lithotripsy, Calculi
Tu Remov Ureter Obstruct; Percu Nephrostomy W Frag (Begin 1986)	56.0	55.04			Ablation, Laser, Renal Calculi
Tu Remov Ureter Obstruct; Ureteral Catheterization; Ureteroscopy	56.0	59.8	56.31		Laser Lithotripsy with Extraction, Stones and Placement Stent, Ureter, Right by Ureteroscopy
Turbinectomy Nec	21.69				Reduction, Closed, Nasal Fracture
					Reduction, Turbinate, Nasal, Bilateral
					Resection, Concha Bullosa
					Resection, Partial, Turbinate, Inferior and Middle, Right
					Turbinectomy
					Turbinectomy, Middle
					Turbinectomy, Partial, Inferior
Tympanoplasty Revision	19.6				Revision, Tympanomastoidectomy, Left with Removal of Cholesteatoma
Tympanoplasty Revision; Mastoidectomy Revision	19.6	20.92			Revision, Tympanomastoidectomy, Right with Removal of Cholesteatoma
Tympanostomy Tube Remove	20.1				Removal, Tube, Myringotomy
					Removal, Tube, Myringotomy, Left
					Removal, Tympanostomy Tube, Left
					Removal, Tympanostomy Tube, Right
Tympanostomy Tube Remove; Tympanostomy Tube Remove	20.1	20.1			Removal, Tympanostomy Tubes, Bilateral
Type 3 Tympanoplasty	19.53				Reconstruction, Ossicular Chain with Silverstein IS Joint Prosthesis, Left
					Tympanoplasty, Type III, Left
Type 3 Tympanoplasty; Mastoidectomy Nec	19.53	20.49			Tympanoplasty with Removal, Cholesteatoma and Ossicular Chain Reconstruction, Left
Umbil Hernia Repair Nec	53.49				Herniorrhaphy, Umbilical
					Repair, Omphalocele

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Unassigned					Abdominoperineal Pull Through Procedure
					Amputation, Forefoot, Left
					Anastomosis, Side to Side Transverse Colon and Hepatic Flexure
					Aspirate, Fine Needle, Nodule, Tumor Bed, Thyroid, Left
					Aspirate, Needle, Lesion, Rib
					Aspiration, Elbow Joint
					Aspiration, Needle, Lung, Right
					Aspiration, Needle, Percutaneous, Neck
					Aspiration, Percutaneous, Temporal Fossa
					Biopsy, Core Needle, Testis, Right
					Biopsy, Excisional, Lesion, Turbinate, Endoscopic
					Biopsy, Excisional, Mass, Dura, Parietal Region, by Stereotactic Craniotomy
					Biopsy, Excisional, Parathyroid Gland
					Biopsy, Excisional, Sentinel Lymph Node, Parotid, Right
					Biopsy, Excisional, Sentinel Lymph Node, Submandibular, Right
					Biopsy, Excisional, Sentinel Lymph node, Supraclavicular, Bilateral
					Biopsy, Mass, Cecum
					Biopsy, Mass, Inferior Vena Cava
					Biopsy, Mass, Nasal, Left
					Biopsy, Mediastinum, Right by Thoracoscopy
					Biopsy, Metacarpal, Left
					Biopsy, Needle, Soft Tissue, Thoracic, Paraspinal, Left
					Biopsy, Pericardial Lymph Node(s), Right
					Biopsy, Punch, Lesion, Skin of Neck, Posterior
					Biopsy, Shave, Lesion, Skin of Back, Mid
					Biopsy, Shave, Lesion, Skin of Calf, Posterior, Right
					Biopsy, Shave, Lesion, Skin of Chin, Left
					Biopsy, Shave, Lesion, Skin of Elbow, Left
					Biopsy, Shave, Lesion, Skin of Lower Leg, Right
					Biopsy, Shave, Lesion, Skin, Upper Back, Left
					Biopsy, Shave, Skin of Forehead
					Biopsy, Shave, Skin, Fourth Finger, Right
					Biopsy, Skin Lesion, Lower Back
					Biopsy, Skin Lesion, Upper Back

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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Unassigned					Biopsy, Vertebra, L2
					Biopsy, Wedge, Lung, Left
					Bone Graft, Knee, Left
					Bursectomy, Subacromial, Shoulder, Right
					Cryotherapy, Lesion, Skin of Chest, Left
					Cryotherapy, Skin of Arm
					Cryotherapy, Skin, Multiple Lesions
					Cystotomy for Excision of Bladder Diverticulum, Single or Multiple
					Debridement and Irrigation, Flap, Muscle
					Debridement and Irrigation, Knee, Left
					Debulking, Tumor, Retroperitoneal
					Decompression, Cranial Nerves, by Endoscopy
					Discectomy, L5-S1
					Dissection, Lymph Nodes, Medial Compartment, Neck
					Division and Ligation, Ligamentum Arteriosum
					Electrodesiccation, Skin of Cheek, Right
					Epididymectomy, Partial, Right
					Epiphysiodesis, Knee
					Evacuation, Hematoma
					Excision, Cyst, Pelvis
					Excision, Lesion, Back, Upper, Right
					Excision, Lesion, Skin of Trunk
					Excision, Lymph node, Perigastric
					Excision, Pelvic Endometriosis
					Excision, Plica, Knee
					Excision, Skin Lesion, Lower Back
					Excision, Squamous Cell Carcinoma, In Situ, Skin, Multiple Sites
					Excision, Squamous Cell Carcinoma, Skin, Multiple Sites
					Excision, Tumor, Parotid Gland, Left
					Excision, Wide Local, Cheek, Right
					Excision, Wide Local, Lesion, Forearm, Right
					Excision, Wide Local, Skin of Upper Arm, Right
					Excision, Wide, Lesion, Skin of Back, Lower, Left
					Excision, Wide, Lesion, Skin of Back, Upper, Left

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Unassigned					Exploration, Gluteal, Left
					Fixation, Internal with Screws, Metatarsal
					Graft, Dural
					Graft, Dural, Bovine Pericardium
					Graft, Fat, Scalp
					Harvest for Graft, Sural Nerve
					Hemilaminectomy, L2-L4 with Decompression
					Hemilaminotomy, L5-S1
					Hemimandibulectomy
					Hysterectomy, Vaginal, Laparoscopic
					Incision and Drainage, Abscess, Cheek
					Incision, Drainage and Irrigation
					Insertion, Afterloading Catheters, Forearm, Right
					Insertion, Responsive Neurostimulation System
					Insertion, Right Ventricular Assist Device
					Insertion, Subdermal, Medication Implant
					Instrumentation with Fixation, Fusion, Spine
					Laminectomy, Partial, C7
					Laminoplasty
					Lengthening, Peroneus Brevis Tendon
					Liposuction, Leg, Lower, Bilateral
					Lithotripsy, Ureter, Left
					Lobectomy, Occipital
					Lymphadenectomy, Inguinal, Right
					Lysis, Adhesion, Hip
					Microsurgical Section, Filum Terminale
					Mohs Micrographic Surgery, Lesion, Skin of Preauricular region, Left
					Mohs Micrographic Surgery, Lesion, Skin of Shoulder, Left
					Needle Biopsy, Calf, Right
					Nephrectomy, Radical, Right with Resection Adjacent Lymph Nodes
					Open Reduction with Internal Fixation, Fracture, Shoulder
					Pericardiotomy
					Placement, Punctal Plug, Eye, Right
					Radical Resection, Lesion, Skin of Mid Upper Back

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Unassigned					Reconstruction, Bone Flap, Titanium Plate and Screws
					Reconstruction, Oral Cavity
					Reconstruction, with Titanium Plates and Mesh, Frontotemporoparietal Skull
					Release, Contracture, Oral Cavity and Buccal Surface
					Removal, Afterloading Catheters, Forearm, Right
					Removal, Flap, Muscle
					Removal, Scar Tissue, Cruciate Ligament, Anterior
					Removal, Tube, Nasolacrimal Duct
					Repair, Fistula, Ureteroenteric
					Repair, Fracture, Fibula
					Repair, Fracture, Hand, Right
					Repair, Traumatic Partial Amputation, Finger
					Replacement Laminoplasty, T9-T12
					Replacement, Interatrial Septum
					Resection, Cholesteatoma, Ear, Bilateral
					Resection, Costal Cartilage, Rib
					Resection, Gross Total, Intraspinal Mass, L4-S2
					Resection, Gross Total, Tumor, Cerebellopontine Angle
					Resection, Gross Total, Tumor, Falx, Left, by Bifrontal Craniotomy
					Resection, Gross Total, Tumor, Tuberculum Sella (Anterior Cranial Fossa), by Frontotemporal Stereotactic Craniotomy
					Resection, Lesion, Parietal Region of Skull, Left
					Resection, Lesion, Skin of Scalp
					Resection, Mass, Palm
					Resection, Near Total, Tumor, Posterior Fossa
					Resection, Partial, Inferior Turbinate, Endoscopic
					Resection, Partial, Tumor, Temporal Parietal Occipital Region, Right by Craniotomy
					Resection, Soft Tissues, Adjacent
					Resection, Wedge, Kidney, Bilateral
					Resection, Wedge, Multiple, Lung, Right
					Revision, Arthroplasty, Hip, Right with Replacement, Bipolar Head
					Revision, Shunt, Ventriculoperitoneal, by Endoscopy
					Rotation Flap, Sternocleidomastoid Muscle
					Surgery, Varicose Veins, Leg, Right

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Unassigned					Thermocoagulation, Lesion, Duodenum
					To Be Added
					Topectomy, Parietal Lobe
					Total Hemilaminectomy, Right
					Ultrasound
					Urethroplasty
					Venous Repair, Microvascular, Flap, with Chemical Thrombectomy
	67.75				Reversal, Oophoropexy
	996.49				Activation, Attempt, Bone Transport Rod
	NOS				Arch Reconstruction, Foot, Left
					Arch Reconstruction, Foot, Right
					Aspiration, Effusion, Hip, Left
					Aspiration, Fluid, Stump, Below Knee, Left
					Aspiration/Drainage, Abscess
					Corrective Surgery, Foot, Left
					Corrective Surgery, Great Toes, Bilateral
					Cyst Wall, Biopsy
					Diversion, Urinary Continent
					Embolization, Attempted, Middle Meningeal Artery
					Endoscopy
					Endoscopy, Fiberoptic
					Evacuation, Hematoma, Chest
					Excision, Multiple, Hemangioma
					Fenestration, Cyst
					Fenestration, Cyst, Endoscopic
					Incision and Drainage, Abscess, Thigh
					Mitrofanoff Appendicovesicostomy
					Reduction, Intussusception
					Removal, Growth Plate, Knee
Unilat Breast Implant	85.53				Implant, Breast, Left
					Reconstruction Breast, Right with Insertion, Implant

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Unilat Exten Simp Mastec	85.43				Completion Mastectomy with Excision, Serratus Muscle and Axillary Lymph Node Dissection, Left
					Mastectomy, Modified Radical, Breast, Left
					Mastectomy, Modified Radical, Breast, Right
Unilat Fallop Tube Destr	66.92				Tubal Ligation, Left
Unilat Ing Hern Rep Nos	53.00				Herniorrhaphy, Inguinal, Left
					Herniorrhaphy, Inguinal, Right
					Repair, Inguinal Hernia
					Repair, Inguinal Hernia, Right
Unilat Ing Hern Rep Nos; Exc Spermatic Varicocele; Excision Of Hydrocele; Destruc Uter Support Nec	53.00	63.1	61.2	69.19	Herniorrhaphy, Inguinal, Right with Excision, Hydrocele, Right
Unilat Rad Neck Dissect	40.41				Dissection, Modified Radical, Lymph Node, Neck, Left
					Dissection, Modified Radical, Neck Lymph Node, Right
					Dissection, Radical, Neck, Right
					Dissection, Selective, Neck, Left
					Dissection, Selective, Neck, Left (Levels I and II)
					Dissection, Selective, Neck, Right
Unilat Reduct Mammoplast	85.31				Mammoplasty, Reduction
					Mammoplasty, Reduction, Breast, Left
					Mammoplasty, Reduction, Breast, Right
Unilat Simple Mastectomy	85.41				Mastectomy, Left
					Mastectomy, Non Skin Sparing, Breast, Left
					Mastectomy, Prophylactic, Left
					Mastectomy, Prophylactic, Right
					Mastectomy, Right
					Mastectomy, Simple, Left
Unilat Subq Mammect Nec	85.34				Mastectomy, Subcutaneous, Breast, Left
Unilat Thyroid Lobectomy	06.2				Hemithyroidectomy
					Hemithyroidectomy, Left
					Hemithyroidectomy, Right
					Lobectomy and Isthmectomy, Thyroid, Left
					Lobectomy and Isthmectomy, Thyroid, Right
					Lobectomy, Thyroid
					Lobectomy, Thyroid, Left
					Lobectomy, Thyroid, Right

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Unilateral Adrenalectomy	07.22				Adrenalectomy, Left
					Adrenalectomy, Left by Laparotomy
					Adrenalectomy, Radical, Right
					Adrenalectomy, Right
					Exploratory Laparotomy with Adrenalectomy, Left
Unilateral Adrenalectomy; Bilateral Adrenalectomy	07.22	07.3			Adrenalectomy
Unilateral Adrenalectomy; Laparoscopy	07.22	54.21			Adrenalectomy by Laparoscopy, Right
Unilateral Adrenalectomy; Regional Lymph Node Exc	07.22	40.3			Adrenalectomy, Left with Resection Adjacent Lymphadenopathy
					Adrenalectomy, Right, With Resection Adjacent Lymphadenopathy
Unilateral Adrenalectomy; Simp Exc Lymph Struc Nec	07.22	40.29			Adrenalectomy, Left With Dissection, Para-aortic Lymph Node
					Adrenalectomy, Right with Retroperitoneal Lymph Node Dissection
					Laparotomy with Adrenalectomy, Right and Resection Adjacent Lymphadenopathy
Unilateral Orchiectomy	62.3				Orchiectomy
					Orchiectomy, Partial, Left
					Orchiectomy, Radical, Inguinal, Right
					Orchiectomy, Radical, Left
					Orchiectomy, Radical, Right
					Orchiectomy, Right
Unilateral Orchiectomy; Insert Testicular Prosth	62.3	62.7			Orchiectomy, Left with Insertion of Testicular Prosthesis
					Orchiectomy, Right with Insertion Testicular Prosthesis
Unilateral Vulvectomy	71.61				Vulvectomy, Partial
Upper Gi Series	87.62				Upper Gastrointestinal Series (UGI)
Upper Lid Rhytidectomy	08.87				Elevation, Brow, Right
Upper Limb Vessel Incis	38.03				Embolectomy, Brachial Artery, Left
					Exploration, Radial Artery
Ureteral Anastomosis Nec	56.79				Pyeloureteral Anastomosis



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Ureteral Catheterization	59.8				Dilatation, Ureteral, Left
					Dilatation, Ureteral, Right
					Insertion, Stent, Ureter, Right
					Insertion, Ureteral Catheter, Left
					Insertion, Ureteral Catheter, Right
					Placement, Stent, Kidney, Right
					Placement, Stent, Ureteral
					Placement, Stent, Ureteral, Left
					Revision, Stent, Ureter, Left
					Revision, Stent, Ureter, Right
Ureteral Catheterization; Ureteral Catheterization	59.8	59.8			Placement, Stent, Ureter, Bilateral
Ureteral Catheterization; Ureterotomy	59.8	56.2			Insertion, Ureteral Stents with Ureterotomy
					Placement, Endopyelotomy Double J Stent, Left
Ureteral Operation Nec	56.99				Reimplantation, Ureteral
					Reimplantation, Ureteral, Left
					Reimplantation, Ureteral, Right
Ureterectomy Nos	56.40				Ureterectomy, Left
					Ureterectomy, Right
Ureteroneocystostomy	56.74				Ureterocystostomy, Right
Ureteroneocystostomy; Ureteroneocystostomy	56.74	56.74			Reimplantation, Ureteral, Bilateral
Ureteroscopy	56.31				Biopsy, Mass, Ureter, Right
					Ureteroscopy
					Ureteroscopy, Left
Ureteroscopy; Other Gu Instillation	56.31	96.49			Endoscopic Subureteral Injection, Bilateral
Ureterotomy	56.2				Dilatation, Ureteral, Unsuccessful
					Exploration, Ureter, Distal, Left
					Placement, Attempted, Ureteral Stent, Left
					Ureterolithotomy
Ureterotomy; Repair Of Ureter Nec	56.2	56.89			Ureterotomy with Repair of Ureter
Ureterotomy; Ureteroscopy	56.2	56.31			Ureteroscopy with Ureterotomy, Left
Ureterotomy; Urin Diversion To Bowel	56.2	56.71			Ureterotomy with Dilatation, Ureteroileostomy
Ureth Stricture Release	58.5				Urethrotomy, Internal
Ureth/Periureth Op Nec	58.99				Replacement, Stent, Urethral
Urethral Biopsy	58.23				Biopsy, Urethra

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Urethral Dilation	58.6				Dilation, Urethral
					Insertion, Stent, Urethral
Urethral Meatoplasty	58.47				Meatoplasty of Urethra
Urethral Meatotomy	58.1				Meatotomy
					Meatotomy, Urethral
Urethral Repair Nec	58.49				Repair, Posterior Valve, Urethra
					Repair, Prolapse, Urethra
Urethral Repair Nec; Vaginal Repair Nec	58.49	70.79			Repair, Urethral Diverticulum with Vaginal Repair
Urin Diversion To Bowel	56.71				Creation, Continent Urinary Diversion(Indiana Pouch), Ureters to Taenia of Colon
					Sigmoid Colon Conduit for Urinary Diversion
Urin Incontin Repair Nec	59.79				Transobturator Transvaginal Tape Placement
Urinary System Op Nec	59.99				Removal, Transobturator, Transvaginal Tape
Uterine Art Emb W/O Coil (Begin 2011)	68.25				Embolization, Uterine, Fibroid
Uterine Les Destruct Nec	68.29				Ablation, Myometrial
					Excision, Leiomyoma, Uterus
					Excision, Polyps, Endometrial
					Fulguration, Endometriosis, Pelvis
					Myomectomy with Fulguration of Endometriosis by Laparotomy
					Myomectomy, Uterine
					Resection, Endometriosis
					Thermablation, Uterus
Uterine Les Destruct Nec; Laparoscopy	68.29	54.21			Cauterization, Endometrial Implants by Laparoscopy
					Resection, Mass, Uterus by Laparoscopy
Uterine Suspension Nec	69.22				Uterine Suspension
Uvula & Soft Palate Bx	27.22				Biopsy, Soft Palate
Vag Reconst W Grft/Pros (Begin 2007)	70.64				Reconstruction, Vagina with Omental Flap and Skin Graft, Thigh, Left
Vag Reconst W Grft/Pros (Begin 2007); Insert Biological Graft (Begin 2007)	70.64	70.94			Reconstruction, Vagina with Pudendal-Perineal Flap

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Vaginal Biopsy	70.24				Biopsy, Mass, Vagina
					Biopsy, Polyps, Vagina
					Biopsy, Vagina
Vaginal Biopsy; Culdoscopy	70.24	70.22			Culdoscopy with Biopsy, Cervical
Vaginal Obliteration	70.4				Vaginectomy
					Vaginectomy, Partial
Vaginal Operation Nec	70.91				Dissection, Occlusion, Vagina
Vaginal Reconstruction	70.62				Reconstruction, Vagina, Lower Third
Vaginal Reconstruction; Anal Anastomosis (Begin 1987)	70.62	45.95			Reconstruction, Primary, Posterior Vaginal Wall and Coloanal Anastomosis
Vaginal Repair Nec	70.79				Repair, Vaginal Cuff Prolapse
Vaginoscopy	70.21				Colposcopy
					Colposcopy, Cervical
					Examination Under Anesthesia with Vaginoscopy
Vaginoscopy; Cervical Biopsy Nec	70.21	67.12			Colposcopy with Biopsy, Cervical
Vaginoscopy; Cervical Les Cryotherapy	70.21	67.33			Colposcopy with Cryotherapy, Cervical
Vaginoscopy; Cervical Les Destruc Nec	70.21	67.39			Colposcopy and Laser Therapy for Human Papilloma Virus Infection, Cervical
Vaginotomy Nec	70.14				Drainage, Hematocolpos, Vagina
					Incision, Vaginal Septum
					Transection, Longitudinal Septum, Vagina
Vaginotomy Nec; Radioactive Elem Implant	70.14	92.27			Insertion, Afterloading Cylinder, Vagina
Vagotomy Nos	44.00				Vagotomy
Vasc Proc Revision Nec	39.49				Angioplasty, Saphenous Vein Graft, Right
					Removal, Vascular Graft, Femoral Artery, Left
					Repair, Vascular Ring
					Revision, Microvascular Arteriovenous Fistula
Vasc Shunt & Bypass Nec	39.29				Bypass Graft, Femoral Artery, Left
					Femoral-Femoral Bypass Graft
					Femoropopliteal Bypass Graft, Right

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Procedure Codes  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Vasectomy	63.73				Vasectomy
					Vasectomy, Right
Vasectomy; Vasectomy	63.73	63.73			Vasectomy, Bilateral
Vein Injectscleros Agnt	39.92				Sclerotherapy, Leg, Multiple
Ven Cath Renal Dialysis (Begin 1989)	38.95				Insertion, Hemodialysis Catheter
Venous Puncture Nec	38.99				Extraction, Tumor Thrombus, by Venotomy, Inferior Vena Cava
					Placement, Attempted, Hickman Line, Subclavian, Bilateral
Ventr Septa Def Rep Nec	35.72				Repair, Congenital Defect, Ventricular Septal
					Repair, Ventricular Septal Defect
Ventr Septa Def Rep Nec; Conduit Rt Ventpul Art	35.72	35.92			Repair, Ventricular Septal Defect, Third Outlet, Ventricle, Right and Pulmonary Stenosis
Ventr Shuntcircula Sys	02.32				Conversion, Shunt, Ventriculoperitoneal to Ventriculoatrial
					Conversion, Shunt, Ventriculoperitoneal to Ventriculoatrial, Right
Ventrcl Shunt Tube Punc	01.02				Aspiration, Cyst, Suprasellar Region, Via Ommaya Reservoir
					Tap, Ommaya
					Tap, Shunt
Ventrcl Shuntabdomen	02.34				Conversion, Shunt, Ventriculoperitoneal to Ventriculocholecystic
					Insertion, Shunt with On/Off Valve, Ventriculoperitoneal, Left
					Insertion, Shunt, Fourth Ventricle with T-Connector to Peritoneal Catheter
					Internalization, Ventriculoperitoneal Shunt, Left
					Internalization, Ventriculoperitoneal Shunt, Right
					Placement, Left Frontal and Right Frontal Subdural Shunt Connected by T-Connector to A PS Medico High-Pressure Pediatric Valve to the Peritoneal Cavity
					Placement, Left Parietal Subdural to Peritoneal Shunt Via Y Connector into Previously Placed Right Parietal to Peritoneal Shunt
					Placement, Shunt Medium Pressure Adult, Subdural Peritoneal, Left
					Placement, Shunt, 4th Ventriculo-Peritoneal with Connection to Ventriculo-Peritoneal Shunt, Occipital, Right
					Placement, Shunt, Subdural Peritoneal, Left
					Placement, Shunt, Subdural-Peritoneal
					Placement, Shunt, Syringoperitoneal
					Placement, Shunt, Ventriculoperitoneal
					Placement, Shunt, Ventriculoperitoneal, Frontal, Left with High Pressure (PS) Valve
					Placement, Shunt, Ventriculoperitoneal, Lateral, Left
					Placement, Shunt, Ventriculoperitoneal, Left
					Placement, Shunt, Ventriculoperitoneal, Occipital, Left

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
Data Freeze: June 30, 2017**

ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Ventricl Shuntabdomen	02.34				Placement, Shunt, Ventriculoperitoneal, Occipital, Right
					Placement, Shunt, Ventriculoperitoneal, Parietal, Left
					Placement, Shunt, Ventriculoperitoneal, Parietal, Right
					Placement, Shunt, Ventriculoperitoneal, Posterior, Right
					Placement, Shunt, Ventriculoperitoneal, Right
					Placement, Shunt, Ventriculoperitoneal, Temporal Horn, Left
					Placement, Ventriculoperitoneal Shunt, Frontal, Right
					Placement, Ventriculoperitoneal Shunt, Frontal, Right and Left, Occipitotemporal, Right with 2 PS Medium Pressure Valves
					Placement, Ventriculoperitoneal Shunt, Transtemporal, Right
					Shunt with High Pressure Valve, Ventriculoperitoneal
					Shunt with Low Pressure Valve and Reservoir for Intraventricular Injection, Ventriculoperitoneal
Ventricl Shuntabdomen; Ventricl Shuntabdomen	02.34	02.34			Placement, Shunt, Subdural to Peritoneal, Bilateral
					Placement, Shunt, Ventriculoperitoneal of Temporal Horn, Left and Frontal Ventricle, Right
					Placement, Shunt, Ventriculoperitoneal, Bilateral
					Placement, Shunt, Ventriculoperitoneal, Frontal, Bilateral
Ventricl Shunthead/Neck; Peritoneal Incision	02.31	54.95			Revision, Shunt, Subdural-Peritoneal
Ventricl Shuntthorax	02.33				Conversion, Shunt, Ventriculoperitoneal to Ventriculopleural, Left
Ventriculostomy (End 2010)	02.2				Implantation, Rickham Reservoir, Suprasellar Region, Left
					Implantation, Rickham Reservoir, Suprasellar, Right
					Insertion, Ommaya Reservoir, Bilateral
					Insertion, Ommaya Reservoir
					Insertion, Ommaya Reservoir, L4 Rib
					Insertion, Ventricular Catheter, Lateral, Right
Vessel Operation Nec	39.99				Radiofrequency Perforation, Porto-Portal
					Reconstruction, Microvascular, Midface
					Removal, Filter, Inferior Vena Cava
Vessel Operation Nec; Inj Infus Thrombolytic Agent (Begin 1998)	39.99	99.10			Dilatation with Thrombolysis, Jugular Vein, Right
					Dilatation with Thrombolysis, Subclavian Vein, Left
					Dilatation with Thrombolysis, Subclavian Vein, Right
					Dilation with Thrombolysis, Superior Vena Cava
Vitreous Operation Nec; Vitreous Operation Nec	14.79	14.79			Implantation, Drug Delivery Device (Vitraser), Eye, Bilateral
Vocal Cordectomy	30.22				Cordectomy, Laser, Vocal Cord, Posterior
Vulvar Adhesiolysis	71.01				Lysis, Adhesions, Labia

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Vulvar Biopsy	71.11				Biopsy, Excisional, Nodule, Mons Pubis
					Biopsy, Lesion, Labia
					Biopsy, Lesion, Labia Majora, Left
					Biopsy, Lesion, Vulva
					Biopsy, Perineum
Vulvar/Perin Repair Nec	71.79				Labiaplasty
					Reconstruction, Vaginal Introitus
Vulvar/Perin Repair Nec; Free Skin Graft Nos	71.79	86.60			Reconstruction, Perineum, with Skin Flap, Buttock, Right
Vulvar/Perin Repair Nec; Vaginal Repair Nec	71.79	70.79			Vulvovaginoplasty, Modified William's
Wedge Osteotomy Nec	77.29				Osteotomy, Triple, Innominate with Open Reduction of Hip, Right
Wide Exc Bony Palate Les; Excision Of Mouth Nec	27.32	27.49			Excision, Wide, Mass, Palate, Left
Wide Exc Bony Palate Les; Excision Of Mouth Nec; Submuc Nasal Sept Resect	27.32	27.49	21.5		Resection, Wide with Debridement, Palate, Soft and Hard and Nasal Septum, Posterior
Wound Debridement(Begin 1980)	86.22				Debridement and Irrigation, Wound, Elbow
					Debridement, Excisional, Wound, Scalp
					Debridement, Excisional, Wound, Scalp, Right
					Debridement, Surgical, Necrotic Tissue, Wound, Ankle, Left
					Debridement, Surgical, Necrotic Tissue, Wound, Face, Right
					Debridement, Surgical, Necrotic Tissue, Wound, Lower Leg, Left
					Debridement, Full Thickness Skin, Arm, Right
					Excision, Small Open Wound, Lower Leg, Left
					Irrigation and Debridement, Wound Dehiscence, Spinal
Wound Debridement(Begin 1980); Incision Of Chest Wall	86.22	34.01			Debridement and Irrigation, Wound, Anterior Thoracotomy
Wound Debridement(Begin 1980); Muscle Or Fascia Graft	86.22	83.82			Debridement, Skin Graft to Open Wound with Gastrocnemius Flap Coverage, Knee Region, Right

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988)	86.22	86.28			Debridement and Curettage, Lesion, Forearm, Right
					Debridement and Irrigation, Craniectomy Wound, Posterior Fossa
					Debridement and Irrigation, Index Finger, Left
					Debridement and Irrigation, Wound, Groin, Left
					Debridement and Irrigation, Wound, Popliteal Region, Left
					Debridement and Irrigation, Wound, Posterior Fossa
					Debridement and Irrigation, Wound, Temporal, Right
					Debridement and Irrigation, Wound, Thigh, Right
					Debridement, Above Knee Amputation Stump, Right
					Debridement, Burn Wounds, Chest, Abdomen, Thigh, Arm, Right
					Debridement, Hickman Line Tract, Right
					Debridement, Infected Wound, Chest Wall, Right
					Debridement, Laceration, Heel, Left
					Debridement, Plantar Keratosis, Foot, Right
					Debridement, Skin, Whole Body
					Debridement, Thigh, Right
					Debridement, Tissue, Skull, Left
					Debridement, Ulcer, Thigh, Left
					Debridement, Wound
					Debridement, Wound, Abdomen
					Debridement, Wound, Arm, Upper, Left
					Debridement, Wound, Back, Left
					Debridement, Wound, Chest, Left
					Debridement, Wound, Forearm, Left
					Debridement, Wound, Forearm, Right
					Debridement, Wound, Temporal Scalp, Right
					Debridement, Wound, Thoracic
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988); Destructknee Lesion Nec	86.22	86.28	80.86		Debridement, Wound, Popliteal Fossa, Right
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988); Local Vulvar Excis Nec	86.22	86.28	71.3		Debridement and Irrigation, Wound, Vagina and Perineum

**Abstracted Surgical Procedures within Assigned ICD-9-CM Procedure Descriptions of Assigned ICD-9-CM  
Procedure Codes  
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ICD-9-CM Procedure Description (hcup)	ICD9_1	ICD9_2	ICD9_3	ICD9_4	Abstracted Procedure
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988); Other Craniectomy	86.22	86.28	01.25		Debridement, Scalp and Skull
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988); Skin Suture Nec	86.22	86.28	86.59		Debridement and Reclosure, Wound, Suboccipital
Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988); Wound Debridement(Begin 1980); Nonexcis Debridement Wnd(Begin 1988)	86.22	86.28	86.22	86.28	Debridement, Laceration, Scalp, Left and Face, Right
					Debridement, Stasis Ulcer, Lower Legs, Bilateral
					Debridement, Upper and Lower Extremities, Left
Wound Debridement(Begin 1980); Pedicle Graft Advancemen	86.22	86.72			Debridement with Advancement Flap Closure, Wound, Lower Leg, Left
Wound Debridement(Begin 1980); Pedicle Graft/Flap Nos	86.22	86.70			Debridement with Advancement Flap Closure, Wound, Lower Leg, Right
Wound Debridement(Begin 1980); Skin Suture Nec	86.22	86.59			Escharectomy with Repair, Wound Dehiscence, Calf, Right
Wound Irrigation Nec	96.59				Irrigation, Laceration, Heel, Left
					Irrigation, Pelvic
					Irrigation, Wound
					Irrigation, Wound, Leg, Right
					Irrigation, Wound, Pelvis, Left
					Irrigation, Wound, Perineal
Wound Irrigation Nec; Nonexcis Debridement Wnd(Begin 1988)	96.59	86.28			Irrigation and Debridement, Wound, Abdominopelvic, Right
Wound Irrigation Nec; Wound Debridement(Begin 1980)	96.59	86.22			Irrigation and Debridement, Wound, Tibia, Left
Wrist Structure Division	80.43				Release, Contracture, Wrist



**Abstracted Radiation Sources within Abstracted Radiation Therapy Types  
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<b>Radiation Therapy Type (radtype)</b>	<b>Source of Radiation (sourcetype)</b>
Brachytherapy	I-125
	Implant
	Ir-192
	Linear Acceleration
Conformal	Electron
	Linear Acceleration
	Proton
Conventional	
	Cobalt 60
	Electron
	Linear Acceleration
FxSRS	Gamma knife
	Linear Acceleration
IMRT	Linear Acceleration
Intracavitary	Implant
	P32
Proton	Proton
Radiosurgery	
	Gamma knife
	Linear Acceleration

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
Axilla	Axilla (Radiation)
	Axilla, Bilateral (Radiation)
	Axilla, Left (Radiation)
	Axilla, Posterior, Bilateral (Radiation)
	Axilla, Right (Radiation)
	Mediastinum/Axillary (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	Upper Arm/Axilla, Left (Radiation)
Bladder	Bladder (Radiation)
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
Cervical_neck	Anterior Neck/Supraclavicular (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Cervical (Radiation)
	Cervical Lymph Nodes, Left (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Face/Neck, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Neck / Right Chest (Radiation)
	Neck, Anterior (Radiation)
	Neck, Anterior, Right (Radiation)
	Neck, Bilateral (Radiation)
	Neck, Lateral (Radiation)
	Neck, Left (Radiation)
	Neck, Left, Upper (Radiation)
	Neck, Left/Nasopharynx
	Neck, Low (Radiation)
	Neck, Posterior (Radiation)
	Neck, Posterior, Left (Radiation)
	Neck, Posterior, Right (Radiation)
	Neck, Right (Radiation)
	Neck, Right, Upper (Radiation)
	Neck, Upper (Radiation)
	Neck, Upper Posterior, Right (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Supraclavicular (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Preauricular/Neck, Left (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Neck, Right (Radiation)
	Tumor Bed, Thyroid (Radiation)
Chest	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Inferior Vena Cava (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Lung (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Neck / Right Chest (Radiation)
	Parascapular Region, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Parascapular region, Right (Radiation)
	Pleura, Right (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
Cranial	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Clivus (Radiation)
	Cranio-Spinal (Radiation)
	Cranium
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)
	Cranium, off globe (Radiation)
	Cribiform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Facial/Base of Skull (Radiation)
	Falx Cerebri (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Forehead, Left (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hypothalamus (Radiation)
	Infundibulum (Radiation)
	Jugular Foramen, Right (Radiation)
	Lateral Ventricle (Radiation)
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Meckel's Cave, Left (Radiation)
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Fossa, Left (Radiation)
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)
	Orbitofrontal Region (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Periventricular and/or Ventricular (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pontomedullary (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Prepontine (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)
	Scalp, Posterior, Left (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Sphenoid Sinus (Radiation)
	Superior Sagittal Sinus (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)
	Tumor Bed, Parietal Lobe, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions**  
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Region Variables	Radiation Site (site)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
Ear_infratemporal	Ear, Left (Radiation)
	Ear, Right (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Infratemporal Fossa, Bilateral (Radiation)
	Infratemporal Fossa, Left (Radiation)
	Infratemporal Fossa, Right (Radiation)
	Infratentorial Brain (Radiation)
	Mastoid, Left (Radiation)
	Mastoid/Parotid (Radiation)
	Middle Ear, Right (Radiation)
	Middle ear, Left (Radiation)
	Petromastoid Region, Right (Radiation)
	Postauricular, Left (Radiation)
	Preauricular (Radiation)
	Preauricular, Left (Radiation)
	Preauricular/Neck, Left (Radiation)
	Pterygopalatine Fossa (Radiation)
Femoral	Ilio-femoral (Radiation)
	Pelvis/Thigh, Left (Radiation)
Hepatic	Abdomen/Liver (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Porta-hepatis (Radiation)
Iliac	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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Region Variables	Radiation Site (site)
	Para-aortic/pelvis (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Sacroiliac Region (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
Inguinal	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Inguinal Area, Bilateral (Radiation)
	Inguinal Area, Left (Radiation)
	Inguinal Area, Right (Radiation)
	Inguinal area, Anterior (Radiation)
	Inguinal, Left/Femur, Upper (Radiation)
	Inguinal/Femoral, Bilateral (Radiation)
	Inguinal/Femoral, Right (Radiation)
	Para-aortic/pelvis (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
Invertedy	Inverted Y (Radiation)
	Modified Inverted Y (Radiation)
Leftthemiabdomen	Abdomen, Left (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Hemi-Abdomen, Left (Radiation)
Leftupperquadrant	Abdomen, Upper, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraaortic (Radiation)
Lowerextremity	Ankle, Left (Radiation)
	Ankle, Right (Radiation)
	Calcaneus, Right (Radiation)
	Calf, Posterior, Left (Radiation)
	Calf, Posterior, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Femur, Distal, Left (Radiation)
	Femur, Distal, Right (Radiation)
	Femur, Left (Radiation)
	Femur, Lower, Left (Radiation)
	Femur, Right (Radiation)
	Femur, Upper, Left (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Fibula, Right (Radiation)
	Fibula/Tibia, Distal, Right (Radiation)
	Fibula/tibia, Lower Two Thirds, Left (Radiation)
	Fibula/tibia, Lower, Left (Radiation)
	Fibula/tibia, Upper Third, Left (Radiation)
	Fibula/tibia, Upper, Left (Radiation)
	Foot, Left (Radiation)
	Foot, Right (Radiation)
	Knee, Left (Radiation)
	Knee, Right (Radiation)
	Leg, Lower, Left (Radiation)
	Leg, Lower, Right (Radiation)
	Leg, Right (Radiation)
	Leg, Upper, Right (Radiation)
	Popliteal Fossa, Left (Radiation)
	Popliteal Fossa, Right (Radiation)
	Thigh, Anterior, Left (Radiation)
	Thigh, Distal, Right (Radiation)
	Thigh, Left (Radiation)
	Thigh, Posterior, Right (Radiation)
	Thigh, Proximal, Left (Radiation)
	Thigh, Right (Radiation)
	Tibia, Left (Radiation)
	Tibia, Proximal, Right (Radiation)
	Tibia, Right (Radiation)
	Tibia, Upper, Right (Radiation)
	Tibia/Fibula, Proximal, Right (Radiation)
Mantle	Mantle (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
Mediastinal	Abdomen/Mediastinum (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Epicardial Node (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Paratracheal (Radiation)
	Pericardium (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
Minimantle	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
Nasopharyngeal	Cheek, Left (Radiation)
	Cheek, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cranial Nerve(s), Lower, Left (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)
	Hemi-mandible, Right (Radiation)
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Nasal Cavity, Anterior (Radiation)
	Nasal Cavity, Right (Radiation)
	Nasal Cavity/Paranasal Sinus, Left (Radiation)
	Nasal Vestibule, Left (Radiation)
	Nasal, Ala, Left (Radiation)
	Nasal/Right Maxillary (Radiation)
	Nasolabial Region, Right (Radiation)
	Nasopharynx (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Nasopharynx/Upper Neck (Radiation)
	Neck, Left/Nasopharynx
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Soft Palate (Radiation)
	Tonsil and Epiglottis, Left (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Zygomatic, Left (Radiation)
Orbital_eye	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Eye, Bilateral (Radiation)
	Eye, Inferior Oblique, Right (Radiation)
	Eye, Left (Radiation)
	Eye, Right (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Head/Neck/Nasopharynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Nasolabial Region, Right (Radiation)
	Orbit, Anterior, Bilateral (Radiation)
	Orbit, Anterior, Right (Radiation)
	Orbit, Bilateral (Radiation)
	Orbit, Left (Radiation)
	Orbit, Right (Radiation)
	Orbitofrontal Region (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Zygomatic, Left (Radiation)
Oropharyngeal	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Chin (Radiation)
	Cranial Nerve(s), Lower, Left (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)
	Hemi-mandible, Right (Radiation)
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Mandible (Radiation)
	Mandible, Left (Radiation)
	Mandible, Right (Radiation)
	Mastoid/Parotid (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Nasolabial Region, Right (Radiation)
	Oral Cavity (Radiation)
	Oropharynx (Radiation)
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Soft Palate (Radiation)
	Submandibular (Radiation)
	Submandibular, Left (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Tongue (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Zygomatic, Left (Radiation)
Pancreas	Tumor Bed, Pancreas (Radiation)
Paraaortic	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Para-aortic/pelvis (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Tumor Bed, Adrenal/Paraortic, Right (Radiation)
	Upper Abdomen/Paraortic (Radiation)
Pelvic	Abdomen, Lower Right (Radiation)
	Abdominal Wall, Lower, Left (Radiation)
	Acetabulum, Right (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
	Buttock, Right (Radiation)
	Coccyx/Pelvis (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Gluteal Region, Left (Radiation)
	Hemi-Pelvis, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Ischium, Left (Radiation)
	Lower Abdomen/Lumbar Region (Radiation)
	Parametrium (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate/Pelvis (Radiation)
	Pubic Bone, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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Region Variables	Radiation Site (site)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Sacroiliac Region (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Vagina (Radiation)
Potential_abdomen	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Upper, Left (Radiation)
	Abdomen, Upper, Right (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Liver (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Right (Radiation)
	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)
	Adrenal, Right (Radiation)
	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Inverted Y (Radiation)
	Kidney, Bilateral (Radiation)
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Lumbar Spine, L3 to L5 (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mesentery (Radiation)
	Modified Inverted Y (Radiation)
	Para-aortic/pelvis (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Paradorsal, Upper, Left (Radiation)
	Paralumbar (Radiation)
	Paraspinal (Radiation)
	Paraspinal, L2 (Radiation)
	Paraspinal, Left (radiation)
	Paraspinal, Right (Radiation)
	Paravertebral, Left (Radiation)
	Porta-hepatis (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C7-T7 (Radiation)
	Spine, L1 (Radiation)
	Spine, L2-L3 (Radiation)
	Spine, L2-L4 (Radiation)
	Spine, L2-L5 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5 (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Lumbar (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, Middle (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thoracoabdominal (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Thorax, Posterior (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Adrenal/Paraaortic, Right (Radiation)
	Tumor Bed, Pancreas (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraaortic (Radiation)
	Vertebra, Lumbar, L1 (Radiation)
	Vertebra, Lumbar, L4 (Radiation)
	Vertebra, Lumbar, L5 (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
Potential_brain	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Clivus (Radiation)
	Cranial Nerve(s), Lower, Left (Radiation)
	Cranio-Spinal (Radiation)
	Cranium
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)
	Cranium, off globe (Radiation)
	Cribriform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Ear, Left (Radiation)
	Ear, Right (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Eye, Bilateral (Radiation)
	Eye, Inferior Oblique, Right (Radiation)
	Eye, Left (Radiation)
	Eye, Right (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Falx Cerebri (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Forehead, Left (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)
	Hemi-mandible, Right (Radiation)
	Hypothalamus (Radiation)
	Infratemporal Fossa, Bilateral (Radiation)
	Infratemporal Fossa, Left (Radiation)
	Infratemporal Fossa, Right (Radiation)
	Infratentorial Brain (Radiation)
	Infundibulum (Radiation)
	Jugular Foramen, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Lateral Ventricle (Radiation)
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Mastoid, Left (Radiation)
	Mastoid/Parotid (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Meckel's Cave, Left (Radiation)
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Ear, Right (Radiation)
	Middle Fossa, Left (Radiation)
	Middle ear, Left (Radiation)
	Nasal Cavity, Anterior (Radiation)
	Nasal Cavity, Right (Radiation)
	Nasal Cavity/Paranasal Sinus, Left (Radiation)
	Nasal Vestibule, Left (Radiation)
	Nasal, Ala, Left (Radiation)
	Nasal/Right Maxillary (Radiation)
	Nasolabial Region, Right (Radiation)
	Nasopharynx (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck, Left/Nasopharynx
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)
	Orbit, Anterior, Bilateral (Radiation)
	Orbit, Anterior, Right (Radiation)
	Orbit, Bilateral (Radiation)
	Orbit, Left (Radiation)
	Orbit, Right (Radiation)
	Orbitofrontal Region (Radiation)
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Periventricular and/or Ventricular (Radiation)
	Petromastoid Region, Right (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pontomedullary (Radiation)
	Postauricular, Left (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Preauricular (Radiation)
	Preauricular, Left (Radiation)
	Preauricular/Neck, Left (Radiation)
	Prepontine (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Pterygopalatine Fossa (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)
	Scalp, Posterior, Left (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Soft Palate (Radiation)
	Sphenoid Sinus (Radiation)
	Superior Sagittal Sinus (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Tonsil and Epiglottis, Left (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Parietal Lobe, Right (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
	Waldeyer's (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Waldeyer's, Lower (Radiation)
	Zygomatic, Left (Radiation)
Potential_breast	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Axilla (Radiation)
	Axilla, Bilateral (Radiation)
	Axilla, Left (Radiation)
	Axilla, Posterior, Bilateral (Radiation)
	Axilla, Right (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Epicardial Node (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Inferior Vena Cava (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Neck / Right Chest (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)
	Paratracheal (Radiation)
	Pericardium (Radiation)
	Pleura, Right (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Arm/Axilla, Left (Radiation)
Potential_chest	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Upper, Left (Radiation)
	Abdomen, Upper, Right (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Liver (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)
	Adrenal, Right (Radiation)
	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Axilla (Radiation)
	Axilla, Bilateral (Radiation)
	Axilla, Left (Radiation)
	Axilla, Posterior, Bilateral (Radiation)
	Axilla, Right (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Epicardial Node (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Inferior Vena Cava (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Inverted Y (Radiation)
	Kidney, Bilateral (Radiation)
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Mesentery (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Modified Inverted Y (Radiation)
	Neck / Right Chest (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Neck/Upper Mediastinum (Radiation)
	Para-aortic/pelvis (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)
	Paratracheal (Radiation)
	Pericardium (Radiation)
	Pleura, Right (Radiation)
	Porta-hepatis (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Middle (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Supraclavicular/Axilla, Right (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Supraclavicular/Axillary, Left (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Adrenal/Paraaortic, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Tumor Bed, Pancreas (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraaortic (Radiation)
	Upper Arm/Axilla, Left (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
Potential_ear	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Clivus (Radiation)
	Cranial Nerve(s), Lower, Left (Radiation)
	Cranio-Spinal (Radiation)
	Cranium
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)
	Cranium, off globe (Radiation)
	Cribiform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Ear, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Ear, Right (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Falx Cerebri (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Hemi-mandible, Right (Radiation)
	Hypothalamus (Radiation)
	Infratemporal Fossa, Bilateral (Radiation)
	Infratemporal Fossa, Left (Radiation)
	Infratemporal Fossa, Right (Radiation)
	Infratentorial Brain (Radiation)
	Infundibulum (Radiation)
	Jugular Foramen, Right (Radiation)
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Lateral Ventricle (Radiation)
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Mastoid, Left (Radiation)
	Mastoid/Parotid (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Meckel's Cave, Left (Radiation)
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Ear, Right (Radiation)
	Middle Fossa, Left (Radiation)
	Middle ear, Left (Radiation)
	Nasal Cavity, Anterior (Radiation)
	Nasal Cavity, Right (Radiation)
	Nasal Cavity/Paranasal Sinus, Left (Radiation)
	Nasal Vestibule, Left (Radiation)
	Nasal, Ala, Left (Radiation)
	Nasal/Right Maxillary (Radiation)
	Nasolabial Region, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Nasopharynx (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck, Left/Nasopharynx
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)
	Orbitofrontal Region (Radiation)
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Periventricular and/or Ventricular (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Petromastoid Region, Right (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pontomedullary (Radiation)
	Postauricular, Left (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Preauricular (Radiation)
	Preauricular, Left (Radiation)
	Preauricular/Neck, Left (Radiation)
	Prepontine (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Pterygopalatine Fossa (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)
	Scalp, Posterior, Left (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Soft Palate (Radiation)
	Sphenoid Sinus (Radiation)
	Superior Sagittal Sinus (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Tonsil and Epiglottis, Left (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Parietal Lobe, Right (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
	Waldeyer's (Radiation)
	Waldeyer's, Lower (Radiation)
	Zygomatic, Left (Radiation)
Potential_eye	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Clivus (Radiation)
	Cranio-Spinal (Radiation)
	Cranium



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)
	Cranium, off globe (Radiation)
	Cribriform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Eye, Bilateral (Radiation)
	Eye, Inferior Oblique, Right (Radiation)
	Eye, Left (Radiation)
	Eye, Right (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Falx Cerebri (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hypothalamus (Radiation)
	Infundibulum (Radiation)
	Jugular Foramen, Right (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Lateral Ventricle (Radiation)
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Meckel's Cave, Left (Radiation)
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Fossa, Left (Radiation)
	Nasolabial Region, Right (Radiation)
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Orbit, Anterior, Bilateral (Radiation)
	Orbit, Anterior, Right (Radiation)
	Orbit, Bilateral (Radiation)
	Orbit, Left (Radiation)
	Orbit, Right (Radiation)
	Orbitofrontal Region (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Periventricular and/or Ventricular (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pontomedullary (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Prepontine (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)
	Scalp, Posterior, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Sphenoid Sinus (Radiation)
	Superior Sagittal Sinus (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Tumor Bed, Parietal Lobe, Right (Radiation)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
	Zygomatic, Left (Radiation)
Potential_female	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Lower Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Lower, Left (Radiation)
	Abdominal Wall, Right (Radiation)
	Acetabulum, Right (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Bladder (Radiation)
	Bladder/Pelvis (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Bladder/Pelvis Tumor Bed (Radiation)
	Buttock, Right (Radiation)
	Cauda Equina (Radiation)
	Coccyx/Pelvis (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Gluteal Region, Left (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-Pelvis, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Inverted Y (Radiation)
	Ischium, Left (Radiation)
	L5-Sacrum (Radiation)
	Labia, Left (Radiation)
	Lower Abdomen/Lumbar Region (Radiation)
	Lumbar Spine, L3 to L5 (Radiation)
	Mesentery (Radiation)
	Modified Inverted Y (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Para-aortic/pelvis (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paralumbar (Radiation)
	Parametrium (Radiation)
	Paraspinal (Radiation)
	Paraspinal, L2 (Radiation)
	Paraspinal, Left (radiation)
	Paraspinal, Right (Radiation)
	Paravertebral, Left (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate/Pelvis (Radiation)
	Pubic Bone, Left (Radiation)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Sacroiliac Region (Radiation)
	Sacrum (Radiation)
	Sacrum, Right (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Spine (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, L1 (Radiation)
	Spine, L2-L3 (Radiation)
	Spine, L2-L4 (Radiation)
	Spine, L2-L5 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5 (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Lumbar (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, Sacral (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, Thoracolumbar (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracoabdominal (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Tumor Bed, Sacrum (Radiation)
	Vagina (Radiation)
	Vertebra, Lumbar, L1 (Radiation)
	Vertebra, Lumbar, L4 (Radiation)
	Vertebra, Lumbar, L5 (Radiation)
Potential_gihepatic	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Upper, Left (Radiation)
	Abdomen, Upper, Right (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Liver (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Right (Radiation)
	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)
	Adrenal, Right (Radiation)
	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Anterior Neck/Supraclavicular (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	C2-Thecal Sac (Radiation)
	C7-Thecal Sac (Radiation)
	Cervical (Radiation)
	Cervical Lymph Nodes, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Clavicle, Left (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Epicardial Node (Radiation)
	Face/Neck, Right (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-Abdomen (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Inferior Vena Cava (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Inverted Y (Radiation)
	Kidney, Bilateral (Radiation)
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Lower Anterior Neck/Supraclavicular (Radiation)
	Lower Anterior Neck/Supraclavicular, Right (Radiation)
	Lower Neck/Supraclavicular, Left (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Lymph Node, Supraclavicular, Low, Bilateral (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Mesentery (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Modified Inverted Y (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck (Radiation)
	Neck / Right Chest (Radiation)
	Neck, Anterior (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Neck, Anterior, Right (Radiation)
	Neck, Bilateral (Radiation)
	Neck, Lateral (Radiation)
	Neck, Left (Radiation)
	Neck, Left, Upper (Radiation)
	Neck, Left/Nasopharynx
	Neck, Low (Radiation)
	Neck, Posterior (Radiation)
	Neck, Posterior, Left (Radiation)
	Neck, Posterior, Right (Radiation)
	Neck, Right (Radiation)
	Neck, Right, Upper (Radiation)
	Neck, Upper (Radiation)
	Neck, Upper Posterior, Right (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Supraclavicular (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Para-aortic/pelvis (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)
	Paratracheal (Radiation)
	Pericardium (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Pleura, Right (Radiation)
	Porta-hepatis (Radiation)
	Preauricular/Neck, Left (Radiation)
	Pterygopalatine Fossa (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1 (Radiation)
	Spine, C1-C2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-C3 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-C4 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C4-C7 (Radiation)
	Spine, C5-C6 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C6 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Cervical (Radiation)
	Spine, Cervical, Upper (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Middle (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Supraclavicular (Radiation)
	Supraclavicular Fossa, Left (Radiation)
	Supraclavicular, Bilateral (Radiation)
	Supraclavicular, Left (Radiation)
	Supraclavicular, Right (Radiation)
	Supraclavicular/Axilla, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Supraclavicular/Axillary, Left (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Adrenal/Paraortic, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Neck, Right (Radiation)
	Tumor Bed, Pancreas (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Tumor Bed, Thyroid (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraortic (Radiation)
	Vertebra, Cervical, C7 (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
Potential_lung	Abdomen, Left and Lungs, Bilateral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Axilla (Radiation)
	Axilla, Bilateral (Radiation)
	Axilla, Left (Radiation)
	Axilla, Posterior, Bilateral (Radiation)
	Axilla, Right (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Epicardial Node (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Inferior Vena Cava (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Mini-mantle (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Mini-mantle, Modified (Radiation)
	Neck / Right Chest (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)
	Paratracheal (Radiation)
	Pericardium (Radiation)
	Pleura, Right (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Arm/Axilla, Left (Radiation)
Potential_male	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Lower Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Lower, Left (Radiation)
	Abdominal Wall, Right (Radiation)
	Acetabulum, Right (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Bladder (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
	Buttock, Right (Radiation)
	Coccyx/Pelvis (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Gluteal Region, Left (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-Pelvis, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Inguinal Area, Bilateral (Radiation)
	Inguinal Area, Left (Radiation)
	Inguinal Area, Right (Radiation)
	Inguinal area, Anterior (Radiation)
	Inguinal, Left/Femur, Upper (Radiation)
	Inguinal/Femoral, Bilateral (Radiation)
	Inguinal/Femoral, Right (Radiation)
	Inverted Y (Radiation)
	Ischium, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lower Abdomen/Lumbar Region (Radiation)
	Mesentery (Radiation)
	Modified Inverted Y (Radiation)
	Para-aortic/pelvis (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Parametrium (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Perivesicular Tumor Bed (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate (Radiation)
	Prostate/Pelvis (Radiation)
	Prostate/Proximal Seminal Vesicles (Radiation)
	Pubic Bone, Left (Radiation)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Sacroiliac Region (Radiation)
	Scrotum (Radiation)
	Scrotum, Right (Radiation)
	Testes (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Testicular/Suprapubic (Radiation)
	Testis, Left (Radiation)
	Testis, Right (Radiation)
	Thoracoabdominal (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Vagina (Radiation)
Potential_muscle	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Lower Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Upper, Left (Radiation)
	Abdomen, Upper, Right (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Liver (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Lower, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Abdominal Wall, Right (Radiation)
	Acetabulum, Right (Radiation)
	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)
	Adrenal, Right (Radiation)
	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Ankle, Left (Radiation)
	Ankle, Right (Radiation)
	Antecubital, Left (Radiation)
	Anterior Neck/Supraclavicular (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Arm, Left (Radiation)
	Arm, Right (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Axilla (Radiation)
	Axilla, Bilateral (Radiation)
	Axilla, Left (Radiation)
	Axilla, Posterior, Bilateral (Radiation)
	Axilla, Right (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Bladder (Radiation)
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	Buttock, Right (Radiation)
	C2-Thecal Sac (Radiation)
	C7-Thecal Sac (Radiation)
	Calcaneus, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Calf, Posterior, Left (Radiation)
	Calf, Posterior, Right (Radiation)
	Cauda Equina (Radiation)
	Cervical (Radiation)
	Cervical Lymph Nodes, Left (Radiation)
	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Clavicle, Left (Radiation)
	Coccyx/Pelvis (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Elbow, Right (Radiation)
	Epicardial Node (Radiation)
	Epitrochlear Lymph Node, Left (Radiation)
	Epitrochlear Lymph Node, Right (Radiation)
	Epitrochlear, Bilateral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Face/Neck, Right (Radiation)
	Femur, Distal, Left (Radiation)
	Femur, Distal, Right (Radiation)
	Femur, Left (Radiation)
	Femur, Lower, Left (Radiation)
	Femur, Right (Radiation)
	Femur, Upper, Left (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Fibula, Right (Radiation)
	Fibula/Tibia, Distal, Right (Radiation)
	Fibula/tibia, Lower Two Thirds, Left (Radiation)
	Fibula/tibia, Lower, Left (Radiation)
	Fibula/tibia, Upper Third, Left (Radiation)
	Fibula/tibia, Upper, Left (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Foot, Left (Radiation)
	Foot, Right (Radiation)
	Forearm, Left (Radiation)
	Forearm, Right (Radiation)
	Gluteal Region, Left (Radiation)
	Hand, Left (Radiation)
	Hand, Right (Radiation)
	Hand/Wrist, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Hemi-Pelvis, Right (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Humerus, Distal, Left (Radiation)
	Humerus, Left (Radiation)
	Humerus, Mid, Right (Radiation)
	Humerus, Proximal, Left (Radiation)
	Humerus, Proximal, Right (Radiation)
	Humerus, Right (Radiation)
	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Inferior Vena Cava (Radiation)
	Inguinal Area, Bilateral (Radiation)
	Inguinal Area, Left (Radiation)
	Inguinal Area, Right (Radiation)
	Inguinal area, Anterior (Radiation)
	Inguinal, Left/Femur, Upper (Radiation)
	Inguinal/Femoral, Bilateral (Radiation)
	Inguinal/Femoral, Right (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Inverted Y (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Ischium, Left (Radiation)
	Kidney, Bilateral (Radiation)
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	Knee, Left (Radiation)
	Knee, Right (Radiation)
	L5-Sacrum (Radiation)
	Labia, Left (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Leg, Lower, Left (Radiation)
	Leg, Lower, Right (Radiation)
	Leg, Right (Radiation)
	Leg, Upper, Right (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Lower Abdomen/Lumbar Region (Radiation)
	Lower Anterior Neck/Supraclavicular (Radiation)
	Lower Anterior Neck/Supraclavicular, Right (Radiation)
	Lower Neck/Supraclavicular, Left (Radiation)
	Lumbar Spine, L3 to L5 (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Lymph Node, Supraclavicular, Low, Bilateral (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)
	Mesentery (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Modified Inverted Y (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck (Radiation)
	Neck / Right Chest (Radiation)
	Neck, Anterior (Radiation)
	Neck, Anterior, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Neck, Bilateral (Radiation)
	Neck, Lateral (Radiation)
	Neck, Left (Radiation)
	Neck, Left, Upper (Radiation)
	Neck, Left/Nasopharynx
	Neck, Low (Radiation)
	Neck, Posterior (Radiation)
	Neck, Posterior, Left (Radiation)
	Neck, Posterior, Right (Radiation)
	Neck, Right (Radiation)
	Neck, Right, Upper (Radiation)
	Neck, Upper (Radiation)
	Neck, Upper Posterior, Right (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Supraclavicular (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Palm, Left (Radiation)
	Para-aortic/pelvis (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Paralumbar (Radiation)
	Parametrium (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Paraspinal (Radiation)
	Paraspinal, L2 (Radiation)
	Paraspinal, Left (radiation)
	Paraspinal, Right (Radiation)
	Paratracheal (Radiation)
	Paravertebral, Left (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Pericardium (Radiation)
	Pleura, Right (Radiation)
	Popliteal Fossa, Left (Radiation)
	Popliteal Fossa, Right (Radiation)
	Porta-hepatis (Radiation)
	Preauricular/Neck, Left (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate (Radiation)
	Prostate/Pelvis (Radiation)
	Prostate/Proximal Seminal Vesicles (Radiation)
	Pterygopalatine Fossa (Radiation)
	Pubic Bone, Left (Radiation)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Ring Finger, Right (Radiation)
	Sacroiliac Region (Radiation)
	Sacrum (Radiation)
	Sacrum, Right (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1 (Radiation)
	Spine, C1-C2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-C3 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-C4 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C4-C7 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C5-C6 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C6 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11 (Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Cervical (Radiation)
	Spine, Cervical, Upper (Radiation)
	Spine, L1 (Radiation)
	Spine, L2-L3 (Radiation)
	Spine, L2-L4 (Radiation)
	Spine, L2-L5 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5 (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Lumbar (Radiation)
	Spine, Lumbosacral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, Middle (Radiation)
	Spine, Sacral (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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Region Variables	Radiation Site (site)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Supraclavicular (Radiation)
	Supraclavicular Fossa, Left (Radiation)
	Supraclavicular, Bilateral (Radiation)
	Supraclavicular, Left (Radiation)
	Supraclavicular, Right (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thigh, Anterior, Left (Radiation)
	Thigh, Distal, Right (Radiation)
	Thigh, Left (Radiation)
	Thigh, Posterior, Right (Radiation)
	Thigh, Proximal, Left (Radiation)
	Thigh, Right (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Thumb, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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Region Variables	Radiation Site (site)
	Thumb, Right (Radiation)
	Tibia, Left (Radiation)
	Tibia, Proximal, Right (Radiation)
	Tibia, Right (Radiation)
	Tibia, Upper, Right (Radiation)
	Tibia/Fibula, Proximal, Right (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Adrenal/Paraortic, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Neck, Right (Radiation)
	Tumor Bed, Pancreas (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Tumor Bed, Sacrum (Radiation)
	Tumor Bed, Thyroid (Radiation)
	Ulna, Left (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraortic (Radiation)
	Upper Arm, Right (Radiation)
	Upper Arm/Axilla, Left (Radiation)
	Vagina (Radiation)
	Vertebra, Cervical, C7 (Radiation)
	Vertebra, Lumbar, L1 (Radiation)
	Vertebra, Lumbar, L4 (Radiation)
	Vertebra, Lumbar, L5 (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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Region Variables	Radiation Site (site)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
	Wrist, Left (Radiation)
Potential_neckthyroid	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Anterior Neck/Supraclavicular (Radiation)
	Atrium, Right/Inferior Vena Cava (Radiation)
	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	Breast, Bilateral (Radiation)
	Breast, Left (Radiation)
	Breast, Right (Radiation)
	C2-Thecal Sac (Radiation)
	C7-Thecal Sac (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Cervical (Radiation)
	Cervical Lymph Nodes, Left (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Chest (Radiation)
	Chest Wall (Radiation)
	Chest Wall, Anterior, Left (Radiation)
	Chest Wall, Anterior, Right (Radiation)
	Chest Wall, Apex, Right (Radiation)
	Chest Wall, Left (Radiation)
	Chest Wall, Posterior (Radiation)
	Chest Wall, Posterior, Left (Radiation)
	Chest Wall, Posterior, Right (Radiation)
	Chest Wall, Right (Radiation)
	Chest, Left (Radiation)
	Chest, Right (Radiation)
	Chest, Tumor Bed, Left (Radiation)
	Chest, Tumor Bed, Right (Radiation)
	Chest/Mediastinum, Left (Radiation)
	Chin (Radiation)
	Clavicle, Left (Radiation)
	Clivus (Radiation)
	Cranial Nerve(s), Lower, Left (Radiation)
	Cranio-Spinal (Radiation)
	Cranium
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cranium, off globe (Radiation)
	Cribriform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Epicardial Node (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Falx Cerebri (Radiation)
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)
	Hemi-mandible, Right (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hemithorax, Left (Radiation)
	Hemithorax, Right (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Hilum, Left (Radiation)
	Hilum, Right (Radiation)
	Hypothalamus (Radiation)
	Inferior Vena Cava (Radiation)
	Infundibulum (Radiation)
	Internal Mammary Lymphatics (Radiation)
	Jugular Foramen, Right (Radiation)
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Lateral Ventricle (Radiation)
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Lower Anterior Neck/Supraclavicular (Radiation)
	Lower Anterior Neck/Supraclavicular, Right (Radiation)
	Lower Neck/Supraclavicular, Left (Radiation)
	Lung (Radiation)
	Lung, Bilateral (Radiation)
	Lung, Left (Radiation)
	Lung, Lower (Radiation)
	Lung, Lower, Left (Radiation)
	Lung, Lower, Right (Radiation)
	Lung, Middle, Left (Radiation)
	Lung, Middle, Right (Radiation)
	Lung, Outer, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lung, Right (Radiation)
	Lung, Upper (Radiation)
	Lung, Upper, Left (Radiation)
	Lung, Upper, Right (Radiation)
	Lymph Node(s), Internal Mammary, Right (Radiation)
	Lymph Node(s), Supradiaphragmatic (Radiation)
	Lymph Node, Supraclavicular, Low, Bilateral (Radiation)
	Mandible (Radiation)
	Mandible, Left (Radiation)
	Mandible, Right (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastectomy Scar, Breast, Left (Radiation)
	Mastoid/Parotid (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Meckel's Cave, Left (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mediastinum (Radiation)
	Mediastinum, Left (Radiation)
	Mediastinum, Lower (Radiation)
	Mediastinum, Posterior (Radiation)
	Mediastinum, Right (Radiation)
	Mediastinum, Superior (Radiation)
	Mediastinum, Upper (Radiation)
	Mediastinum, Upper, Left (Radiation)
	Mediastinum/Axillary (Radiation)
	Mediastinum/Lower Hemithorax, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Mediastinum/Upper Hemithorax, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Fossa, Left (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Nasal Cavity, Anterior (Radiation)
	Nasal Cavity, Right (Radiation)
	Nasal Cavity/Paranasal Sinus, Left (Radiation)
	Nasal Vestibule, Left (Radiation)
	Nasal, Ala, Left (Radiation)
	Nasal/Right Maxillary (Radiation)
	Nasolabial Region, Right (Radiation)
	Nasopharynx (Radiation)
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck (Radiation)
	Neck / Right Chest (Radiation)
	Neck, Anterior (Radiation)
	Neck, Anterior, Right (Radiation)
	Neck, Bilateral (Radiation)
	Neck, Lateral (Radiation)
	Neck, Left (Radiation)
	Neck, Left, Upper (Radiation)
	Neck, Left/Nasopharynx
	Neck, Low (Radiation)
	Neck, Posterior (Radiation)
	Neck, Posterior, Left (Radiation)
	Neck, Posterior, Right (Radiation)
	Neck, Right (Radiation)
	Neck, Right, Upper (Radiation)
	Neck, Upper (Radiation)
	Neck, Upper Posterior, Right (Radiation)
	Neck/Axilla, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Supraclavicular (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)
	Oral Cavity (Radiation)
	Orbitofrontal Region (Radiation)
	Oropharynx (Radiation)
	Para-mediastinum, Right (Radiation)
	Para-mediastinum, Upper, Left (Radiation)
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parascapular Region, Left (Radiation)
	Parascapular region, Right (Radiation)
	Paratracheal (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Pericardium (Radiation)
	Periventricular and/or Ventricular (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pleura, Right (Radiation)
	Pontomedullary (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Preauricular/Neck, Left (Radiation)
	Prepontine (Radiation)
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Pterygopalatine Fossa (Radiation)
	Rib (Radiation)
	Rib, 2nd, Left (Radiation)
	Rib, 4th, Left (Radiation)
	Rib, 6th, Posterior, Right (Radiation)
	Rib, Right (Radiation)
	Ribs, 8th and 9th, Posterior, Right (Radiation)
	Ribs, Bilateral (Radiation)
	Right Lung/Mediastinum (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Scalp, Posterior, Left (Radiation)
	Scapula, Left (Radiation)
	Scapula, Right (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Shoulder, Left (Radiation)
	Shoulder, Right (Radiation)
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Soft Palate (Radiation)
	Sphenoid Sinus (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1 (Radiation)
	Spine, C1-C2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-C3 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-C4 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C4-C7 (Radiation)
	Spine, C5-C6 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C6 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Cervical (Radiation)
	Spine, Cervical, Upper (Radiation)
	Spine, Upper (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	Sternum, Medial (Radiation)
	Submandibular (Radiation)
	Submandibular, Left (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Superior Sagittal Sinus (Radiation)
	Supraclavicular (Radiation)
	Supraclavicular Fossa, Left (Radiation)
	Supraclavicular, Bilateral (Radiation)
	Supraclavicular, Left (Radiation)
	Supraclavicular, Right (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Thoracoabdominal (Radiation)
	Thorax (Radiation)
	Thorax, Posterior (Radiation)
	Thorax, Posterior and Anterior (Radiation)
	Thorax, Posterior, Right (Radiation)
	Thorax/Mediastinum (Radiation)
	Tongue (Radiation)
	Tonsil and Epiglottis, Left (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, 5th-6th Rib Region, Right (Radiation)
	Tumor Bed, Breast, Bilateral (Radiation)
	Tumor Bed, Breast, Left (Radiation)
	Tumor Bed, Breast, Right (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Neck, Right (Radiation)
	Tumor Bed, Parietal Lobe, Right (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Tumor Bed, Thyroid (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
	Vertebra, Cervical, C7 (Radiation)
	Waldeyer's (Radiation)
	Waldeyer's, Lower (Radiation)
	Zygomatic, Left (Radiation)
Potential_oral	Anterior Neck/Supraclavicular (Radiation)
	Base of Skull (Radiation)
	Base of Skull/Upper Neck (Radiation)
	Base of Skull/Upper Neck, Right (Radiation)
	Brain (Radiation)
	Brainstem (Radiation)
	Brainstem/Cervical Spinal Cord (Radiation)
	Brainstem/Cervical spine, Upper (Radiation)
	Brainstem/Tectal Plate (Radiation)
	Brainstem/Thalamus (Radiation)
	C2-Thecal Sac (Radiation)
	C7-Thecal Sac (Radiation)
	Calvarium (radiation)
	Calvarium, Left (Radiation)
	Cavernous Sinus, Left (Radiation)
	Cavernous Sinus, Right (Radiation)
	Cerebellar Peduncle (Radiation)
	Cerebellar Peduncle, Bilateral (Radiation)
	Cerebellar Peduncle, Left (Radiation)
	Cerebellar Vermis (Radiation)
	Cerebellopontine Angle (Radiation)
	Cerebellopontine Angle, Left (Radiation)
	Cerebellopontine Angle, Right (Radiation)
	Cerebellum (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cerebellum, Left (Radiation)
	Cerebellum, Right (Radiation)
	Cerebral, Right (Radiation)
	Cerebrum (Radiation)
	Cervical (Radiation)
	Cervical Lymph Nodes, Left (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Cheek, Left (Radiation)
	Cheek, Right (Radiation)
	Chin (Radiation)
	Clavicle, Left (Radiation)
	Clivus (Radiation)
	Cranial Nerve(s), Lower, Left (Radiation)
	Cranio-Spinal (Radiation)
	Cranium
	Cranium (Radiation)
	Cranium, Lateral, Left (Radiation)
	Cranium, Multiple Sites (Radiation)
	Cranium, off globe (Radiation)
	Cribiform Plate (Radiation)
	Deep Parietal Region, Left/Thalamus (Radiation)
	Diencephalon (Radiation)
	Ethmoid Region, Right (Radiation)
	Ethmoid Sinus (Radiation)
	Ethmoid Sinus, Anterior (Radiation)
	Ethmoid Sinus, Left (Radiation)
	Face, Anterior, Right (Radiation)
	Face/Neck, Right (Radiation)
	Facial Region, Lateral, Left (Radiation)
	Facial/Base of Skull (Radiation)
	Falx Cerebri (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Fifth Cranial Nerve Region, Right (Radiation)
	Foramen Magnum, Left (Radiation)
	Foramen of Monro, Right (Radiation)
	Fourth Ventricle (Radiation)
	Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)
	Fourth Ventricle/Infundibulum (Radiation)
	Frontal Lobe (Radiation)
	Frontal Lobe, Bilateral (Radiation)
	Frontal Lobe, Left (Radiation)
	Frontal Lobe, Left, Anterior (Radiation)
	Frontal Lobe, Left, Posterior (Radiation)
	Frontal Lobe, Right (Radiation)
	Frontal Region, Anterior, Right (Radiation)
	Frontal Region, Right (Radiation)
	Frontoparietal (Radiation)
	Frontoparietal Region of Brain, Left (Radiation)
	Frontoparietal Region of Brain, Right (Radiation)
	Frontotemporal, Left (Radiation)
	Frontotemporal, Right (Radiation)
	Head (Radiation)
	Head and Neck, Bilateral (Radiation)
	Head, Bilateral (Radiation)
	Head/Neck (Radiation)
	Head/Neck/Nasopharynx (Radiation)
	Hemi-mandible, Left (Radiation)
	Hemi-mandible, Right (Radiation)
	Hemi-minimantle (Radiation)
	Hemi-minimantle, Left (Radiation)
	Hemi-minimantle, Right (Radiation)
	Hypothalamus (Radiation)
	Infundibulum (Radiation)
	Jugular Foramen, Right (Radiation)
	Larynx (Radiation)
	Lateral Face/Upper Neck, Bilateral (Radiation)
	Lateral Ventricle (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Lateral Ventricle, Bilateral (Radiation)
	Lateral Ventricle, Frontal Horn, Left (Radiation)
	Lower Anterior Neck/Supraclavicular (Radiation)
	Lower Anterior Neck/Supraclavicular, Right (Radiation)
	Lower Neck/Supraclavicular, Left (Radiation)
	Lymph Node, Supraclavicular, Low, Bilateral (Radiation)
	Mandible (Radiation)
	Mandible, Left (Radiation)
	Mandible, Right (Radiation)
	Mantle (Radiation)
	Mantle, Extended (Radiation)
	Mantle, Modified (Radiation)
	Mastoid/Parotid (Radiation)
	Maxilla, Left (Radiation)
	Maxilla, Right (Radiation)
	Maxillary Region, Right (Radiation)
	Maxillary Sinus, Bilateral (Radiation)
	Maxillary Sinus, Left (Radiation)
	Maxillary Sinus, Right (Radiation)
	Meckel's Cave, Left (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Medulla (Radiation)
	Meninges, Bilateral (Radiation)
	Midbrain (Radiation)
	Middle Fossa, Left (Radiation)
	Mini-mantle (Radiation)
	Mini-mantle, Modified (Radiation)
	Nasal Cavity, Anterior (Radiation)
	Nasal Cavity, Right (Radiation)
	Nasal Cavity/Paranasal Sinus, Left (Radiation)
	Nasal Vestibule, Left (Radiation)
	Nasal, Ala, Left (Radiation)
	Nasal/Right Maxillary (Radiation)
	Nasolabial Region, Right (Radiation)
	Nasopharynx (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Nasopharynx Lymph Nodes (Radiation)
	Nasopharynx/Neck (Radiation)
	Nasopharynx/Upper Neck (Radiation)
	Neck (Radiation)
	Neck / Right Chest (Radiation)
	Neck, Anterior (Radiation)
	Neck, Anterior, Right (Radiation)
	Neck, Bilateral (Radiation)
	Neck, Lateral (Radiation)
	Neck, Left (Radiation)
	Neck, Left, Upper (Radiation)
	Neck, Left/Nasopharynx
	Neck, Low (Radiation)
	Neck, Posterior (Radiation)
	Neck, Posterior, Left (Radiation)
	Neck, Posterior, Right (Radiation)
	Neck, Right (Radiation)
	Neck, Right, Upper (Radiation)
	Neck, Upper (Radiation)
	Neck, Upper Posterior, Right (Radiation)
	Neck/Axilla, Right (Radiation)
	Neck/Axillary (Radiation)
	Neck/Mediastinum (Radiation)
	Neck/Supraclavicular (Radiation)
	Neck/Upper Mediastinum (Radiation)
	Occipital (Radiation)
	Occipital Lobe, Left (Radiation)
	Occipital, Right (Radiation)
	Occipital/Neck/Supraclavicular, Left (Radiation)
	Occipital/Preauricular Region (Radiation)
	Occipital/Temporal Lobe (Radiation)
	Optic Chiasm (Radiation)
	Optic Chiasm/Hypothalamus (Radiation)
	Optic Nerve, Left (Radiation)
	Optic Nerve, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)
	Optic Nerves, Bilateral (Radiation)
	Optic Pathway (Radiation)
	Oral Cavity (Radiation)
	Orbitofrontal Region (Radiation)
	Oropharynx (Radiation)
	Paranasal Sinus (Radiation)
	Paranasal Sinus, Left (Radiation)
	Parapharyngeal Space, Right (Radiation)
	Parietal Calvarium (Radiation)
	Parietal Calvarium, Right (Radiation)
	Parietal Lobe, Left (Radiation)
	Parietal Lobe, Right (Radiation)
	Parietal Region of Brain (Radiation)
	Parietal Region of Brain, Left (Radiation)
	Parietal Region of Brain, Right (Radiation)
	Parietal Region, Posterior, Left (Radiation)
	Parietal Region, Posterior, Right (Radiation)
	Parietal-Occipital Region (Radiation)
	Parotid Gland, Left (Radiation)
	Parotid, Gland, Right (Radiation)
	Periventricular and/or Ventricular (Radiation)
	Petrous Apex (Radiation)
	Petrous Bone (Radiation)
	Pineal Region (Radiation)
	Pineal/Third Ventricle (Radiation)
	Pituitary (Radiation)
	Pontomedullary (Radiation)
	Posterior Fossa (Radiation)
	Posterior Fossa Tumor Bed (Radiation)
	Posterior Fossa, Left (Radiation)
	Posterior Fossa, Right (Radiation)
	Posterior Sella (Radiation)
	Preauricular/Neck, Left (Radiation)
	Prepontine (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Pterygoid Region (Radiation)
	Pterygoid Region, Left (Radiation)
	Pterygopalatine (Radiation)
	Pterygopalatine Fossa (Radiation)
	Sagittal Sinus, Left (Radiation)
	Scalp (Radiation)
	Scalp, Posterior, Left (Radiation)
	Seventh Cranial Nerve Region, Right (Radiation)
	Skull (Radiation)
	Skull, Frontal (Radiation)
	Skull, Left (Radiation)
	Skull, Posterior (Radiation)
	Skull, Right (Radiation)
	Soft Palate (Radiation)
	Sphenoid Sinus (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1 (Radiation)
	Spine, C1-C2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-C3 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-C4 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C4-C7 (Radiation)
	Spine, C5-C6 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C5-T7 (Radiation)
	Spine, C6 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Cervical (Radiation)
	Spine, Cervical, Upper (Radiation)
	Spine, Upper (Radiation)
	Submandibular (Radiation)
	Submandibular, Left (Radiation)
	Submental/Neck, Bilateral (Radiation)
	Superior Sagittal Sinus (Radiation)
	Supraclavicular (Radiation)
	Supraclavicular Fossa, Left (Radiation)
	Supraclavicular, Bilateral (Radiation)
	Supraclavicular, Left (Radiation)
	Supraclavicular, Right (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
	Suprasellar (Radiation)
	Suprasellar Cyst (Radiation)
	Suprasellar Region
	Suprasellar Region, Left (Radiation)
	Suprasellar/Frontal Horns (Radiation)
	Suprasellar/Hypothalamus/Optic Chiasm (Radiation)
	Supratentorial Region, Left (Radiation)
	Sylvian Fissure, Right (Radiation)
	Tectal Plate, Left (Radiation)
	Tectal Region (Radiation)
	Tempoparietal Region (Radiation)
	Temporal Lobe, Left (Radiation)
	Temporal Lobe, Right (Radiation)
	Temporal Parietal Occipital Region, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Temporal Region (Radiation)
	Temporal Region, Left (Radiation)
	Temporal Region, Right (Radiation)
	Tentorium, Inferior, Right (Radiation)
	Thalamus (Radiation)
	Thalamus, Left (Radiation)
	Thalamus, Right (Radiation)
	Third Ventricle (Radiation)
	Tongue (Radiation)
	Tonsil and Epiglottis, Left (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Trigeminal Cistern (Radiation)
	Tumor Bed, Fourth Ventricle (Radiation)
	Tumor Bed, Frontal Lobe, Left (Radiation)
	Tumor Bed, Frontal Lobe, Right (Radiation)
	Tumor Bed, Medulla (Radiation)
	Tumor Bed, Nasopharynx/Upper Neck (Radiation)
	Tumor Bed, Neck, Right (Radiation)
	Tumor Bed, Parietal Lobe, Right (Radiation)
	Tumor Bed, Parotid, Left (Radiation)
	Tumor Bed, Pineal Gland (Radiation)
	Tumor Bed, Scalp (Radiation)
	Tumor Bed, Temporal Lobe, Left (Radiation)
	Tumor Bed, Third Ventricle (Radiation)
	Tumor Bed, Thyroid (Radiation)
	Tumor bed, Facial Region, Lateral, Left (Radiation)
	Ventricles (Radiation)
	Vermis/Fourth Ventricle (Radiation)
	Vertebra, Cervical, C7 (Radiation)
	Waldeyer's (Radiation)
	Waldeyer's, Lower (Radiation)
	Zygomatic, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
Potential_pelvis	Abdomen (Radiation)
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Lower Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Lower, Left (Radiation)
	Abdominal Wall, Right (Radiation)
	Acetabulum, Right (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Bladder (Radiation)
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
	Buttock, Right (Radiation)
	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Coccyx/Pelvis (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Gluteal Region, Left (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-Pelvis, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Inguinal Area, Bilateral (Radiation)
	Inguinal Area, Left (Radiation)
	Inguinal Area, Right (Radiation)
	Inguinal area, Anterior (Radiation)
	Inguinal, Left/Femur, Upper (Radiation)
	Inguinal/Femoral, Bilateral (Radiation)
	Inguinal/Femoral, Right (Radiation)
	Inverted Y (Radiation)
	Ischium, Left (Radiation)
	Labia, Left (Radiation)
	Lower Abdomen/Lumbar Region (Radiation)
	Lumbar Spine, L3 to L5 (Radiation)
	Mesentery (Radiation)
	Modified Inverted Y (Radiation)
	Para-aortic/pelvis (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Paralumbar (Radiation)
	Parametrium (Radiation)
	Paraspinal (Radiation)
	Paraspinal, L2 (Radiation)
	Paraspinal, Left (radiation)
	Paraspinal, Right (Radiation)
	Paravertebral, Left (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate (Radiation)
	Prostate/Pelvis (Radiation)
	Prostate/Proximal Seminal Vesicles (Radiation)
	Pubic Bone, Left (Radiation)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Sacroiliac Region (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, L1 (Radiation)
	Spine, L2-L3 (Radiation)
	Spine, L2-L4 (Radiation)
	Spine, L2-L5 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5 (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Lumbar (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, Middle (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thoracoabdominal (Radiation)
	Thorax, Posterior (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Vagina (Radiation)
	Vertebra, Lumbar, L1 (Radiation)
	Vertebra, Lumbar, L4 (Radiation)
	Vertebra, Lumbar, L5 (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
Potential_urinary	Abdomen (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Abdomen, Left (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Lower Quadrant, Left (Radiation)
	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Lower Right (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Upper, Left (Radiation)
	Abdomen, Upper, Right (Radiation)
	Abdomen, Whole
	Abdomen, Whole (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdomen/Liver (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Abdominal Wall, Lower, Left (Radiation)
	Abdominal Wall, Right (Radiation)
	Acetabulum, Right (Radiation)
	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)
	Adrenal, Right (Radiation)
	Adrenal/Periaortic Lymph Nodes, Right (Radiation)
	Anus (Radiation)
	Aortocaval (Radiation)
	Bladder (Radiation)
	Bladder/Pelvis (Radiation)
	Bladder/Pelvis Tumor Bed (Radiation)
	Buttock, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cauda Equina (Radiation)
	Coccyx/Pelvis (Radiation)
	Cranio-Spinal (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Femur/Ilium/Sacrum, Left (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Left (Radiation)
	Flank, Right (Radiation)
	Gluteal Region, Left (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Left (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Hemi-Pelvis, Right (Radiation)
	Hemi-pelvis, Left (Radiation)
	Hip, Left (Radiation)
	Hip, Right (Radiation)
	Iliac Area, Left (Radiation)
	Iliac, Right (Radiation)
	Ilio-Inguinal (Radiation)
	Ilio-Inguinal, Left (Radiation)
	Ilio-femoral (Radiation)
	Ilium, Left (Radiation)
	Ilium, Right (Radiation)
	Inguinal Area, Bilateral (Radiation)
	Inguinal Area, Left (Radiation)
	Inguinal Area, Right (Radiation)
	Inguinal area, Anterior (Radiation)
	Inguinal, Left/Femur, Upper (Radiation)
	Inguinal/Femoral, Bilateral (Radiation)
	Inguinal/Femoral, Right (Radiation)
	Inverted Y (Radiation)
	Ischium, Left (Radiation)
	Kidney, Bilateral (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
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<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	L5-Sacrum (Radiation)
	Labia, Left (Radiation)
	Liver (Radiation)
	Liver, Upper (Radiation)
	Liver, Upper Quadrant, Right (Radiation)
	Liver, Whole (Radiation)
	Lower Abdomen/Lumbar Region (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Mesentery (Radiation)
	Modified Inverted Y (Radiation)
	Para-aortic/pelvis (Radiation)
	Paraaortic (Radiation)
	Paraaortic, Right (Radiation)
	Paraaortic/Inguinal/Scrotum (Radiation)
	Paraaortic/Internal Iliac (Radiation)
	Paraaortic/Pelvic Lymph Nodes (Radiation)
	Paraaortic/Spleen (Radiation)
	Paraaortic/Splenic Pedicle (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Parametrium (Radiation)
	Pelvic Lymph Nodes (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis (Radiation)
	Pelvis, Bilateral (Radiation)
	Pelvis, Left (Radiation)
	Pelvis, Right (Radiation)
	Pelvis/Hip (Radiation)
	Pelvis/Inguinal (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Pelvis/Lumbar Spine, Lower (Radiation)
	Pelvis/Perineum (Radiation)
	Pelvis/Thigh, Left (Radiation)
	Perianal Region (Radiation)
	Porta-hepatis (Radiation)
	Presacral Tumor Bed (Radiation)
	Prostate (Radiation)
	Prostate/Pelvis (Radiation)
	Prostate/Proximal Seminal Vesicles (Radiation)
	Pubic Bone, Left (Radiation)
	Pubic Bone, Right (Radiation)
	Rectum (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum, Right (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Sacroiliac Region (Radiation)
	Sacrum (Radiation)
	Sacrum, Right (Radiation)
	Spine (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C7-S2 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5-S1 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, Sacral (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
	T10-Sacrum (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracoabdominal (Radiation)
	Total Body Irradiation (TBI) (Radiation)
	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
	Tumor Bed, Abdomen (Radiation)
	Tumor Bed, Adrenal/Paraaortic, Right (Radiation)
	Tumor Bed, Iliac, Right (Radiation)
	Tumor Bed, Labia, Left (Radiation)
	Tumor Bed, Pancreas (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Tumor Bed, Sacrum (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraaortic (Radiation)
	Vagina (Radiation)
Prostate	Prostate (Radiation)
	Prostate/Pelvis (Radiation)
	Prostate/Proximal Seminal Vesicles (Radiation)
Renal	Adrenal Bed, Left (Radiation)
	Adrenal Bed, Right (Radiation)
	Adrenal, Left (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

Region Variables	Radiation Site (site)
	Adrenal, Right (Radiation)
	Adrenal/Paraortic Lymph Nodes, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Kidney, Bilateral (Radiation)
	Kidney, Left (Radiation)
	Kidney, Lower, Left (Radiation)
	Kidney, Lower, Right (Radiation)
	Kidney, Right (Radiation)
	Kidney, Upper, Left (Radiation)
	Kidney, Upper, Right (Radiation)
	Renal Bed, Left (Radiation)
	Renal Bed, Right (Radiation)
	Renal Fossa, Left (Radiation)
	Renal Hilar, Left (Radiation)
	Renal Vessels, Bilateral (Radiation)
	Tumor Bed, Adrenal/Paraortic, Right (Radiation)
Righthemiabdomen	Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)
	Abdomen, Right (Radiation)
	Abdomen, Right and Paraaortic (Radiation)
	Abdomen/Cardiophrenic Region, Right (Radiation)
	Abdominal Wall, Right (Radiation)
	Diaphragmatic Sulcus (Radiation)
	Flank, Bilateral (Radiation)
	Flank, Right (Radiation)
	Hemi-Abdomen (Radiation)
	Hemi-Abdomen, Right (Radiation)
	Hemi-Abdomen/Renal Bed, Left (Radiation)
	Hemi-Abdomen/Renal Bed, Right (Radiation)
	Retroperitoneum, Right (Radiation)
Rightupperquadrant	Abdomen, Upper, Right (Radiation)
	Mediastinal and Upper Mesenteric Region (Radiation)
	Upper Abdomen/Mediastinal Region, Lower (Radiation)
	Upper Abdomen/Paraortic (Radiation)
Spine_cervical	C2-Thecal Sac (Radiation)
	C7-Thecal Sac (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Pterygopalatine Fossa (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine, C1 (Radiation)
	Spine, C1-C2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-C3 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)
	Spine, C3-C4 (Radiation)
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C4-C7 (Radiation)
	Spine, C5-C6 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C6 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Cervical (Radiation)
	Spine, Cervical, Upper (Radiation)
	Spine, Upper (Radiation)
	Vertebra, Cervical, C7 (Radiation)
Spine_lumbar	Lumbar Spine, L3 to L5 (Radiation)
	Paralumbar (Radiation)
	Paraspinal (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions**  
**Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Paraspinal, L2 (Radiation)
	Paraspinal, Left (radiation)
	Paraspinal, Right (Radiation)
	Paravertebral, Left (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, L1 (Radiation)
	Spine, L2-L3 (Radiation)
	Spine, L2-L4 (Radiation)
	Spine, L2-L5 (Radiation)
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5 (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Lumbar (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)



**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, Thoracolumbar (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Vertebra, Lumbar, L1 (Radiation)
	Vertebra, Lumbar, L4 (Radiation)
	Vertebra, Lumbar, L5 (Radiation)
Spine_sacral	Anus (Radiation)
	Cauda Equina (Radiation)
	Coccyx/Pelvis (Radiation)
	L5-Sacrum (Radiation)
	Pelvic/Sacrum (Radiation)
	Pelvis/Lumbar Spine, Lower (Radiation)
	Presacral Tumor Bed (Radiation)
	Rectum (Radiation)
	Sacrum (Radiation)
	Sacrum, Right (Radiation)
	Spine, C5-Coccyx (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, L2-S1 (Radiation)
	Spine, L2-S2 (Radiation)
	Spine, L2-S3 (Radiation)
	Spine, L2-S4 (Radiation)
	Spine, L2-S5 (Radiation)
	Spine, L3-S3 (Radiation)
	Spine, L4-S3 (Radiation)
	Spine, L4-Sacrum (Radiation)
	Spine, L5-S1 (Radiation)
	Spine, L5-S2 (Radiation)
	Spine, L5-S3 (Radiation)
	Spine, Lower (Radiation)
	Spine, Lumbosacral (Radiation)
	Spine, Sacral (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T5-S2 (Radiation)
	T10-Sacrum (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Tumor Bed, Sacrum (Radiation)
Spine_thoracic	Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)
	Cervical and Thoracic Spine (Radiation)
	Cervical and Thoracic Spine, C3 to T3 (Radiation)
	Paradorsal, Posterior, T6-T11 (Radiation)
	Paradorsal, Upper, Left (Radiation)
	Spinal/Paraspinal region, C4-L2 (Radiation)
	Spine, C1-L1 (Radiation)
	Spine, C1-T5 (Radiation)
	Spine, C1-T7 (Radiation)
	Spine, C2-T4 (Radiation)
	Spine, C2-T9 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, C3-T1 (Radiation)
	Spine, C3-T12 (Radiation)
	Spine, C5-Coccyx (Radiation)
	Spine, C5-T12 (Radiation)
	Spine, C5-T2 (Radiation)
	Spine, C5-T3 (Radiation)
	Spine, C5-T5 (Radiation)
	Spine, C5-T7 (Radiation)
	Spine, C7-T11(Radiation)
	Spine, C7-T4 (Radiation)
	Spine, C7-T6 (Radiation)
	Spine, C7-T7 (Radiation)
	Spine, Lower Thoracic and Lumbar (Radiation)
	Spine, Middle (Radiation)
	Spine, T1-L2 (Radiation)
	Spine, T1-T5 (Radiation)
	Spine, T10-12 (Radiation)
	Spine, T10-L1 (Radiation)
	Spine, T10-L4 (Radiation)
	Spine, T10-S1 (Radiation)
	Spine, T10-S2 (Radiation)
	Spine, T11 (Radiation)
	Spine, T11-12 (Radiation)
	Spine, T11-L1 (Radiation)
	Spine, T11-L4 (Radiation)
	Spine, T11-L5 (Radiation)
	Spine, T12 - S3 (Radiation)
	Spine, T12-Coccyx (Radiation)
	Spine, T12-L1 (Radiation)
	Spine, T12-L2 (Radiation)
	Spine, T12-L4 (Radiation)
	Spine, T12-S2 (Radiation)
	Spine, T2-L1 (Radiation)
	Spine, T2-L2 (Radiation)
	Spine, T2-T5 (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Spine, T3-T10 (Radiation)
	Spine, T4-T9 (Radiation)
	Spine, T5-L2 (Radiation)
	Spine, T5-S2 (Radiation)
	Spine, T6-L2 (Radiation)
	Spine, T6-L4 (Radiation)
	Spine, T8-L1 (Radiation)
	Spine, T8-L2 (Radiation)
	Spine, T8-T10 (Radiation)
	Spine, T8-T12 (Radiation)
	Spine, T9 (Radiation)
	Spine, T9-L1 (Radiation)
	Spine, T9-L2 (Radiation)
	Spine, T9-T10 (Radiation)
	Spine, Thoracic (Radiation)
	Spine, Thoracic, T3 (Radiation)
	Spine, Thoracolumbar (Radiation)
	Spine, Upper (Radiation)
	Spine,T5 (Radiation)
	T10-Sacrum (Radiation)
	T11-L2 (Radiation)
	T2-T3, T11-L3, S1-S2 (Radiation)
	Thoracic Spine, T6 to T8 (Radiation)
	Thoracic Spine, T8 to T10 (Radiation)
	Thorax, Posterior (Radiation)
	Tumor Bed, Paraspinal Region (Radiation)
	Vertebra, Thoracic, T11 (Radiation)
	Vertebra, Thoracic, T12 (Radiation)
	Vertebra, Thoracic, T2 (Radiation)
	Vertebra, Thoracic, T4 (Radiation)
Spleen	Paraaortic/Spleen (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Spleen (Radiation)
	Spleen/Epicardial Nodes (Radiation)
Splenicpedicle	Paraaortic/Splenic Pedicle (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
Supraclavicular	Anterior Neck/Supraclavicular (Radiation)
	Cervical/Supraclavicular (Radiation)
	Cervical/Supraclavicular, Left (Radiation)
	Cervical/Supraclavicular, Right (Radiation)
	Clavicle, Left (Radiation)
	Lower Anterior Neck/Supraclavicular (Radiation)
	Lower Anterior Neck/Supraclavicular, Right (Radiation)
	Lower Neck/Supraclavicular, Left (Radiation)
	Lymph Node, Supraclavicular, Low, Bilateral (Radiation)
	Mediastinum/Supraclavicular (Radiation)
	Neck/Axillary (Radiation)
	Neck/Supraclavicular (Radiation)
	Supraclavicular (Radiation)
	Supraclavicular Fossa, Left (Radiation)
	Supraclavicular, Bilateral (Radiation)
	Supraclavicular, Left (Radiation)
	Supraclavicular, Right (Radiation)
	Supraclavicular/Axilla, Right (Radiation)
	Supraclavicular/Axillary, Left (Radiation)
TBI	Total Body Irradiation (TBI) (Radiation)
TLI	Total Lymphoid Irradiation (Radiation)
	Total Lymphoid Irradiation, Lower (Radiation)
	Total Lymphoid Irradiation, Upper (Radiation)
Testicular	Paraaortic/Inguinal/Scrotum (Radiation)
	Perivesicular Tumor Bed (Radiation)
	Scrotum (Radiation)
	Scrotum, Right (Radiation)
	Testes (Radiation)
	Testicular/Suprapubic (Radiation)
	Testis, Left (Radiation)
	Testis, Right (Radiation)
Upperextremity	Antecubital, Left (Radiation)
	Arm, Left (Radiation)
	Arm, Right (Radiation)
	Elbow, Right (Radiation)

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Epitrochlear Lymph Node, Left (Radiation)
	Epitrochlear Lymph Node, Right (Radiation)
	Epitrochlear, Bilateral (Radiation)
	Forearm, Left (Radiation)
	Forearm, Right (Radiation)
	Hand, Left (Radiation)
	Hand, Right (Radiation)
	Hand/Wrist, Right (Radiation)
	Humerus, Distal, Left (Radiation)
	Humerus, Left (Radiation)
	Humerus, Mid, Right (Radiation)
	Humerus, Proximal, Left (Radiation)
	Humerus, Proximal, Right (Radiation)
	Humerus, Right (Radiation)
	Palm, Left (Radiation)
	Ring Finger, Right (Radiation)
	Thumb, Left (Radiation)
	Thumb, Right (Radiation)
	Ulna, Left (Radiation)
	Upper Arm, Right (Radiation)
	Upper Arm/Axilla, Left (Radiation)
	Wrist, Left (Radiation)
Uterine	Uterus (Radiation)
Vaginal	Labia, Left (Radiation)
	Pelvis/Perineum (Radiation)
	Tumor Bed, Labia, Left (Radiation)
Waldeyersring	Waldeyer's (Radiation)
	Waldeyer's, Lower (Radiation)
Wholeabdomen	Abdomen (Radiation)
	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen, Middle (Radiation)
	Abdomen, Modified (Radiation)
	Abdomen, Upper (Radiation)
	Abdomen, Upper Two-thirds (Radiation)
	Abdomen, Whole

**Abstracted Radiation Sites within Assigned Exposure/Potential Exposure Regions  
Data Freeze: June 30, 2017**

<b>Region Variables</b>	<b>Radiation Site (site)</b>
	Abdomen, Whole (Radiation)
	Abdomen/Lung (Radiation)
	Abdomen/Mediastinum (Radiation)
	Abdomen/Pelvis (Radiation)
	Abdominal Wall (Radiation)
	Mesentery (Radiation)
	Retroperitoneum (Radiation)
	Retroperitoneum/Spleen (Radiation)
	Thoracoabdominal (Radiation)
	Tumor Bed, Abdomen (Radiation)
Wholelung	Abdomen, Left and Lungs, Bilateral (Radiation)
	Abdomen/Lung (Radiation)
	Hilar Region, Lungs, Bilateral (Radiation)
	Lung, Bilateral (Radiation)
	Pleura, Right (Radiation)
Wholespine	Cranio-Spinal (Radiation)
	Spine (Radiation)
	Spine, C7-S2 (Radiation)

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Abdomen (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Left (Radiation)	Leftthemiabdomen     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Abdomen, Left and Lungs, Bilateral (Radiation)	Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_pelvis     Potential_urinary     Wholeabdomen     Wholelung
Abdomen, Lower Quadrant, Left (Radiation)	Leftthemiabdomen     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Abdomen, Lower Quadrant/Para-aortic/Pelvis, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Abdomen, Lower Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis       Potential_urinary
Abdomen, Middle (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Modified (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Abdomen, Right and Paraaortic (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Abdomen, Upper (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Upper Two-thirds (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Upper, Left (Radiation)	Leftupperquadrant     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Abdomen, Upper, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Rightupperquadrant
Abdomen, Whole	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen, Whole (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen/Cardiophrenic Region, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Abdomen/Liver (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary



**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Abdomen/Lung (Radiation)	Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_pelvis     Potential_urinary     Wholeabdomen     Wholelung
Abdomen/Mediastinum (Radiation)	Mediastinal     Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdomen/Pelvis (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdominal Wall (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Abdominal Wall, Lower, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Abdominal Wall, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Acetabulum, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Adrenal Bed, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Adrenal Bed, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Adrenal, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Adrenal, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Adrenal/Periaortic Lymph Nodes, Right (Radiation)	Paraortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Ankle, Left (Radiation)	Lowerextremity     Potential_muscle
Ankle, Right (Radiation)	Lowerextremity     Potential_muscle
Antecubital, Left (Radiation)	Potential_muscle     Upperextremity
Anterior Neck/Supraclavicular (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Anus (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral
Aortocaval (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Arm, Left (Radiation)	Potential_muscle     Upperextremity
Arm, Right (Radiation)	Potential_muscle     Upperextremity
Atrium, Right/Inferior Vena Cava (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Axilla (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle
Axilla, Bilateral (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle
Axilla, Left (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Axilla, Posterior, Bilateral (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle
Axilla, Right (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle
Base of Skull (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Base of Skull/Upper Neck (Radiation)	Cervical_neck     Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Base of Skull/Upper Neck, Right (Radiation)	Cervical_neck     Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Bladder (Radiation)	Bladder     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Bladder/Pelvis (Radiation)	Bladder     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Bladder/Pelvis Tumor Bed (Radiation)	Bladder     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Brain (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Brainstem (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Brainstem/Cervical Spinal Cord (Radiation)	Cervical_neck     Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Brainstem/Cervical spine, Upper (Radiation)	Cervical_neck     Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Brainstem/Tectal Plate (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Brainstem/Thalamus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Breast, Bilateral (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Breast, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Breast, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Buttock, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
C2-Thecal Sac (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Spine_cervical
C7-Thecal Sac (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Spine_cervical
Calcaneus, Right (Radiation)	Lowerextremity     Potential_muscle
Calf, Posterior, Left (Radiation)	Lowerextremity     Potential_muscle
Calf, Posterior, Right (Radiation)	Lowerextremity     Potential_muscle
Calvarium (radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Calvarium, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables														
Cauda Equina (Radiation)	Potential_female			Potential_muscle			Potential_urinary			Spine_sacral					
Cavernous Sinus, Left (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cavernous Sinus, Right (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellar Peduncle (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellar Peduncle, Bilateral (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellar Peduncle, Left (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellar Vermis (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellopontine Angle (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellopontine Angle, Left (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellopontine Angle, Right (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellum (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellum, Left (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebellum, Right (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebral, Right (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cerebrum (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neckthyroid		
Cervical (Radiation)	Cervical_neck			Potential_gihepatic			Potential_muscle			Potential_neckthyroid					
Cervical Lymph Nodes, Left (Radiation)	Cervical_neck			Potential_gihepatic			Potential_muscle			Potential_neckthyroid					
Cervical Spine, Lower/Thoracic Spine, Upper (Radiation)	Potential_abdomen			Potential_chest			Potential_gihepatic			Potential_muscle					
Cervical and Thoracic Spine (Radiation)	Potential_abdomen			Potential_chest			Potential_gihepatic			Potential_muscle					
Cervical and Thoracic Spine, C3 to T3 (Radiation)	Potential_abdomen			Potential_chest			Potential_gihepatic			Potential_muscle					
Cervical/Supraclavicular (Radiation)	Cervical_neck			Potential_gihepatic			Potential_muscle			Potential_neckthyroid					
Cervical/Supraclavicular, Left (Radiation)	Cervical_neck			Potential_gihepatic			Potential_muscle			Potential_neckthyroid					
Cervical/Supraclavicular, Right (Radiation)	Cervical_neck			Potential_gihepatic			Potential_muscle			Potential_neckthyroid					

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Cheek, Left (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cheek, Right (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Chest (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Anterior, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Anterior, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Apex, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Posterior (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Posterior, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Posterior, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest Wall, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest, Tumor Bed, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest, Tumor Bed, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chest/Mediastinum, Left (Radiation)	Chest     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Chin (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Clavicle, Left (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Clivus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Coccyx/Pelvis (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral
Cranial Nerve(s), Lower, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Cranio-Spinal (Radiation)	Cranial     Potential_abdomen     Potential_brain     Potential_chest     Potential_ear     Potential_eye     Potential_female     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Potential_pelvis     Potential_urinary     Wholespine

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Cranium	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cranium (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cranium, Lateral, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cranium, Multiple Sites (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cranium, off globe (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Cribriform Plate (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Deep Parietal Region, Left/Thalamus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Diaphragmatic Sulcus (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Diencephalon (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Ear, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Ear, Right (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Elbow, Right (Radiation)	Potential_muscle     Upperextremity
Epicardial Node (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Epitrochlear Lymph Node, Left (Radiation)	Potential_muscle     Upperextremity
Epitrochlear Lymph Node, Right (Radiation)	Potential_muscle     Upperextremity
Epitrochlear, Bilateral (Radiation)	Potential_muscle     Upperextremity
Ethmoid Region, Right (Radiation)	Nasopharyngeal     Orbital_eye     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Ethmoid Sinus (Radiation)	Nasopharyngeal     Orbital_eye     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Ethmoid Sinus, Anterior (Radiation)	Nasopharyngeal     Orbital_eye     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Ethmoid Sinus, Left (Radiation)	Nasopharyngeal     Orbital_eye     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Eye, Bilateral (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Eye, Inferior Oblique, Right (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Eye, Left (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Eye, Right (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Face, Anterior, Right (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Face/Neck, Right (Radiation)	Cervical_neck     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Facial Region, Lateral, Left (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear       Potential_eye     Potential_neckthyroid     Potential_oral
Facial/Base of Skull (Radiation)	Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Falx Cerebri (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Femur, Distal, Left (Radiation)	Lowerextremity     Potential_muscle
Femur, Distal, Right (Radiation)	Lowerextremity     Potential_muscle
Femur, Left (Radiation)	Lowerextremity     Potential_muscle
Femur, Lower, Left (Radiation)	Lowerextremity     Potential_muscle
Femur, Right (Radiation)	Lowerextremity     Potential_muscle
Femur, Upper, Left (Radiation)	Lowerextremity     Potential_muscle
Femur/Ilium/Sacrum, Left (Radiation)	Lowerextremity     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Fibula, Right (Radiation)	Lowerextremity     Potential_muscle
Fibula/Tibia, Distal, Right (Radiation)	Lowerextremity     Potential_muscle
Fibula/tibia, Lower Two Thirds, Left (Radiation)	Lowerextremity     Potential_muscle
Fibula/tibia, Lower, Left (Radiation)	Lowerextremity     Potential_muscle
Fibula/tibia, Upper Third, Left (Radiation)	Lowerextremity     Potential_muscle
Fibula/tibia, Upper, Left (Radiation)	Lowerextremity     Potential_muscle
Fifth Cranial Nerve Region, Right (Radiation)	Cranial     Ear_infratemporal     Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Flank, Bilateral (Radiation)	Lefthemiabdomen     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Flank, Left (Radiation)	Lefthemiabdomen     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Flank, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Foot, Left (Radiation)	Lowerextremity     Potential_muscle
Foot, Right (Radiation)	Lowerextremity     Potential_muscle
Foramen Magnum, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Foramen of Monro, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Forearm, Left (Radiation)	Potential_muscle     Upperextremity

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Forearm, Right (Radiation)	Potential_muscle     Upperextremity
Forehead, Left (Radiation)	Cranial     Potential_brain
Fourth Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Fourth Ventricle/Cerebellopontine Angle, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Fourth Ventricle/Infundibulum (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe, Bilateral (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe, Left, Anterior (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe, Left, Posterior (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Lobe, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Region, Anterior, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontal Region, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontoparietal (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontoparietal Region of Brain, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontoparietal Region of Brain, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontotemporal, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Frontotemporal, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Gluteal Region, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Hand, Left (Radiation)	Potential_muscle     Upperextremity
Hand, Right (Radiation)	Potential_muscle     Upperextremity
Hand/Wrist, Right (Radiation)	Potential_muscle     Upperextremity
Head (Radiation)	Cervical_neck     Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Head and Neck, Bilateral (Radiation)	Cervical_neck     Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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<b>Radiation Site (site)</b>	<b>Region Variables</b>
Head, Bilateral (Radiation)	Cervical_neck     Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Head/Neck (Radiation)	Cervical_neck     Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Head/Neck/Nasopharynx (Radiation)	Cervical_neck     Cranial     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Hemi-Abdomen (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Hemi-Abdomen, Left (Radiation)	Leftsemiabdomen     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Hemi-Abdomen, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Hemi-Abdomen/Renal Bed, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Renal     Righthemiabdomen
Hemi-Abdomen/Renal Bed, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Renal     Righthemiabdomen
Hemi-Pelvis, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Hemi-mandible, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Hemi-mandible, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Hemi-minimantle (Radiation)	Minimantle     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Hemi-minimantle, Left (Radiation)	Minimantle     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Hemi-minimantle, Right (Radiation)	Minimantle     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Hemi-pelvis, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Hemithorax, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Hemithorax, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Hilar Region, Lungs, Bilateral (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Wholelung
Hilum, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Hilum, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Hip, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary



**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Hip, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Humerus, Distal, Left (Radiation)	Potential_muscle     Upperextremity
Humerus, Left (Radiation)	Potential_muscle     Upperextremity
Humerus, Mid, Right (Radiation)	Potential_muscle     Upperextremity
Humerus, Proximal, Left (Radiation)	Potential_muscle     Upperextremity
Humerus, Proximal, Right (Radiation)	Potential_muscle     Upperextremity
Humerus, Right (Radiation)	Potential_muscle     Upperextremity
Hypothalamus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Iliac Area, Left (Radiation)	Iliac     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Iliac, Right (Radiation)	Iliac     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ilio-Inguinal (Radiation)	Iliac     Inguinal     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ilio-Inguinal, Left (Radiation)	Iliac     Inguinal     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ilio-femoral (Radiation)	Femoral     Iliac     Inguinal     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ilium, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ilium, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inferior Vena Cava (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Infratemporal Fossa, Bilateral (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Infratemporal Fossa, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Infratemporal Fossa, Right (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Infratentorial Brain (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Infundibulum (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Inguinal Area, Bilateral (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inguinal Area, Left (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inguinal Area, Right (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inguinal area, Anterior (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Inguinal, Left/Femur, Upper (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inguinal/Femoral, Bilateral (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Inguinal/Femoral, Right (Radiation)	Inguinal     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Internal Mammary Lymphatics (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Inverted Y (Radiation)	Invertedy     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ischium, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Jugular Foramen, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Kidney, Bilateral (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Lower, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Lower, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Upper, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Kidney, Upper, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Knee, Left (Radiation)	Lowerextremity     Potential_muscle
Knee, Right (Radiation)	Lowerextremity     Potential_muscle
L5-Sacrum (Radiation)	Potential_female     Potential_muscle     Potential_urinary     Spine_sacral
Labia, Left (Radiation)	Potential_female     Potential_muscle     Potential_pelvis     Potential_urinary     Vaginal
Larynx (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Lateral Face/Upper Neck, Bilateral (Radiation)	Cervical_neck     Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Lateral Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Lateral Ventricle, Bilateral (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Lateral Ventricle, Frontal Horn, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Leg, Lower, Left (Radiation)	Lowerextremity     Potential_muscle
Leg, Lower, Right (Radiation)	Lowerextremity     Potential_muscle
Leg, Right (Radiation)	Lowerextremity     Potential_muscle

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Leg, Upper, Right (Radiation)	Lowerextremity     Potential_muscle
Liver (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Liver, Upper (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Liver, Upper Quadrant, Right (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Liver, Whole (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Lower Abdomen/Lumbar Region (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Lower Anterior Neck/Supraclavicular (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Lower Anterior Neck/Supraclavicular, Right (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Lower Neck/Supraclavicular, Left (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Lumbar Spine, L3 to L5 (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Lung (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Bilateral (Radiation)	Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Wholelung
Lung, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Lower (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Lower, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Lower, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Middle, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Middle, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Outer, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Upper (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Upper, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lung, Upper, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lymph Node(s), Internal Mammary, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Lymph Node(s), Supradiaphragmatic (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Lymph Node, Supraclavicular, Low, Bilateral (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Mandible (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Mandible, Left (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Mandible, Right (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Mantle (Radiation)	Mantle     Potential_breast     Potential_chest     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Mantle, Extended (Radiation)	Mantle     Potential_breast     Potential_chest     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Mantle, Modified (Radiation)	Mantle     Potential_breast     Potential_chest     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Mastectomy Scar, Breast, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mastoid, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Mastoid/Parotid (Radiation)	Ear_infratemporal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxilla, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxilla, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxillary Region, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxillary Sinus, Bilateral (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxillary Sinus, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Maxillary Sinus, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Meckel's Cave, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Mediastinal and Upper Mesenteric Region (Radiation)	Leftupperquadrant     Mediastinal     Potential_abdomen     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_urinary     Rightupperquadrant
Mediastinum (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Left (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Lower (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Posterior (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Right (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Superior (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Mediastinum, Upper (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum, Upper, Left (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum/Axillary (Radiation)	Axilla     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum/Lower Hemithorax, Left (Radiation)	Chest     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Mediastinum/Supraclavicular (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Mediastinum/Upper Hemithorax, Left (Radiation)	Chest     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Medulla (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Meninges, Bilateral (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Mesentery (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Midbrain (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Middle Ear, Right (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Middle Fossa, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Middle ear, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Mini-mantle (Radiation)	Minimantle     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Mini-mantle, Modified (Radiation)	Minimantle     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Modified Inverted Y (Radiation)	Invertedy     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Nasal Cavity, Anterior (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasal Cavity, Right (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasal Cavity/Paranasal Sinus, Left (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasal Vestibule, Left (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasal, Ala, Left (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasal/Right Maxillary (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasolabial Region, Right (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Nasopharynx (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Nasopharynx Lymph Nodes (Radiation)	Cervical_neck     Nasopharyngeal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Nasopharynx/Neck (Radiation)	Cervical_neck     Nasopharyngeal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Nasopharynx/Upper Neck (Radiation)	Cervical_neck     Nasopharyngeal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck / Right Chest (Radiation)	Cervical_neck     Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Anterior (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Anterior, Right (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Bilateral (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Lateral (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Left (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Left, Upper (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Left/Nasopharynx	Cervical_neck     Nasopharyngeal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Low (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Posterior (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Posterior, Left (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Posterior, Right (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Right (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Right, Upper (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Upper (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck, Upper Posterior, Right (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck/Axilla, Right (Radiation)	Axilla     Cervical_neck     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck/Axillary (Radiation)	Axilla     Cervical_neck     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Neck/Mediastinum (Radiation)	Cervical_neck     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Neck/Supraclavicular (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Neck/Upper Mediastinum (Radiation)	Cervical_neck     Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral
Occipital (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Occipital Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Occipital, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Occipital/Neck/Supraclavicular, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Occipital/Preauricular Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Occipital/Temporal Lobe (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Chiasm (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Chiasm/Hypothalamus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Nerve, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Nerve, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Nerve/Posterior Retina/Chiasm, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Nerves, Bilateral (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Optic Pathway (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Oral Cavity (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Orbit, Anterior, Bilateral (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Orbit, Anterior, Right (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Orbit, Bilateral (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Orbit, Left (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Orbit, Right (Radiation)	Orbital_eye     Potential_brain     Potential_eye
Orbitofrontal Region (Radiation)	Cranial     Orbital_eye     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Oropharynx (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Palm, Left (Radiation)	Potential_muscle     Upperextremity

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables
Para-aortic/pelvis (Radiation)	Iliac     Inguinal     Paraaortic     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Para-mediastinum, Right (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Para-mediastinum, Upper, Left (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Paraaortic (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Paraaortic, Right (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Paraaortic/Inguinal/Scrotum (Radiation)	Iliac     Inguinal     Paraaortic     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Testicular
Paraaortic/Internal Iliac (Radiation)	Iliac     Paraaortic     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Paraaortic/Pelvic Lymph Nodes (Radiation)	Iliac     Inguinal     Paraaortic     Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Paraaortic/Spleen (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Spleen
Paraaortic/Splenic Pedicle (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Splenicpedicle
Paradorsal, Posterior, T6-T11 (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_thoracic
Paradorsal, Upper, Left (Radiation)	Paraaortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_thoracic
Paralumbar (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Parametrium (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Paranasal Sinus (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Paranasal Sinus, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Parapharyngeal Space, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Parascapular Region, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Parascapular region, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Paraspinal (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Paraspinal, L2 (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Paraspinal, Left (radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar



## Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site

### Data Freeze: June 30, 2017

Radiation Site (site)	Region Variables
Paraspinal, Right (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Paratracheal (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Paravertebral, Left (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Parietal Calvarium (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Calvarium, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Lobe, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Region of Brain (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Region of Brain, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Region of Brain, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Region, Posterior, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal Region, Posterior, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parietal-Occipital Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Parotid Gland, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Parotid, Gland, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Pelvic Lymph Nodes (Radiation)	Iliac     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvic/Sacrum (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral
Pelvis (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis, Bilateral (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis/Hip (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis/Inguinal (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pelvis/Lumbar Spine, Lower (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Pelvis/Perineum (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Vaginal
Pelvis/Thigh, Left (Radiation)	Femoral     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Perianal Region (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pericardium (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Periventricular and/or Ventricular (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Perivesicular Tumor Bed (Radiation)	Potential_male     Testicular
Petromastoid Region, Right (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Petrous Apex (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Petrous Bone (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pineal Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pineal/Third Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pituitary (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pleura, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Wholelung
Pontomedullary (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Popliteal Fossa, Left (Radiation)	Lowerextremity     Potential_muscle
Popliteal Fossa, Right (Radiation)	Lowerextremity     Potential_muscle
Porta-hepatis (Radiation)	Hepatic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Postauricular, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Posterior Fossa (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Posterior Fossa Tumor Bed (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Posterior Fossa, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Posterior Fossa, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Posterior Sella (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Preauricular (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear
Preauricular, Left (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear

# Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site

## Data Freeze: June 30, 2017

Radiation Site (site)	Region Variables
Preauricular/Neck, Left (Radiation)	Cervical_neck     Ear_infratemporal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Prepontine (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Presacral Tumor Bed (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral
Prostate (Radiation)	Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Prostate
Prostate/Pelvis (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Prostate
Prostate/Proximal Seminal Vesicles (Radiation)	Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Prostate
Pterygoid Region (Radiation)	Cranial     Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pterygoid Region, Left (Radiation)	Cranial     Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pterygopalatine (Radiation)	Cranial     Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Pterygopalatine Fossa (Radiation)	Ear_infratemporal     Potential_brain     Potential_ear     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Spine_cervical
Pubic Bone, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Pubic Bone, Right (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Rectum (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_sacral
Renal Bed, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Renal Bed, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Renal Fossa, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Renal Hilar, Left (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Renal Vessels, Bilateral (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Retroperitoneum (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Retroperitoneum, Right (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Righthemiabdomen
Retroperitoneum/Spleen (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Spleen     Wholeabdomen
Rib (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Rib, 2nd, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Rib, 4th, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Rib, 6th, Posterior, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Rib, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Ribs, 8th and 9th, Posterior, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Ribs, Bilateral (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Right Lung/Mediastinum (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Ring Finger, Right (Radiation)	Potential_muscle     Upperextremity
Sacroiliac Region (Radiation)	Iliac     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Sacrum (Radiation)	Potential_female     Potential_muscle     Potential_urinary     Spine_sacral
Sacrum, Right (Radiation)	Potential_female     Potential_muscle     Potential_urinary     Spine_sacral
Sagittal Sinus, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Scalp (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Scalp, Posterior, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Scapula, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Scapula, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Scrotum (Radiation)	Potential_male     Testicular
Scrotum, Right (Radiation)	Potential_male     Testicular
Seventh Cranial Nerve Region, Right (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Shoulder, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Shoulder, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Skull (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Skull, Frontal (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Skull, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Skull, Posterior (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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Radiation Site (site)	Region Variables															
Skull, Right (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neck	thyroid		
	Potential_oral															
Soft Palate (Radiation)	Nasopharyngeal			Oropharyngeal			Potential_brain			Potential_ear			Potential_neck	thyroid		
			Potential_oral													
Sphenoid Sinus (Radiation)	Cranial			Potential_brain			Potential_ear			Potential_eye			Potential_neck	thyroid		
	Potential_oral															
Spinal/Paraspinal region, C4-L2 (Radiation)	Potential_abdomen			Potential_chest			Potential_female			Potential_gi	hepatic			Spine_cervical		
	Potential_muscle			Potential_neck	thyroid			Potential_oral			Potential_pelvis					
			Spine_lumbar			Spine_thoracic										
Spine (Radiation)	Potential_abdomen			Potential_chest			Potential_female			Potential_gi	hepatic			Potential_urinary		
	Potential_muscle			Potential_neck	thyroid			Potential_oral			Potential_pelvis					
			Wholespine													
Spine, C1 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C1-C2 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C1-L1 (Radiation)	Potential_abdomen			Potential_chest			Potential_female			Potential_gi	hepatic			Spine_cervical		
	Potential_muscle			Potential_neck	thyroid			Potential_oral			Potential_pelvis					
			Spine_lumbar			Spine_thoracic										
Spine, C1-T5 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C1-T7 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C2-C3 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C2-T4 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C2-T9 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C3-C4 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C3-T1 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C3-T12 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C4-C7 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C5-C6 (Radiation)	Potential_gi	hepatic			Potential_muscle			Potential_neck	thyroid			Potential_oral				
	Spine_cervical															
Spine, C5-Coccyx (Radiation)	Potential_abdomen			Potential_chest			Potential_female			Potential_gi	hepatic			Potential_urinary		
	Potential_muscle			Potential_neck	thyroid			Potential_oral			Potential_pelvis					
			Spine_cervical			Spine_lumbar			Spine_sacral			Spine_thoracic				
Spine, C5-T12 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C5-T2 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					
Spine, C5-T3 (Radiation)	Potential_abdomen			Potential_chest			Potential_gi	hepatic			Potential_muscle			Spine_thoracic		
	Potential_neck	thyroid			Potential_oral			Potential_pelvis			Spine_cervical					

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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<b>Radiation Site (site)</b>	<b>Region Variables</b>									
Spine, C5-T5 (Radiation)	Potential_abdomen Potential_neckthyroid		Potential_chest Potential_oral		Potential_gihepatic Potential_pelvis		Potential_muscle Spine_cervical		Spine_thoracic	
Spine, C5-T7 (Radiation)	Potential_abdomen Potential_neckthyroid		Potential_chest Potential_oral		Potential_gihepatic Potential_pelvis		Potential_muscle Spine_cervical		Spine_thoracic	
Spine, C6 (Radiation)	Potential_gihepatic Spine_cervical		Potential_muscle		Potential_neckthyroid		Potential_oral			
Spine, C7-S2 (Radiation)	Potential_abdomen Potential_muscle Potential_urinary	     	Potential_chest Potential_neckthyroid Wholespine	     	Potential_female Potential_oral	 	Potential_gihepatic Potential_pelvis	 		
Spine, C7-T11(Radiation)	Potential_abdomen Potential_neckthyroid	 	Potential_chest Potential_oral	 	Potential_gihepatic Potential_pelvis	 	Potential_muscle Spine_cervical	 	Spine_thoracic	
Spine, C7-T4 (Radiation)	Potential_abdomen Potential_neckthyroid	 	Potential_chest Potential_oral	 	Potential_gihepatic Potential_pelvis	 	Potential_muscle Spine_cervical	 	Spine_thoracic	
Spine, C7-T6 (Radiation)	Potential_abdomen Potential_neckthyroid	 	Potential_chest Potential_oral	 	Potential_gihepatic Potential_pelvis	 	Potential_muscle Spine_cervical	 	Spine_thoracic	
Spine, C7-T7 (Radiation)	Potential_abdomen Potential_neckthyroid	 	Potential_chest Potential_oral	 	Potential_gihepatic Potential_pelvis	 	Potential_muscle Spine_cervical	 	Spine_thoracic	
Spine, Cervical (Radiation)	Potential_gihepatic Spine_cervical		Potential_muscle		Potential_neckthyroid		Potential_oral			
Spine, Cervical, Upper (Radiation)	Potential_gihepatic Spine_cervical		Potential_muscle		Potential_neckthyroid		Potential_oral			
Spine, L1 (Radiation)	Potential_abdomen		Potential_female		Potential_muscle		Potential_pelvis		Spine_lumbar	
Spine, L2-L3 (Radiation)	Potential_abdomen		Potential_female		Potential_muscle		Potential_pelvis		Spine_lumbar	
Spine, L2-L4 (Radiation)	Potential_abdomen		Potential_female		Potential_muscle		Potential_pelvis		Spine_lumbar	
Spine, L2-L5 (Radiation)	Potential_abdomen		Potential_female		Potential_muscle		Potential_pelvis		Spine_lumbar	
Spine, L2-S1 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L2-S2 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L2-S3 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L2-S4 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L2-S5 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L3-S3 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L4-S3 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L4-Sacrum (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L5 (Radiation)	Potential_abdomen		Potential_female		Potential_muscle		Potential_pelvis		Spine_lumbar	
Spine, L5-S1 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			
Spine, L5-S2 (Radiation)	Potential_abdomen Potential_urinary	 	Potential_female Spine_lumbar	 	Potential_muscle Spine_sacral	 	Potential_pelvis			

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

Radiation Site (site)	Region Variables									
Spine, L5-S3 (Radiation)	Potential_abdomen Potential_urinary		Potential_female Spine_lumbar		Potential_muscle Spine_sacral		Potential_pelvis			
Spine, Lower (Radiation)	Potential_abdomen Potential_urinary		Potential_female Spine_lumbar		Potential_muscle Spine_sacral		Potential_pelvis			
Spine, Lower Thoracic and Lumbar (Radiation)	Potential_abdomen Potential_muscle		Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, Lumbar (Radiation)	Potential_abdomen Spine_lumbar		Potential_female		Potential_muscle		Potential_pelvis			
Spine, Lumbosacral (Radiation)	Potential_abdomen Potential_urinary		Potential_female Spine_lumbar		Potential_muscle Spine_sacral		Potential_pelvis			
Spine, Middle (Radiation)	Potential_abdomen Potential_pelvis		Potential_chest Spine_thoracic		Potential_gihepatic		Potential_muscle			
Spine, Sacral (Radiation)	Potential_female		Potential_muscle		Potential_urinary		Spine_sacral			
Spine, T1-L2 (Radiation)	Potential_abdomen Potential_muscle		Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T1-T5 (Radiation)	Potential_abdomen Potential_pelvis		Potential_chest Spine_thoracic		Potential_gihepatic		Potential_muscle			
Spine, T10-12 (Radiation)	Potential_abdomen Potential_pelvis		Potential_chest Spine_thoracic		Potential_gihepatic		Potential_muscle			
Spine, T10-L1 (Radiation)	Potential_abdomen Potential_muscle		Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T10-L4 (Radiation)	Potential_abdomen Potential_muscle		Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T10-S1 (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T10-S2 (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T11 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic		Potential_gihepatic		Potential_muscle			
Spine, T11-12 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic		Potential_gihepatic		Potential_muscle			
Spine, T11-L1 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T11-L4 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T11-L5 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T12 - S3 (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T12-Coccyx (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T12-L1 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T12-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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Radiation Site (site)	Region Variables									
Spine, T12-L4 (Radiation)	Potential_abdomen Potential_muscle		Potential_chest Potential_pelvis		Potential_female Spine_lumbar		Potential_gihepatic Spine_thoracic			
Spine, T12-S2 (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T2-L1 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T2-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T2-T5 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T3-T10 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T4-T9 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T5-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T5-S2 (Radiation)	Potential_abdomen Potential_muscle Spine_sacral	     	Potential_chest Potential_pelvis Spine_thoracic	     	Potential_female Potential_urinary	 	Potential_gihepatic Spine_lumbar	 		
Spine, T6-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T6-L4 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T8-L1 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T8-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T8-T10 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T8-T12 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T9 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, T9-L1 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T9-L2 (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, T9-T10 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, Thoracic (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, Thoracic, T3 (Radiation)	Potential_abdomen Potential_pelvis	 	Potential_chest Spine_thoracic	 	Potential_gihepatic		Potential_muscle			
Spine, Thoracolumbar (Radiation)	Potential_abdomen Potential_muscle	 	Potential_chest Potential_pelvis	 	Potential_female Spine_lumbar	 	Potential_gihepatic Spine_thoracic	 		
Spine, Upper (Radiation)	Potential_abdomen Potential_neckthyroid Spine_thoracic	     	Potential_chest Potential_oral	 	Potential_gihepatic Potential_pelvis	 	Potential_muscle Spine_cervical	 		



**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Spine,T5 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Spleen (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Spleen
Spleen/Epicardial Nodes (Radiation)	Mediastinal     Potential_abdomen     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_urinary     Spleen
Sternum, Medial (Radiation)	Mediastinal     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Submandibular (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Submandibular, Left (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Submental/Neck, Bilateral (Radiation)	Cervical_neck     Oropharyngeal     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Superior Sagittal Sinus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Supraclavicular (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular Fossa, Left (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular, Bilateral (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular, Left (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular, Right (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular/Axilla, Right (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Supraclavicular/Axillary, Left (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_oral     Supraclavicular
Suprasellar (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Suprasellar Cyst (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Suprasellar Region	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Suprasellar Region, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Suprasellar/Frontal Horns (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Suprasellar/Hypothalamus/Optic Chiasm (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Supratentorial Region, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Sylvian Fissure, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
T10-Sacrum (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_lumbar     Spine_sacral     Spine_thoracic

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
T11-L2 (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_lumbar     Spine_thoracic
T2-T3, T11-L3, S1-S2 (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_lumbar     Spine_sacral     Spine_thoracic
Tectal Plate, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tectal Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tempoparietal Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Lobe, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Parietal Occipital Region, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Region (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Region, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Temporal Region, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tentorium, Inferior, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Testes (Radiation)	Potential_male     Testicular
Testicular/Suprapubic (Radiation)	Potential_male     Testicular
Testis, Left (Radiation)	Potential_male     Testicular
Testis, Right (Radiation)	Potential_male     Testicular
Thalamus (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Thalamus, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Thalamus, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Thigh, Anterior, Left (Radiation)	Lowerextremity     Potential_muscle
Thigh, Distal, Right (Radiation)	Lowerextremity     Potential_muscle
Thigh, Left (Radiation)	Lowerextremity     Potential_muscle
Thigh, Posterior, Right (Radiation)	Lowerextremity     Potential_muscle
Thigh, Proximal, Left (Radiation)	Lowerextremity     Potential_muscle
Thigh, Right (Radiation)	Lowerextremity     Potential_muscle

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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<b>Radiation Site (site)</b>	<b>Region Variables</b>
Third Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Thoracic Spine, T6 to T8 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Thoracic Spine, T8 to T10 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Thoracoabdominal (Radiation)	Chest     Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_pelvis     Potential_urinary     Wholeabdomen
Thorax (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Thorax, Posterior (Radiation)	Chest     Potential_abdomen     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_pelvis     Spine_thoracic
Thorax, Posterior and Anterior (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Thorax, Posterior, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Thorax/Mediastinum (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Thumb, Left (Radiation)	Potential_muscle     Upperextremity
Thumb, Right (Radiation)	Potential_muscle     Upperextremity
Tibia, Left (Radiation)	Lowerextremity     Potential_muscle
Tibia, Proximal, Right (Radiation)	Lowerextremity     Potential_muscle
Tibia, Right (Radiation)	Lowerextremity     Potential_muscle
Tibia, Upper, Right (Radiation)	Lowerextremity     Potential_muscle
Tibia/Fibula, Proximal, Right (Radiation)	Lowerextremity     Potential_muscle
Tongue (Radiation)	Oropharyngeal     Potential_neckthyroid     Potential_oral
Tonsil and Epiglottis, Left (Radiation)	Nasopharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Total Body Irradiation (TBI) (Radiation)	Potential_abdomen     Potential_brain     Potential_breast     Potential_chest     Potential_ear     Potential_eye     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_oral     Potential_pelvis     Potential_urinary     TBI
Total Lymphoid Irradiation (Radiation)	Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_oral     Potential_pelvis     Potential_urinary     TLI
Total Lymphoid Irradiation, Lower (Radiation)	Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_oral     Potential_pelvis     Potential_urinary     TLI
Total Lymphoid Irradiation, Upper (Radiation)	Potential_abdomen     Potential_breast     Potential_chest     Potential_female     Potential_gihepatic     Potential_lung     Potential_male     Potential_muscle     Potential_neckthyroid     Potential_oral     Potential_pelvis     Potential_urinary     TLI
Trigeminal Cistern (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
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<b>Radiation Site (site)</b>	<b>Region Variables</b>
Tumor Bed, 5th-6th Rib Region, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Tumor Bed, Abdomen (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Wholeabdomen
Tumor Bed, Adrenal/Paraortic, Right (Radiation)	Paraortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Renal
Tumor Bed, Breast, Bilateral (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Tumor Bed, Breast, Left (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Tumor Bed, Breast, Right (Radiation)	Chest     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid
Tumor Bed, Fourth Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Frontal Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Frontal Lobe, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Iliac, Right (Radiation)	Iliac     Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Tumor Bed, Labia, Left (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary     Vaginal
Tumor Bed, Medulla (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Nasopharynx/Upper Neck (Radiation)	Cervical_neck     Nasopharyngeal     Potential_brain     Potential_ear     Potential_gihepatic       Potential_muscle     Potential_neckthyroid     Potential_oral
Tumor Bed, Neck, Right (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Tumor Bed, Pancreas (Radiation)	Pancreas     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary
Tumor Bed, Paraspinal Region (Radiation)	Potential_abdomen     Potential_chest     Potential_female     Potential_gihepatic     Potential_muscle     Potential_pelvis     Potential_urinary     Spine_lumbar     Spine_sacral     Spine_thoracic
Tumor Bed, Parietal Lobe, Right (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Parotid, Left (Radiation)	Nasopharyngeal     Oropharyngeal     Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral
Tumor Bed, Pineal Gland (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Sacrum (Radiation)	Potential_female     Potential_muscle     Potential_urinary     Spine_sacral
Tumor Bed, Scalp (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Temporal Lobe, Left (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Tumor Bed, Third Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral

**Derived Exposure/Potential Exposure Radiation Region Assignments by Abstracted Radiation Site  
Data Freeze: June 30, 2017**

<b>Radiation Site (site)</b>	<b>Region Variables</b>
Tumor Bed, Thyroid (Radiation)	Cervical_neck     Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral
Tumor bed, Facial Region, Lateral, Left (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Ulna, Left (Radiation)	Potential_muscle     Upperextremity
Upper Abdomen/Mediastinal Region, Lower (Radiation)	Leftupperquadrant     Mediastinal     Potential_abdomen     Potential_breast     Potential_chest     Potential_gihepatic     Potential_lung     Potential_muscle     Potential_neckthyroid     Potential_urinary     Rightupperquadrant
Upper Abdomen/Paraortic (Radiation)	Leftupperquadrant     Paraortic     Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_urinary     Rightupperquadrant
Upper Arm, Right (Radiation)	Potential_muscle     Upperextremity
Upper Arm/Axilla, Left (Radiation)	Axilla     Potential_breast     Potential_chest     Potential_lung     Potential_muscle     Upperextremity
Uterus (Radiation)	Uterine
Vagina (Radiation)	Pelvic     Potential_female     Potential_male     Potential_muscle     Potential_pelvis     Potential_urinary
Ventricles (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Vermis/Fourth Ventricle (Radiation)	Cranial     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral
Vertebra, Cervical, C7 (Radiation)	Potential_gihepatic     Potential_muscle     Potential_neckthyroid     Potential_oral     Spine_cervical
Vertebra, Lumbar, L1 (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Vertebra, Lumbar, L4 (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Vertebra, Lumbar, L5 (Radiation)	Potential_abdomen     Potential_female     Potential_muscle     Potential_pelvis     Spine_lumbar
Vertebra, Thoracic, T11 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Vertebra, Thoracic, T12 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Vertebra, Thoracic, T2 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Vertebra, Thoracic, T4 (Radiation)	Potential_abdomen     Potential_chest     Potential_gihepatic     Potential_muscle     Potential_pelvis     Spine_thoracic
Waldeyer's (Radiation)	Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral     Waldeyersring
Waldeyer's, Lower (Radiation)	Potential_brain     Potential_ear     Potential_neckthyroid     Potential_oral     Waldeyersring
Wrist, Left (Radiation)	Potential_muscle     Upperextremity
Zygomatic, Left (Radiation)	Nasopharyngeal     Orbital_eye     Oropharyngeal     Potential_brain     Potential_ear     Potential_eye     Potential_neckthyroid     Potential_oral