

Psych PPS Comorbidity Categories

Comorbidity Code	Psych PPS Comorbidity Category	Adjustment Factor
1	Cancers	1.0942
2	Protein-Calorie Malnutrition	1.0848
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	1.0630
4	Other Endocrine/Metabolic/Nutritional Disorders	1.1405
5	Other Hepatitis and Liver Disease	1.0856
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	1.1032
7	Other Musculoskeletal and Connective Tissue Disorders	1.0638
8	Blood Disorders	1.1056
9	Other Developmental Disability	1.2014
10	Brain/Head Injury	1.1361
11	Cardio-Respiratory Failure and Shock	1.1608
12	Acute Coronary Syndrome	1.4046
13	Stroke/Occlusion/Cerebral Ischemia	1.2109
14	Respiratory Illness	1.0662
15	Other Eye Disorders	1.1224
16	Renal Disease	1.0954
17	Complications of Medical Care and Trauma	1.1297
18	Major Organ Transplant Status	1.1762

Psych PPS Comorbidity Definitions

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
1	Cancers	1500	Malignant neoplasm of cervical esophagus
1	Cancers	1501	Malignant neoplasm of thoracic esophagus
1	Cancers	1502	Malignant neoplasm of abdominal esophagus
1	Cancers	1503	Malignant neoplasm of upper third of esophagus
1	Cancers	1504	Malignant neoplasm of middle third of esophagus
1	Cancers	1505	Malignant neoplasm of lower third of esophagus
1	Cancers	1508	Malignant neoplasm of other specified part of esophagus
1	Cancers	1509	Malignant neoplasm of esophagus, unspecified site
1	Cancers	1510	Malignant neoplasm of cardia
1	Cancers	1511	Malignant neoplasm of pylorus
1	Cancers	1512	Malignant neoplasm of pyloric antrum
1	Cancers	1513	Malignant neoplasm of fundus of stomach
1	Cancers	1514	Malignant neoplasm of body of stomach
1	Cancers	1515	Malignant neoplasm of lesser curvature of stomach, unspecified
1	Cancers	1516	Malignant neoplasm of greater curvature of stomach, unspecified
1	Cancers	1518	Malignant neoplasm of other specified sites of stomach
1	Cancers	1519	Malignant neoplasm of stomach, unspecified site
1	Cancers	1520	Malignant neoplasm of duodenum
1	Cancers	1521	Malignant neoplasm of jejunum
1	Cancers	1522	Malignant neoplasm of ileum
1	Cancers	1523	Malignant neoplasm of Meckel's diverticulum
1	Cancers	1528	Malignant neoplasm of other specified sites of small intestine
1	Cancers	1529	Malignant neoplasm of small intestine, unspecified site
1	Cancers	1530	Malignant neoplasm of hepatic flexure
1	Cancers	1531	Malignant neoplasm of transverse colon
1	Cancers	1532	Malignant neoplasm of descending colon
1	Cancers	1533	Malignant neoplasm of sigmoid colon
1	Cancers	1534	Malignant neoplasm of cecum
1	Cancers	1535	Malignant neoplasm of appendix vermiformis
1	Cancers	1536	Malignant neoplasm of ascending colon
1	Cancers	1537	Malignant neoplasm of splenic flexure
1	Cancers	1538	Malignant neoplasm of other specified sites of large intestine
1	Cancers	1539	Malignant neoplasm of colon, unspecified site
1	Cancers	1540	Malignant neoplasm of rectosigmoid junction
1	Cancers	1541	Malignant neoplasm of rectum
1	Cancers	1542	Malignant neoplasm of anal canal
1	Cancers	1543	Malignant neoplasm of anus, unspecified site
1	Cancers	1548	Malignant neoplasm of other sites of rectum, rectosigmoid junction, and anus
1	Cancers	1550	Malignant neoplasm of liver, primary
1	Cancers	1551	Malignant neoplasm of intrahepatic bile ducts
1	Cancers	1552	Malignant neoplasm of liver, not specified as primary or secondary
1	Cancers	1560	Malignant neoplasm of gallbladder
1	Cancers	1561	Malignant neoplasm of extrahepatic bile ducts
1	Cancers	1562	Malignant neoplasm of ampulla of vater
1	Cancers	1568	Malignant neoplasm of other specified sites of gallbladder and extrahepatic bile ducts
1	Cancers	1569	Malignant neoplasm of biliary tract, part unspecified site
1	Cancers	1570	Malignant neoplasm of head of pancreas

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1	Cancers	1571	Malignant neoplasm of body of pancreas
1	Cancers	1572	Malignant neoplasm of tail of pancreas
1	Cancers	1573	Malignant neoplasm of pancreatic duct
1	Cancers	1574	Malignant neoplasm of islets of langerhans
1	Cancers	1578	Malignant neoplasm of other specified sites of pancreas
1	Cancers	1579	Malignant neoplasm of pancreas, part unspecified
1	Cancers	1580	Malignant neoplasm of retroperitoneum
1	Cancers	1588	Malignant neoplasm of specified parts of peritoneum
1	Cancers	1589	Malignant neoplasm of peritoneum, unspecified
1	Cancers	1620	Malignant neoplasm of trachea
1	Cancers	1622	Malignant neoplasm of main bronchus
1	Cancers	1623	Malignant neoplasm of upper lobe, bronchus or lung
1	Cancers	1624	Malignant neoplasm of middle lobe, bronchus or lung
1	Cancers	1625	Malignant neoplasm of lower lobe, bronchus or lung
1	Cancers	1628	Malignant neoplasm of other parts of bronchus or lung
1	Cancers	1629	Malignant neoplasm of bronchus and lung, unspecified
1	Cancers	1630	Malignant neoplasm of parietal pleura
1	Cancers	1631	Malignant neoplasm of visceral pleura
1	Cancers	1638	Malignant neoplasm of other specified sites of pleura
1	Cancers	1639	Malignant neoplasm of pleura, unspecified
1	Cancers	1640	Malignant neoplasm of thymus
1	Cancers	1641	Malignant neoplasm of heart
1	Cancers	1642	Malignant neoplasm of anterior mediastinum
1	Cancers	1643	Malignant neoplasm of posterior mediastinum
1	Cancers	1648	Malignant neoplasm of other parts of mediastinum
1	Cancers	1649	Malignant neoplasm of mediastinum, part unspecified
1	Cancers	1700	Malignant neoplasm of bones of skull and face, except mandible
1	Cancers	1701	Malignant neoplasm of mandible
1	Cancers	1702	Malignant neoplasm of vertebral column, excluding sacrum and coccyx
1	Cancers	1703	Malignant neoplasm of ribs, sternum, and clavicle
1	Cancers	1704	Malignant neoplasm of scapula and long bones of upper limb
1	Cancers	1705	Malignant neoplasm of short bones of upper limb
1	Cancers	1706	Malignant neoplasm of pelvic bones, sacrum, and coccyx
1	Cancers	1707	Malignant neoplasm of long bones of lower limb
1	Cancers	1708	Malignant neoplasm of short bones of lower limb
1	Cancers	1709	Malignant neoplasm of bone and articular cartilage, site unspecified
1	Cancers	1710	Malignant neoplasm of connective and other soft tissue of head, face, and neck
1	Cancers	1712	Malignant neoplasm of connective and other soft tissue of upper limb, including shoulder
1	Cancers	1713	Malignant neoplasm of connective and other soft tissue of lower limb, including hip
1	Cancers	1714	Malignant neoplasm of connective and other soft tissue of thorax
1	Cancers	1715	Malignant neoplasm of connective and other soft tissue of abdomen
1	Cancers	1716	Malignant neoplasm of connective and other soft tissue of pelvis
1	Cancers	1717	Malignant neoplasm of connective and other soft tissue of trunk, unspecified
1	Cancers	1718	Malignant neoplasm of other specified sites of connective and other soft tissue
1	Cancers	1719	Malignant neoplasm of connective and other soft tissue, site unspecified
1	Cancers	1760	Kaposi's sarcoma, skin
1	Cancers	1761	Kaposi's sarcoma, soft tissue
1	Cancers	1762	Kaposi's sarcoma, palate
1	Cancers	1763	Kaposi's sarcoma, gastrointestinal sites

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1	Cancers	1764	Kaposi's sarcoma, lung
1	Cancers	1765	Kaposi's sarcoma, lymph nodes
1	Cancers	1768	Kaposi's sarcoma, other specified sites
1	Cancers	1769	Kaposi's sarcoma, unspecified site
1	Cancers	1830	Malignant neoplasm of ovary
1	Cancers	1890	Malignant neoplasm of kidney, except pelvis
1	Cancers	1891	Malignant neoplasm of renal pelvis
1	Cancers	1892	Malignant neoplasm of ureter
1	Cancers	1893	Malignant neoplasm of urethra
1	Cancers	1894	Malignant neoplasm of paraurethral glands
1	Cancers	1898	Malignant neoplasm of other specified sites of urinary organs
1	Cancers	1899	Malignant neoplasm of urinary organ, site unspecified
1	Cancers	1910	Malignant neoplasm of cerebrum, except lobes and ventricles
1	Cancers	1911	Malignant neoplasm of frontal lobe
1	Cancers	1912	Malignant neoplasm of temporal lobe
1	Cancers	1913	Malignant neoplasm of parietal lobe
1	Cancers	1914	Malignant neoplasm of occipital lobe
1	Cancers	1915	Malignant neoplasm of ventricles
1	Cancers	1916	Malignant neoplasm of cerebellum nos
1	Cancers	1917	Malignant neoplasm of brain stem
1	Cancers	1918	Malignant neoplasm of other parts of brain
1	Cancers	1919	Malignant neoplasm of brain, unspecified
1	Cancers	1920	Malignant neoplasm of cranial nerves
1	Cancers	1921	Malignant neoplasm of cerebral meninges
1	Cancers	1922	Malignant neoplasm of spinal cord
1	Cancers	1923	Malignant neoplasm of spinal meninges
1	Cancers	1928	Malignant neoplasm of other specified sites of nervous system
1	Cancers	1929	Malignant neoplasm of nervous system, part unspecified
1	Cancers	1940	Malignant neoplasm of adrenal gland
1	Cancers	1941	Malignant neoplasm of parathyroid gland
1	Cancers	1943	Malignant neoplasm of pituitary gland and craniopharyngeal duct
1	Cancers	1944	Malignant neoplasm of pineal gland
1	Cancers	1945	Malignant neoplasm of carotid body
1	Cancers	1946	Malignant neoplasm of aortic body and other paraganglia
1	Cancers	1948	Malignant neoplasm of other endocrine glands and related structures
1	Cancers	1949	Malignant neoplasm of endocrine gland, site unspecified
1	Cancers	1960	Secondary and unspecified malignant neoplasm of lymph nodes of head, face, and neck
1	Cancers	1961	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes
1	Cancers	1962	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes
1	Cancers	1963	Secondary and unspecified malignant neoplasm of lymph nodes of axilla and upper limb
1	Cancers	1965	Secondary and unspecified malignant neoplasm of lymph nodes of inguinal region and lower limb
1	Cancers	1966	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes
1	Cancers	1968	Secondary and unspecified malignant neoplasm of lymph nodes of multiple sites
1	Cancers	1969	Secondary and unspecified malignant neoplasm of lymph nodes, site unspecified
1	Cancers	1970	Secondary malignant neoplasm of lung
1	Cancers	1971	Secondary malignant neoplasm of mediastinum
1	Cancers	1972	Secondary malignant neoplasm of pleura
1	Cancers	1973	Secondary malignant neoplasm of other respiratory organs
1	Cancers	1974	Secondary malignant neoplasm of small intestine including duodenum

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1	Cancers	1975	Secondary malignant neoplasm of large intestine and rectum
1	Cancers	1976	Secondary malignant neoplasm of retroperitoneum and peritoneum
1	Cancers	1977	Malignant neoplasm of liver, secondary
1	Cancers	1978	Secondary malignant neoplasm of other digestive organs and spleen
1	Cancers	1980	Secondary malignant neoplasm of kidney
1	Cancers	1981	Secondary malignant neoplasm of other urinary organs
1	Cancers	1982	Secondary malignant neoplasm of skin
1	Cancers	1983	Secondary malignant neoplasm of brain and spinal cord
1	Cancers	1984	Secondary malignant neoplasm of other parts of nervous system
1	Cancers	1985	Secondary malignant neoplasm of bone and bone marrow
1	Cancers	1986	Secondary malignant neoplasm of ovary
1	Cancers	1987	Secondary malignant neoplasm of adrenal gland
1	Cancers	19881	Secondary malignant neoplasm of breast
1	Cancers	19882	Secondary malignant neoplasm of genital organs
1	Cancers	19889	Secondary malignant neoplasm of other specified sites
1	Cancers	1990	Disseminated malignant neoplasm without specification of site
1	Cancers	1992	Malignant neoplasm associated with transplant organ
1	Cancers	20000	Reticulosarcoma, unspecified site, extranodal and solid organ sites
1	Cancers	20001	Reticulosarcoma, lymph nodes of head, face, and neck
1	Cancers	20002	Reticulosarcoma, intrathoracic lymph nodes
1	Cancers	20003	Reticulosarcoma, intra-abdominal lymph nodes
1	Cancers	20004	Reticulosarcoma, lymph nodes of axilla and upper limb
1	Cancers	20005	Reticulosarcoma, lymph nodes of inguinal region and lower limb
1	Cancers	20006	Reticulosarcoma, intrapelvic lymph nodes
1	Cancers	20007	Reticulosarcoma, spleen
1	Cancers	20008	Reticulosarcoma, lymph nodes of multiple sites
1	Cancers	20010	Lymphosarcoma, unspecified site, extranodal and solid organ sites
1	Cancers	20011	Lymphosarcoma, lymph nodes of head, face, and neck
1	Cancers	20012	Lymphosarcoma, intrathoracic lymph nodes
1	Cancers	20013	Lymphosarcoma, intra-abdominal lymph nodes
1	Cancers	20014	Lymphosarcoma, lymph nodes of axilla and upper limb
1	Cancers	20015	Lymphosarcoma, lymph nodes of inguinal region and lower limb
1	Cancers	20016	Lymphosarcoma, intrapelvic lymph nodes
1	Cancers	20017	Lymphosarcoma, spleen
1	Cancers	20018	Lymphosarcoma, lymph nodes of multiple sites
1	Cancers	20020	Burkitt's tumor or lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20021	Burkitt's tumor or lymphoma, lymph nodes of head, face, and neck
1	Cancers	20022	Burkitt's tumor or lymphoma, intrathoracic lymph nodes
1	Cancers	20023	Burkitt's tumor or lymphoma, intra-abdominal lymph nodes
1	Cancers	20024	Burkitt's tumor or lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20025	Burkitt's tumor or lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20026	Burkitt's tumor or lymphoma, intrapelvic lymph nodes
1	Cancers	20027	Burkitt's tumor or lymphoma, spleen
1	Cancers	20028	Burkitt's tumor or lymphoma, lymph nodes of multiple sites
1	Cancers	20030	Marginal zone lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20031	Marginal zone lymphoma, lymph nodes of head, face, and neck
1	Cancers	20032	Marginal zone lymphoma, intrathoracic lymph nodes
1	Cancers	20033	Marginal zone lymphoma, intraabdominal lymph nodes
1	Cancers	20034	Marginal zone lymphoma, lymph nodes of axilla and upper limb

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1	Cancers	20035	Marginal zone lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20036	Marginal zone lymphoma, intrapelvic lymph nodes
1	Cancers	20037	Marginal zone lymphoma, spleen
1	Cancers	20038	Marginal zone lymphoma, lymph nodes of multiple sites
1	Cancers	20040	Mantle cell lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20041	Mantle cell lymphoma, lymph nodes of head, face, and neck
1	Cancers	20042	Mantle cell lymphoma, intrathoracic lymph nodes
1	Cancers	20043	Mantle cell lymphoma, intra-abdominal lymph nodes
1	Cancers	20044	Mantle cell lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20045	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20046	Mantle cell lymphoma, intrapelvic lymph nodes
1	Cancers	20047	Mantle cell lymphoma, spleen
1	Cancers	20048	Mantle cell lymphoma, lymph nodes of multiple sites
1	Cancers	20050	Primary central nervous system lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20051	Primary central nervous system lymphoma, lymph nodes of head, face, and neck
1	Cancers	20052	Primary central nervous system lymphoma, intrathoracic lymph nodes
1	Cancers	20053	Primary central nervous system lymphoma, intra-abdominal lymph nodes
1	Cancers	20054	Primary central nervous system lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20055	Primary central nervous system lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20056	Primary central nervous system lymphoma, intrapelvic lymph nodes
1	Cancers	20057	Primary central nervous system lymphoma, spleen
1	Cancers	20058	Primary central nervous system lymphoma, lymph nodes of multiple sites
1	Cancers	20060	Anaplastic large cell lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20061	Anaplastic large cell lymphoma, lymph nodes of head, face, and neck
1	Cancers	20062	Anaplastic large cell lymphoma, intrathoracic lymph nodes
1	Cancers	20063	Anaplastic large cell lymphoma, intra-abdominal lymph nodes
1	Cancers	20064	Anaplastic large cell lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20065	Anaplastic large cell lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20066	Anaplastic large cell lymphoma, intrapelvic lymph nodes
1	Cancers	20067	Anaplastic large cell lymphoma, spleen
1	Cancers	20068	Anaplastic large cell lymphoma, lymph nodes of multiple sites
1	Cancers	20070	Large cell lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20071	Large cell lymphoma, lymph nodes of head, face, and neck
1	Cancers	20072	Large cell lymphoma, intrathoracic lymph nodes
1	Cancers	20073	Large cell lymphoma, intra-abdominal lymph nodes
1	Cancers	20074	Large cell lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20075	Large cell lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20076	Large cell lymphoma, intrapelvic lymph nodes
1	Cancers	20077	Large cell lymphoma, spleen
1	Cancers	20078	Large cell lymphoma, lymph nodes of multiple sites
1	Cancers	20080	Other named variants of lymphosarcoma and reticulosarcoma, unspecified site, extranodal and solid organ sites
1	Cancers	20081	Other named variants of lymphosarcoma and reticulosarcoma, lymph nodes of head, face, and neck
1	Cancers	20082	Other named variants of lymphosarcoma and reticulosarcoma, intrathoracic lymph nodes
1	Cancers	20083	Other named variants of lymphosarcoma and reticulosarcoma, intra-abdominal lymph nodes
1	Cancers	20084	Other named variants of lymphosarcoma and reticulosarcoma, lymph nodes of axilla and upper limb
1	Cancers	20085	Other named variants of lymphosarcoma and reticulosarcoma, lymph nodes of inguinal region and lower limb
1	Cancers	20086	Other named variants of lymphosarcoma and reticulosarcoma, intrapelvic lymph nodes
1	Cancers	20087	Other named variants of lymphosarcoma and reticulosarcoma, spleen
1	Cancers	20088	Other named variants of lymphosarcoma and reticulosarcoma, lymph nodes of multiple sites

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1	Cancers	20100	Hodgkin's paraganuloma, unspecified site, extranodal and solid organ sites
1	Cancers	20101	Hodgkin's paraganuloma, lymph nodes of head, face, and neck
1	Cancers	20102	Hodgkin's paraganuloma, intrathoracic lymph nodes
1	Cancers	20103	Hodgkin's paraganuloma, intra-abdominal lymph nodes
1	Cancers	20104	Hodgkin's paraganuloma, lymph nodes of axilla and upper limb
1	Cancers	20105	Hodgkin's paraganuloma, lymph nodes of inguinal region and lower limb
1	Cancers	20106	Hodgkin's paraganuloma, intrapelvic lymph nodes
1	Cancers	20107	Hodgkin's paraganuloma, spleen
1	Cancers	20108	Hodgkin's paraganuloma, lymph nodes of multiple sites
1	Cancers	20110	Hodgkin's granuloma, unspecified site, extranodal and solid organ sites
1	Cancers	20111	Hodgkin's granuloma, lymph nodes of head, face, and neck
1	Cancers	20112	Hodgkin's granuloma, intrathoracic lymph nodes
1	Cancers	20113	Hodgkin's granuloma, intra-abdominal lymph nodes
1	Cancers	20114	Hodgkin's granuloma, lymph nodes of axilla and upper limb
1	Cancers	20115	Hodgkin's granuloma, lymph nodes of inguinal region and lower limb
1	Cancers	20116	Hodgkin's granuloma, intrapelvic lymph nodes
1	Cancers	20117	Hodgkin's granuloma, spleen
1	Cancers	20118	Hodgkin's granuloma, lymph nodes of multiple sites
1	Cancers	20120	Hodgkin's sarcoma, unspecified site, extranodal and solid organ sites
1	Cancers	20121	Hodgkin's sarcoma, lymph nodes of head, face, and neck
1	Cancers	20122	Hodgkin's sarcoma, intrathoracic lymph nodes
1	Cancers	20123	Hodgkin's sarcoma, intra-abdominal lymph nodes
1	Cancers	20124	Hodgkin's sarcoma, lymph nodes of axilla and upper limb
1	Cancers	20125	Hodgkin's sarcoma, lymph nodes of inguinal region and lower limb
1	Cancers	20126	Hodgkin's sarcoma, intrapelvic lymph nodes
1	Cancers	20127	Hodgkin's sarcoma, spleen
1	Cancers	20128	Hodgkin's sarcoma, lymph nodes of multiple sites
1	Cancers	20140	Hodgkin's disease, lymphocytic-histiocytic predominance, unspecified site, extranodal and solid organ sites
1	Cancers	20141	Hodgkin's disease, lymphocytic-histiocytic predominance, lymph nodes of head, face, and neck
1	Cancers	20142	Hodgkin's disease, lymphocytic-histiocytic predominance, intrathoracic lymph nodes
1	Cancers	20143	Hodgkin's disease, lymphocytic-histiocytic predominance, intra-abdominal lymph nodes
1	Cancers	20144	Hodgkin's disease, lymphocytic-histiocytic predominance, lymph nodes of axilla and upper limb
1	Cancers	20145	Hodgkin's disease, lymphocytic-histiocytic predominance, lymph nodes of inguinal region and lower limb
1	Cancers	20146	Hodgkin's disease, lymphocytic-histiocytic predominance, intrapelvic lymph nodes
1	Cancers	20147	Hodgkin's disease, lymphocytic-histiocytic predominance, spleen
1	Cancers	20148	Hodgkin's disease, lymphocytic-histiocytic predominance, lymph nodes of multiple sites
1	Cancers	20150	Hodgkin's disease, nodular sclerosis, unspecified site, extranodal and solid organ sites
1	Cancers	20151	Hodgkin's disease, nodular sclerosis, lymph nodes of head, face, and neck
1	Cancers	20152	Hodgkin's disease, nodular sclerosis, intrathoracic lymph nodes
1	Cancers	20153	Hodgkin's disease, nodular sclerosis, intra-abdominal lymph nodes
1	Cancers	20154	Hodgkin's disease, nodular sclerosis, lymph nodes of axilla and upper limb
1	Cancers	20155	Hodgkin's disease, nodular sclerosis, lymph nodes of inguinal region and lower limb
1	Cancers	20156	Hodgkin's disease, nodular sclerosis, intrapelvic lymph nodes
1	Cancers	20157	Hodgkin's disease, nodular sclerosis, spleen
1	Cancers	20158	Hodgkin's disease, nodular sclerosis, lymph nodes of multiple sites
1	Cancers	20160	Hodgkin's disease, mixed cellularity, unspecified site, extranodal and solid organ sites
1	Cancers	20161	Hodgkin's disease, mixed cellularity, lymph nodes of head, face, and neck
1	Cancers	20162	Hodgkin's disease, mixed cellularity, intrathoracic lymph nodes
1	Cancers	20163	Hodgkin's disease, mixed cellularity, intra-abdominal lymph nodes

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1	Cancers	20164	Hodgkin's disease, mixed cellularity, lymph nodes of axilla and upper limb
1	Cancers	20165	Hodgkin's disease, mixed cellularity, lymph nodes of inguinal region and lower limb
1	Cancers	20166	Hodgkin's disease, mixed cellularity, intrapelvic lymph nodes
1	Cancers	20167	Hodgkin's disease, mixed cellularity, spleen
1	Cancers	20168	Hodgkin's disease, mixed cellularity, lymph nodes of multiple sites
1	Cancers	20170	Hodgkin's disease, lymphocytic depletion, unspecified site, extranodal and solid organ sites
1	Cancers	20171	Hodgkin's disease, lymphocytic depletion, lymph nodes of head, face, and neck
1	Cancers	20172	Hodgkin's disease, lymphocytic depletion, intrathoracic lymph nodes
1	Cancers	20173	Hodgkin's disease, lymphocytic depletion, intra-abdominal lymph nodes
1	Cancers	20174	Hodgkin's disease, lymphocytic depletion, lymph nodes of axilla and upper limb
1	Cancers	20175	Hodgkin's disease, lymphocytic depletion, lymph nodes of inguinal region and lower limb
1	Cancers	20176	Hodgkin's disease, lymphocytic depletion, intrapelvic lymph nodes
1	Cancers	20177	Hodgkin's disease, lymphocytic depletion, spleen
1	Cancers	20178	Hodgkin's disease, lymphocytic depletion, lymph nodes of multiple sites
1	Cancers	20190	Hodgkin's disease, unspecified type, unspecified site, extranodal and solid organ sites
1	Cancers	20191	Hodgkin's disease, unspecified type, lymph nodes of head, face, and neck
1	Cancers	20192	Hodgkin's disease, unspecified type, intrathoracic lymph nodes
1	Cancers	20193	Hodgkin's disease, unspecified type, intra-abdominal lymph nodes
1	Cancers	20194	Hodgkin's disease, unspecified type, lymph nodes of axilla and upper limb
1	Cancers	20195	Hodgkin's disease, unspecified type, lymph nodes of inguinal region and lower limb
1	Cancers	20196	Hodgkin's disease, unspecified type, intrapelvic lymph nodes
1	Cancers	20197	Hodgkin's disease, unspecified type, spleen
1	Cancers	20198	Hodgkin's disease, unspecified type, lymph nodes of multiple sites
1	Cancers	20200	Nodular lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20201	Nodular lymphoma, lymph nodes of head, face, and neck
1	Cancers	20202	Nodular lymphoma, intrathoracic lymph nodes
1	Cancers	20203	Nodular lymphoma, intra-abdominal lymph nodes
1	Cancers	20204	Nodular lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20205	Nodular lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20206	Nodular lymphoma, intrapelvic lymph nodes
1	Cancers	20207	Nodular lymphoma, spleen
1	Cancers	20208	Nodular lymphoma, lymph nodes of multiple sites
1	Cancers	20210	Mycosis fungoides, unspecified site, extranodal and solid organ sites
1	Cancers	20211	Mycosis fungoides, lymph nodes of head, face, and neck
1	Cancers	20212	Mycosis fungoides, intrathoracic lymph nodes
1	Cancers	20213	Mycosis fungoides, intra-abdominal lymph nodes
1	Cancers	20214	Mycosis fungoides, lymph nodes of axilla and upper limb
1	Cancers	20215	Mycosis fungoides, lymph nodes of inguinal region and lower limb
1	Cancers	20216	Mycosis fungoides, intrapelvic lymph nodes
1	Cancers	20217	Mycosis fungoides, spleen
1	Cancers	20218	Mycosis fungoides, lymph nodes of multiple sites
1	Cancers	20220	Sezary's disease, unspecified site, extranodal and solid organ sites
1	Cancers	20221	Sezary's disease, lymph nodes of head, face, and neck
1	Cancers	20222	Sezary's disease, intrathoracic lymph nodes
1	Cancers	20223	Sezary's disease, intra-abdominal lymph nodes
1	Cancers	20224	Sezary's disease, lymph nodes of axilla and upper limb
1	Cancers	20225	Sezary's disease, lymph nodes of inguinal region and lower limb
1	Cancers	20226	Sezary's disease, intrapelvic lymph nodes
1	Cancers	20227	Sezary's disease, spleen

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
1	Cancers	20228	Sezary's disease, lymph nodes of multiple sites
1	Cancers	20230	Malignant histiocytosis, unspecified site, extranodal and solid organ sites
1	Cancers	20231	Malignant histiocytosis, lymph nodes of head, face, and neck
1	Cancers	20232	Malignant histiocytosis, intrathoracic lymph nodes
1	Cancers	20233	Malignant histiocytosis, intra-abdominal lymph nodes
1	Cancers	20234	Malignant histiocytosis, lymph nodes of axilla and upper limb
1	Cancers	20235	Malignant histiocytosis, lymph nodes of inguinal region and lower limb
1	Cancers	20236	Malignant histiocytosis, intrapelvic lymph nodes
1	Cancers	20237	Malignant histiocytosis, spleen
1	Cancers	20238	Malignant histiocytosis, lymph nodes of multiple sites
1	Cancers	20240	Leukemic reticuloendotheliosis, unspecified site, extranodal and solid organ sites
1	Cancers	20241	Leukemic reticuloendotheliosis, lymph nodes of head, face, and neck
1	Cancers	20242	Leukemic reticuloendotheliosis, intrathoracic lymph nodes
1	Cancers	20243	Leukemic reticuloendotheliosis, intra-abdominal lymph nodes
1	Cancers	20244	Leukemic reticuloendotheliosis, lymph nodes of axilla and upper arm
1	Cancers	20245	Leukemic reticuloendotheliosis, lymph nodes of inguinal region and lower limb
1	Cancers	20246	Leukemic reticuloendotheliosis, intrapelvic lymph nodes
1	Cancers	20247	Leukemic reticuloendotheliosis, spleen
1	Cancers	20248	Leukemic reticuloendotheliosis, lymph nodes of multiples sites
1	Cancers	20250	Letterer-siwe disease, unspecified site, extranodal and solid organ sites
1	Cancers	20251	Letterer-siwe disease, lymph nodes of head, face, and neck
1	Cancers	20252	Letterer-siwe disease, intrathoracic lymph nodes
1	Cancers	20253	Letterer-siwe disease, intra-abdominal lymph nodes
1	Cancers	20254	Letterer-siwe disease, lymph nodes of axilla and upper limb
1	Cancers	20255	Letterer-siwe disease, lymph nodes of inguinal region and lower limb
1	Cancers	20256	Letterer-siwe disease, intrapelvic lymph nodes
1	Cancers	20257	Letterer-siwe disease, spleen
1	Cancers	20258	Letterer-siwe disease, lymph nodes of multiple sites
1	Cancers	20260	Malignant mast cell tumors, unspecified site, extranodal and solid organ sites
1	Cancers	20261	Malignant mast cell tumors, lymph nodes of head, face, and neck
1	Cancers	20262	Malignant mast cell tumors, intrathoracic lymph nodes
1	Cancers	20263	Malignant mast cell tumors, intra-abdominal lymph nodes
1	Cancers	20264	Malignant mast cell tumors, lymph nodes of axilla and upper limb
1	Cancers	20265	Malignant mast cell tumors, lymph nodes of inguinal region and lower limb
1	Cancers	20266	Malignant mast cell tumors, intrapelvic lymph nodes
1	Cancers	20267	Malignant mast cell tumors, spleen
1	Cancers	20268	Malignant mast cell tumors, lymph nodes of multiple sites
1	Cancers	20270	Peripheral T cell lymphoma, unspecified site, extranodal and solid organ sites
1	Cancers	20271	Peripheral T cell lymphoma, lymph nodes of head, face, and neck
1	Cancers	20272	Peripheral T cell lymphoma, intrathoracic lymph nodes
1	Cancers	20273	Peripheral T cell lymphoma, intra-abdominal lymph nodes
1	Cancers	20274	Peripheral T cell lymphoma, lymph nodes of axilla and upper limb
1	Cancers	20275	Peripheral T cell lymphoma, lymph nodes of inguinal region and lower limb
1	Cancers	20276	Peripheral T cell lymphoma, intrapelvic lymph nodes
1	Cancers	20277	Peripheral T cell lymphoma, spleen
1	Cancers	20278	Peripheral T cell lymphoma, lymph nodes of multiple sites
1	Cancers	20280	Other malignant lymphomas, unspecified site, extranodal and solid organ sites
1	Cancers	20281	Other malignant lymphomas, lymph nodes of head, face, and neck
1	Cancers	20282	Other malignant lymphomas, intrathoracic lymph nodes

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
1	Cancers	20283	Other malignant lymphomas, intra-abdominal lymph nodes
1	Cancers	20284	Other malignant lymphomas, lymph nodes of axilla and upper limb
1	Cancers	20285	Other malignant lymphomas, lymph nodes of inguinal region and lower limb
1	Cancers	20286	Other malignant lymphomas, intrapelvic lymph nodes
1	Cancers	20287	Other malignant lymphomas, spleen
1	Cancers	20288	Other malignant lymphomas, lymph nodes of multiple sites
1	Cancers	20290	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, unspecified site, extranodal and solid organ sites
1	Cancers	20291	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, lymph nodes of head, face, and neck
1	Cancers	20292	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, intrathoracic lymph nodes
1	Cancers	20293	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, intra-abdominal lymph nodes
1	Cancers	20294	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, lymph nodes of axilla and upper limb
1	Cancers	20295	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, lymph nodes of inguinal region and lower limb
1	Cancers	20296	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, intrapelvic lymph nodes
1	Cancers	20297	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, spleen
1	Cancers	20298	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, lymph nodes of multiple sites
1	Cancers	20300	Multiple myeloma, without mention of having achieved remission
1	Cancers	20301	Multiple myeloma, in remission
1	Cancers	20302	Multiple myeloma, in relapse
1	Cancers	20310	Plasma cell leukemia, without mention of having achieved remission
1	Cancers	20311	Plasma cell leukemia, in remission
1	Cancers	20312	Plasma cell leukemia, in relapse
1	Cancers	20380	Other immunoproliferative neoplasms, without mention of having achieved remission
1	Cancers	20381	Other immunoproliferative neoplasms, in remission
1	Cancers	20382	Other immunoproliferative neoplasms, in relapse
1	Cancers	20400	Acute lymphoid leukemia, without mention of having achieved remission
1	Cancers	20401	Acute lymphoid leukemia, in remission
1	Cancers	20402	Acute lymphoid leukemia, in relapse
1	Cancers	20410	Chronic lymphoid leukemia, without mention of having achieved remission
1	Cancers	20411	Chronic lymphoid leukemia, in remission
1	Cancers	20412	Chronic lymphoid leukemia, in relapse
1	Cancers	20420	Subacute lymphoid leukemia, without mention of having achieved remission
1	Cancers	20421	Subacute lymphoid leukemia, in remission
1	Cancers	20422	Subacute lymphoid leukemia, in relapse
1	Cancers	20480	Other lymphoid leukemia, without mention of having achieved remission
1	Cancers	20481	Other lymphoid leukemia, in remission
1	Cancers	20482	Other lymphoid leukemia, in relapse
1	Cancers	20490	Unspecified lymphoid leukemia, without mention of having achieved remission
1	Cancers	20491	Unspecified lymphoid leukemia, in remission
1	Cancers	20492	Unspecified lymphoid leukemia, in relapse
1	Cancers	20500	Acute myeloid leukemia, without mention of having achieved remission
1	Cancers	20501	Acute myeloid leukemia, in remission
1	Cancers	20502	Acute myeloid leukemia, in relapse
1	Cancers	20510	Chronic myeloid leukemia, without mention of having achieved remission
1	Cancers	20511	Chronic myeloid leukemia, in remission
1	Cancers	20512	Chronic myeloid leukemia, in relapse
1	Cancers	20520	Subacute myeloid leukemia, without mention of having achieved remission
1	Cancers	20521	Subacute myeloid leukemia, in remission
1	Cancers	20522	Subacute myeloid leukemia, in relapse
1	Cancers	20530	Myeloid sarcoma, without mention of having achieved remission

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1	Cancers	20531	Myeloid sarcoma, in remission
1	Cancers	20532	Myeloid sarcoma, in relapse
1	Cancers	20580	Other myeloid leukemia, without mention of having achieved remission
1	Cancers	20581	Other myeloid leukemia, in remission
1	Cancers	20582	Other myeloid leukemia, in relapse
1	Cancers	20590	Unspecified myeloid leukemia, without mention of having achieved remission
1	Cancers	20591	Unspecified myeloid leukemia, in remission
1	Cancers	20592	Unspecified myeloid leukemia, in relapse
1	Cancers	20600	Acute monocytic leukemia, without mention of having achieved remission
1	Cancers	20601	Acute monocytic leukemia, in remission
1	Cancers	20602	Acute monocytic leukemia, in relapse
1	Cancers	20610	Chronic monocytic leukemia, without mention of having achieved remission
1	Cancers	20611	Chronic monocytic leukemia, in remission
1	Cancers	20612	Chronic monocytic leukemia, in relapse
1	Cancers	20620	Subacute monocytic leukemia, without mention of having achieved remission
1	Cancers	20621	Subacute monocytic leukemia, in remission
1	Cancers	20622	Subacute monocytic leukemia, in relapse
1	Cancers	20680	Other monocytic leukemia, without mention of having achieved remission
1	Cancers	20681	Other monocytic leukemia, in remission
1	Cancers	20682	Other monocytic leukemia, in relapse
1	Cancers	20690	Unspecified monocytic leukemia, without mention of having achieved remission
1	Cancers	20691	Unspecified monocytic leukemia, in remission
1	Cancers	20692	Unspecified monocytic leukemia, in relapse
1	Cancers	20700	Acute erythremia and erythroleukemia, without mention of having achieved remission
1	Cancers	20701	Acute erythremia and erythroleukemia, in remission
1	Cancers	20702	Acute erythremia and erythroleukemia, in relapse
1	Cancers	20710	Chronic erythremia, without mention of having achieved remission
1	Cancers	20711	Chronic erythremia, in remission
1	Cancers	20712	Chronic erythremia, in relapse
1	Cancers	20720	Megakaryocytic leukemia, without mention of having achieved remission
1	Cancers	20721	Megakaryocytic leukemia, in remission
1	Cancers	20722	Megakaryocytic leukemia, in relapse
1	Cancers	20780	Other specified leukemia, without mention of having achieved remission
1	Cancers	20781	Other specified leukemia, in remission
1	Cancers	20782	Other specified leukemia, in relapse
1	Cancers	20800	Acute leukemia of unspecified cell type, without mention of having achieved remission
1	Cancers	20801	Acute leukemia of unspecified cell type, in remission
1	Cancers	20802	Acute leukemia of unspecified cell type, in relapse
1	Cancers	20810	Chronic leukemia of unspecified cell type, without mention of having achieved remission
1	Cancers	20811	Chronic leukemia of unspecified cell type, in remission
1	Cancers	20812	Chronic leukemia of unspecified cell type, in relapse
1	Cancers	20820	Subacute leukemia of unspecified cell type, without mention of having achieved remission
1	Cancers	20821	Subacute leukemia of unspecified cell type, in remission
1	Cancers	20822	Subacute leukemia of unspecified cell type, in relapse
1	Cancers	20880	Other leukemia of unspecified cell type, without mention of having achieved remission
1	Cancers	20881	Other leukemia of unspecified cell type, in remission
1	Cancers	20882	Other leukemia of unspecified cell type, in relapse
1	Cancers	20890	Unspecified leukemia, without mention of having achieved remission
1	Cancers	20891	Unspecified leukemia, in remission

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
1	Cancers	20892	Unspecified leukemia, in relapse
1	Cancers	20900	Malignant carcinoid tumor of the small intestine, unspecified portion
1	Cancers	20901	Malignant carcinoid tumor of the duodenum
1	Cancers	20902	Malignant carcinoid tumor of the jejunum
1	Cancers	20903	Malignant carcinoid tumor of the ileum
1	Cancers	20910	Malignant carcinoid tumor of the large intestine, unspecified portion
1	Cancers	20911	Malignant carcinoid tumor of the appendix
1	Cancers	20912	Malignant carcinoid tumor of the cecum
1	Cancers	20913	Malignant carcinoid tumor of the ascending colon
1	Cancers	20914	Malignant carcinoid tumor of the transverse colon
1	Cancers	20915	Malignant carcinoid tumor of the descending colon
1	Cancers	20916	Malignant carcinoid tumor of the sigmoid colon
1	Cancers	20917	Malignant carcinoid tumor of the rectum
1	Cancers	20920	Malignant carcinoid tumor of unknown primary site
1	Cancers	20921	Malignant carcinoid tumor of the bronchus and lung
1	Cancers	20922	Malignant carcinoid tumor of the thymus
1	Cancers	20923	Malignant carcinoid tumor of the stomach
1	Cancers	20924	Malignant carcinoid tumor of the kidney
1	Cancers	20925	Malignant carcinoid tumor of foregut, not otherwise specified
1	Cancers	20926	Malignant carcinoid tumor of midgut, not otherwise specified
1	Cancers	20927	Malignant carcinoid tumor of hindgut, not otherwise specified
1	Cancers	20929	Malignant carcinoid tumor of other sites
1	Cancers	20930	Malignant poorly differentiated neuroendocrine carcinoma, any site
1	Cancers	20971	Secondary neuroendocrine tumor of distant lymph nodes
1	Cancers	20972	Secondary neuroendocrine tumor of liver
1	Cancers	20973	Secondary neuroendocrine tumor of bone
1	Cancers	20974	Secondary neuroendocrine tumor of peritoneum
1	Cancers	20979	Secondary neuroendocrine tumor of other sites
1	Cancers	2592	Carcinoid syndrome
1	Cancers	7595	Tuberous sclerosis
1	Cancers	7596	Other hamartoses, not elsewhere classified
2	Protein-Calorie Malnutrition	260	Kwashiorkor
2	Protein-Calorie Malnutrition	261	Nutritional marasmus
2	Protein-Calorie Malnutrition	262	Other severe protein-calorie malnutrition
2	Protein-Calorie Malnutrition	2632	Arrested development following protein-calorie malnutrition
2	Protein-Calorie Malnutrition	2638	Other protein-calorie malnutrition
2	Protein-Calorie Malnutrition	2639	Unspecified protein-calorie malnutrition
2	Protein-Calorie Malnutrition	7994	Cachexia
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	2760	Hyperosmolality and/or hypernatremia
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	2761	Hyposmolality and/or hyponatremia
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	2762	Acidosis
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	2763	Alkalosis
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	2764	Mixed acid-base balance disorder
3	Disorders of Fluid/Electrolyte/Acid-Base Balance	27788	Tumor lysis syndrome
4	Other Endocrine/Metabolic/Nutritional Disorders	24201	Toxic diffuse goiter with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	24211	Toxic uninodular goiter with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	24221	Toxic multinodular goiter with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	24231	Toxic nodular goiter, unspecified type, with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	24241	Thyrotoxicosis from ectopic thyroid nodule with mention of thyrotoxic crisis or storm

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
4	Other Endocrine/Metabolic/Nutritional Disorders	24281	Thyrotoxicosis of other specified origin with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	24291	Thyrotoxicosis without mention of goiter or other cause, with mention of thyrotoxic crisis or storm
4	Other Endocrine/Metabolic/Nutritional Disorders	2450	Acute thyroiditis
4	Other Endocrine/Metabolic/Nutritional Disorders	2463	Hemorrhage and infarction of thyroid
4	Other Endocrine/Metabolic/Nutritional Disorders	2513	Postsurgical hypoinsulinemia
4	Other Endocrine/Metabolic/Nutritional Disorders	2650	Beriberi
4	Other Endocrine/Metabolic/Nutritional Disorders	2651	Other and unspecified manifestations of thiamine deficiency
4	Other Endocrine/Metabolic/Nutritional Disorders	2660	Ariboflavinosis
4	Other Endocrine/Metabolic/Nutritional Disorders	27803	Obesity hypoventilation syndrome
4	Other Endocrine/Metabolic/Nutritional Disorders	V8541	Body Mass Index 40.0-44.9, adult
4	Other Endocrine/Metabolic/Nutritional Disorders	V8542	Body Mass Index 45.0-49.9, adult
4	Other Endocrine/Metabolic/Nutritional Disorders	V8543	Body Mass Index 50.0-59.9, adult
4	Other Endocrine/Metabolic/Nutritional Disorders	V8544	Body Mass Index 60.0-69.9, adult
4	Other Endocrine/Metabolic/Nutritional Disorders	V8545	Body Mass Index 70 and over, adult
5	Other Hepatitis and Liver Disease	07030	Viral hepatitis B without mention of hepatic coma, acute or unspecified, without mention of hepatitis delta
5	Other Hepatitis and Liver Disease	07031	Viral hepatitis B without mention of hepatic coma, acute or unspecified, with hepatitis delta
5	Other Hepatitis and Liver Disease	07051	Acute hepatitis C without mention of hepatic coma
5	Other Hepatitis and Liver Disease	07052	Hepatitis delta without mention of active hepatitis B disease or hepatic coma
5	Other Hepatitis and Liver Disease	07053	Hepatitis E without mention of hepatic coma
5	Other Hepatitis and Liver Disease	07059	Other specified viral hepatitis without mention of hepatic coma
5	Other Hepatitis and Liver Disease	09162	Secondary syphilitic hepatitis
5	Other Hepatitis and Liver Disease	0953	Syphilis of liver
5	Other Hepatitis and Liver Disease	1220	Echinococcus granulosus infection of liver
5	Other Hepatitis and Liver Disease	1225	Echinococcus multilocularis infection of liver
5	Other Hepatitis and Liver Disease	1228	Echinococcosis, unspecified, of liver
5	Other Hepatitis and Liver Disease	1305	Hepatitis due to toxoplasmosis
5	Other Hepatitis and Liver Disease	452	Portal vein thrombosis
5	Other Hepatitis and Liver Disease	5732	Hepatitis in other infectious diseases classified elsewhere
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0030	Salmonella gastroenteritis
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00329	Other localized salmonella infections
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0038	Other specified salmonella infections
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0039	Salmonella infection, unspecified
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0040	Shigella dysenteriae
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00800	Intestinal infection due to E. coli, unspecified
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00801	Intestinal infection due to enteropathogenic E. coli
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00802	Intestinal infection due to enterotoxigenic E. coli
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00803	Intestinal infection due to enteroinvasive E. coli
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00804	Intestinal infection due to enterohemorrhagic E. coli
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00809	Intestinal infection due to other intestinal E. coli infections
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0081	Intestinal infection due to arizona group of paracolon bacilli
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0082	Intestinal infection due to aerobacter aerogenes
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0083	Intestinal infection due to proteus (mirabilis) (morganii)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00841	Intestinal infection due to staphylococcus
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00842	Intestinal infection due to pseudomonas
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00843	Intestinal infection due to campylobacter
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00844	Intestinal infection due to yersinia enterocolitica
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00845	Intestinal infection due to Clostridium difficile
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00846	Intestinal infection due to other anaerobes
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00847	Intestinal infection due to other gram-negative bacteria

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6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	00849	Intestinal infection due to other organisms
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	0085	Bacterial enteritis, unspecified
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53020	Ulcer of esophagus without bleeding
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53021	Ulcer of esophagus with bleeding
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5307	Gastroesophageal laceration-hemorrhage syndrome
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53082	Esophageal hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53100	Acute gastric ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53101	Acute gastric ulcer with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53130	Acute gastric ulcer without mention of hemorrhage or perforation, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53131	Acute gastric ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53140	Chronic or unspecified gastric ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53141	Chronic or unspecified gastric ulcer with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53171	Chronic gastric ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53191	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53200	Acute duodenal ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53201	Acute duodenal ulcer with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53230	Acute duodenal ulcer without mention of hemorrhage or perforation, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53231	Acute duodenal ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53240	Chronic or unspecified duodenal ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53241	Chronic or unspecified duodenal ulcer with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53271	Chronic duodenal ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53291	Duodenal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53300	Acute peptic ulcer of unspecified site with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53301	Acute peptic ulcer of unspecified site with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53330	Acute peptic ulcer of unspecified site without mention of hemorrhage and perforation, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53331	Acute peptic ulcer of unspecified site without mention of hemorrhage and perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53340	Chronic or unspecified peptic ulcer of unspecified site with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53341	Chronic or unspecified peptic ulcer of unspecified site with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53371	Chronic peptic ulcer of unspecified site without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53391	Peptic ulcer of unspecified site, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53400	Acute gastrojejunal ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53401	Acute gastrojejunal ulcer, with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53430	Acute gastrojejunal ulcer without mention of hemorrhage or perforation, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53431	Acute gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53440	Chronic or unspecified gastrojejunal ulcer with hemorrhage, without mention of obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53441	Chronic or unspecified gastrojejunal ulcer, with hemorrhage, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53471	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53491	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53501	Acute gastritis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53511	Atrophic gastritis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53521	Gastric mucosal hypertrophy, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53531	Alcoholic gastritis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53541	Other specified gastritis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53551	Unspecified gastritis and gastroduodenitis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53561	Duodenitis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53571	Eosinophilic gastritis, with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5370	Acquired hypertrophic pyloric stenosis
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5373	Other obstruction of duodenum
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5374	Fistula of stomach or duodenum

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6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53783	Angiodysplasia of stomach and duodenum with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	53784	Dieulafoy lesion (hemorrhagic) of stomach and duodenum
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	538	Gastrointestinal mucositis (ulcerative)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55100	Femoral hernia with gangrene, unilateral or unspecified (not specified as recurrent)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55101	Femoral hernia with gangrene, unilateral or unspecified, recurrent
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55102	Femoral hernia with gangrene, bilateral (not specified as recurrent)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55103	Femoral hernia with gangrene, bilateral, recurrent
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5511	Umbilical hernia with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55120	Ventral hernia, unspecified, with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55121	Incisional ventral hernia, with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55129	Other ventral hernia with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5513	Diaphragmatic hernia with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5518	Hernia of other specified sites, with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5519	Hernia of unspecified site, with gangrene
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55200	Femoral hernia with obstruction, unilateral or unspecified (not specified as recurrent)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55201	Femoral hernia with obstruction, unilateral or unspecified, recurrent
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55202	Femoral hernia with obstruction, bilateral (not specified as recurrent)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55203	Femoral hernia with obstruction, bilateral, recurrent
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5521	Umbilical hernia with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55220	Ventral, unspecified, hernia with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55221	Incisional ventral hernia with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	55229	Other ventral hernia with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5523	Diaphragmatic hernia with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5528	Hernia of other specified sites, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5529	Hernia of unspecified site, with obstruction
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56202	Diverticulosis of small intestine with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56203	Diverticulitis of small intestine with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56212	Diverticulosis of colon with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56213	Diverticulitis of colon with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56881	Hemoperitoneum (nontraumatic)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56882	Peritoneal effusion (chronic)
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5695	Abscess of intestine
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56981	Fistula of intestine, excluding rectum and anus
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56982	Ulceration of intestine
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56985	Angiodysplasia of intestine with hemorrhage
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	56986	Dieulafoy lesion (hemorrhagic) of intestine
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5780	Hematemesis
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5781	Blood in stool
6	Peptic Ulcer, Hemorrhage, Other Specified Gastrointestinal Disorders	5789	Hemorrhage of gastrointestinal tract, unspecified
7	Other Musculoskeletal and Connective Tissue Disorders	71411	Uric acid nephrolithiasis
7	Other Musculoskeletal and Connective Tissue Disorders	71910	Hemarthrosis, site unspecified
7	Other Musculoskeletal and Connective Tissue Disorders	71911	Hemarthrosis, shoulder region
7	Other Musculoskeletal and Connective Tissue Disorders	71912	Hemarthrosis, upper arm
7	Other Musculoskeletal and Connective Tissue Disorders	71913	Hemarthrosis, forearm
7	Other Musculoskeletal and Connective Tissue Disorders	71914	Hemarthrosis, hand
7	Other Musculoskeletal and Connective Tissue Disorders	71915	Hemarthrosis, pelvic region and thigh
7	Other Musculoskeletal and Connective Tissue Disorders	71916	Hemarthrosis, lower leg
7	Other Musculoskeletal and Connective Tissue Disorders	71917	Hemarthrosis, ankle and foot
7	Other Musculoskeletal and Connective Tissue Disorders	71918	Hemarthrosis, other specified sites

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7	Other Musculoskeletal and Connective Tissue Disorders	71919	Hemarthrosis, multiple sites
7	Other Musculoskeletal and Connective Tissue Disorders	7280	Infective myositis
7	Other Musculoskeletal and Connective Tissue Disorders	72888	Rhabdomyolysis
7	Other Musculoskeletal and Connective Tissue Disorders	72971	Nontraumatic compartment syndrome of upper extremity
7	Other Musculoskeletal and Connective Tissue Disorders	72972	Nontraumatic compartment syndrome of lower extremity
7	Other Musculoskeletal and Connective Tissue Disorders	72973	Nontraumatic compartment syndrome of abdomen
7	Other Musculoskeletal and Connective Tissue Disorders	72979	Nontraumatic compartment syndrome of other sites
7	Other Musculoskeletal and Connective Tissue Disorders	75489	Other specified nonteratogenic anomalies
7	Other Musculoskeletal and Connective Tissue Disorders	75555	Acrocephalosyndactyly
7	Other Musculoskeletal and Connective Tissue Disorders	7563	Other anomalies of ribs and sternum
7	Other Musculoskeletal and Connective Tissue Disorders	75670	Anomaly of abdominal wall, unspecified
7	Other Musculoskeletal and Connective Tissue Disorders	75671	Prune belly syndrome
7	Other Musculoskeletal and Connective Tissue Disorders	75679	Other congenital anomalies of abdominal wall
7	Other Musculoskeletal and Connective Tissue Disorders	83900	Closed dislocation, cervical vertebra, unspecified
7	Other Musculoskeletal and Connective Tissue Disorders	83901	Closed dislocation, first cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83902	Closed dislocation, second cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83903	Closed dislocation, third cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83904	Closed dislocation, fourth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83905	Closed dislocation, fifth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83906	Closed dislocation, sixth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83907	Closed dislocation, seventh cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83908	Closed dislocation, multiple cervical vertebrae
7	Other Musculoskeletal and Connective Tissue Disorders	83910	Open dislocation, cervical vertebra, unspecified
7	Other Musculoskeletal and Connective Tissue Disorders	83911	Open dislocation, first cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83912	Open dislocation, second cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83913	Open dislocation, third cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83914	Open dislocation, fourth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83915	Open dislocation, fifth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83916	Open dislocation, sixth cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83917	Open dislocation, seventh cervical vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83918	Open dislocation, multiple cervical vertebrae
7	Other Musculoskeletal and Connective Tissue Disorders	83930	Open dislocation, lumbar vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83931	Open dislocation, thoracic vertebra
7	Other Musculoskeletal and Connective Tissue Disorders	83950	Open dislocation, vertebra, unspecified site
7	Other Musculoskeletal and Connective Tissue Disorders	83951	Open dislocation, coccyx
7	Other Musculoskeletal and Connective Tissue Disorders	83952	Open dislocation, sacrum
7	Other Musculoskeletal and Connective Tissue Disorders	83959	Open dislocation, vertebra, other
8	Blood Disorders	23873	High grade myelodysplastic syndrome lesions
8	Blood Disorders	23874	Myelodysplastic syndrome with 5q deletion
8	Blood Disorders	23876	Myelofibrosis with myeloid metaplasia
8	Blood Disorders	23877	Post-transplant lymphoproliferative disorder (PTLD)
8	Blood Disorders	23879	Other lymphatic and hematopoietic tissues
8	Blood Disorders	28242	Sickle-cell thalassemia with crisis
8	Blood Disorders	28262	Hb-SS disease with crisis
8	Blood Disorders	28264	Sickle-cell/Hb-C disease with crisis
8	Blood Disorders	28269	Other sickle-cell disease with crisis
8	Blood Disorders	2828	Other specified hereditary hemolytic anemias
8	Blood Disorders	2829	Hereditary hemolytic anemia, unspecified
8	Blood Disorders	2830	Autoimmune hemolytic anemias

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8	Blood Disorders	28310	Non-autoimmune hemolytic anemia, unspecified
8	Blood Disorders	28311	Hemolytic-uremic syndrome
8	Blood Disorders	28319	Other non-autoimmune hemolytic anemias
8	Blood Disorders	2839	Acquired hemolytic anemia, unspecified
8	Blood Disorders	28401	Constitutional red blood cell aplasia
8	Blood Disorders	28409	Other constitutional aplastic anemia
8	Blood Disorders	2841	Pancytopenia
8	Blood Disorders	2842	Myelophthisis
8	Blood Disorders	28481	Red cell aplasia (acquired)(adult)(with thymoma)
8	Blood Disorders	28489	Other specified aplastic anemias
8	Blood Disorders	2849	Aplastic anemia, unspecified
8	Blood Disorders	2860	Congenital factor VIII disorder
8	Blood Disorders	2861	Congenital factor IX disorder
8	Blood Disorders	2862	Congenital factor XI deficiency
8	Blood Disorders	2863	Congenital deficiency of other clotting factors
8	Blood Disorders	2864	Von Willebrand's disease
8	Blood Disorders	2865	Hemorrhagic disorder due to intrinsic circulating anticoagulants
8	Blood Disorders	2866	Defibrination syndrome
8	Blood Disorders	2867	Acquired coagulation factor deficiency
8	Blood Disorders	2869	Other and unspecified coagulation defects
8	Blood Disorders	2870	Allergic purpura
8	Blood Disorders	28731	Immune thrombocytopenic purpura
8	Blood Disorders	28732	Evans' syndrome
8	Blood Disorders	28733	Congenital and hereditary thrombocytopenic purpura
8	Blood Disorders	28981	Primary hypercoagulable state
8	Blood Disorders	28982	Secondary hypercoagulable state
8	Blood Disorders	28983	Myelofibrosis
8	Blood Disorders	5173	Acute chest syndrome
9	Other Developmental Disability	7594	Conjoined twins
9	Other Developmental Disability	75989	Other specified congenital anomalies
10	Brain/Head Injury	3481	Anoxic brain damage
10	Brain/Head Injury	3484	Compression of brain
10	Brain/Head Injury	3485	Cerebral edema
10	Brain/Head Injury	78001	Coma
10	Brain/Head Injury	78003	Persistent vegetative state
10	Brain/Head Injury	80000	Closed fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness
10	Brain/Head Injury	80001	Closed fracture of vault of skull without mention of intracranial injury, with no loss of consciousness
10	Brain/Head Injury	80002	Closed fracture of vault of skull without mention of intracranial injury, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80006	Closed fracture of vault of skull without mention of intracranial injury, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80009	Closed fracture of vault of skull without mention of intracranial injury, with concussion, unspecified
10	Brain/Head Injury	80010	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness
10	Brain/Head Injury	80011	Closed fracture of vault of skull with cerebral laceration and contusion, with no loss of consciousness
10	Brain/Head Injury	80012	Closed fracture of vault of skull with cerebral laceration and contusion, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80016	Closed fracture of vault of skull with cerebral laceration and contusion, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80019	Closed fracture of vault of skull with cerebral laceration and contusion, with concussion, unspecified
10	Brain/Head Injury	80020	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80021	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80022	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80026	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, with loss of consciousness of unspecified duration

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10	Brain/Head Injury	80126	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80129	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80130	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80131	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80132	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80136	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80139	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80140	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness
10	Brain/Head Injury	80141	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with no loss of consciousness
10	Brain/Head Injury	80142	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80146	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80149	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with concussion, unspecified
10	Brain/Head Injury	80150	Open fracture of base of skull without mention of intracranial injury, unspecified state of consciousness
10	Brain/Head Injury	80151	Open fracture of base of skull without mention of intracranial injury, with no loss of consciousness
10	Brain/Head Injury	80152	Open fracture of base of skull without mention of intracranial injury, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80156	Open fracture of base of skull without mention of intracranial injury, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80159	Open fracture of base of skull without mention of intracranial injury, with concussion, unspecified
10	Brain/Head Injury	80160	Open fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness
10	Brain/Head Injury	80161	Open fracture of base of skull with cerebral laceration and contusion, with no loss of consciousness
10	Brain/Head Injury	80162	Open fracture of base of skull with cerebral laceration and contusion, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80166	Open fracture of base of skull with cerebral laceration and contusion, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80169	Open fracture of base of skull with cerebral laceration and contusion, with concussion, unspecified
10	Brain/Head Injury	80170	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80171	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80172	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80176	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80179	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80180	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80181	Open fracture of base of skull with other and unspecified intracranial hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80182	Open fracture of base of skull with other and unspecified intracranial hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80186	Open fracture of base of skull with other and unspecified intracranial hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80189	Open fracture of base of skull with other and unspecified intracranial hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80190	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness
10	Brain/Head Injury	80191	Open fracture of base of skull with intracranial injury of other and unspecified nature, with no loss of consciousness
10	Brain/Head Injury	80192	Open fracture of base of skull with intracranial injury of other and unspecified nature, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80196	Open fracture of base of skull with intracranial injury of other and unspecified nature, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80199	Open fracture of base of skull with intracranial injury of other and unspecified nature, with concussion, unspecified
10	Brain/Head Injury	80220	Closed fracture of mandible, unspecified site
10	Brain/Head Injury	80221	Closed fracture of mandible, condylar process
10	Brain/Head Injury	80222	Closed fracture of mandible, subcondylar
10	Brain/Head Injury	80223	Closed fracture of mandible, coronoid process
10	Brain/Head Injury	80224	Closed fracture of mandible, ramus, unspecified
10	Brain/Head Injury	80225	Closed fracture of mandible, angle of jaw
10	Brain/Head Injury	80226	Closed fracture of mandible, symphysis of body
10	Brain/Head Injury	80227	Closed fracture of mandible, alveolar border of body
10	Brain/Head Injury	80228	Closed fracture of mandible, body, other and unspecified
10	Brain/Head Injury	80229	Closed fracture of mandible, multiple sites
10	Brain/Head Injury	80230	Open fracture of mandible, unspecified site
10	Brain/Head Injury	80231	Open fracture of mandible, condylar process

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10	Brain/Head Injury	80232	Open fracture of mandible, subcondylar
10	Brain/Head Injury	80233	Open fracture of mandible, coronoid process
10	Brain/Head Injury	80234	Open fracture of mandible, ramus, unspecified
10	Brain/Head Injury	80235	Open fracture of mandible, angle of jaw
10	Brain/Head Injury	80236	Open fracture of mandible, symphysis of body
10	Brain/Head Injury	80237	Open fracture of mandible, alveolar border of body
10	Brain/Head Injury	80238	Open fracture of mandible, body, other and unspecified
10	Brain/Head Injury	80239	Open fracture of mandible, multiple sites
10	Brain/Head Injury	8024	Closed fracture of malar and maxillary bones
10	Brain/Head Injury	8025	Open fracture of malar and maxillary bones
10	Brain/Head Injury	8026	Closed fracture of orbital floor (blow-out)
10	Brain/Head Injury	8027	Open fracture of orbital floor (blow-out)
10	Brain/Head Injury	8028	Closed fracture of other facial bones
10	Brain/Head Injury	8029	Open fracture of other facial bones
10	Brain/Head Injury	80300	Other closed skull fracture without mention of intracranial injury, unspecified state of consciousness
10	Brain/Head Injury	80301	Other closed skull fracture without mention of intracranial injury, with no loss of consciousness
10	Brain/Head Injury	80302	Other closed skull fracture without mention of intracranial injury, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80306	Other closed skull fracture without mention of intracranial injury, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80309	Other closed skull fracture without mention of intracranial injury, with concussion, unspecified
10	Brain/Head Injury	80310	Other closed skull fracture with cerebral laceration and contusion, unspecified state of consciousness
10	Brain/Head Injury	80311	Other closed skull fracture with cerebral laceration and contusion, with no loss of consciousness
10	Brain/Head Injury	80312	Other closed skull fracture with cerebral laceration and contusion, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80316	Other closed skull fracture with cerebral laceration and contusion, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80319	Other closed skull fracture with cerebral laceration and contusion, with concussion, unspecified
10	Brain/Head Injury	80320	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80321	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80322	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80326	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80329	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80330	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified state of unconsciousness
10	Brain/Head Injury	80331	Other closed skull fracture with other and unspecified intracranial hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80332	Other closed skull fracture with other and unspecified intracranial hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80336	Other closed skull fracture with other and unspecified intracranial hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80339	Other closed skull fracture with other and unspecified intracranial hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80340	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness
10	Brain/Head Injury	80341	Other closed skull fracture with intracranial injury of other and unspecified nature, with no loss of consciousness
10	Brain/Head Injury	80342	Other closed skull fracture with intracranial injury of other and unspecified nature, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80346	Other closed skull fracture with intracranial injury of other and unspecified nature, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80349	Other closed skull fracture with intracranial injury of other and unspecified nature, with concussion, unspecified
10	Brain/Head Injury	80350	Other open skull fracture without mention of injury, unspecified state of consciousness
10	Brain/Head Injury	80351	Other open skull fracture without mention of intracranial injury, with no loss of consciousness
10	Brain/Head Injury	80352	Other open skull fracture without mention of intracranial injury, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80356	Other open skull fracture without mention of intracranial injury, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80359	Other open skull fracture without mention of intracranial injury, with concussion, unspecified
10	Brain/Head Injury	80360	Other open skull fracture with cerebral laceration and contusion, unspecified state of consciousness
10	Brain/Head Injury	80361	Other open skull fracture with cerebral laceration and contusion, with no loss of consciousness
10	Brain/Head Injury	80362	Other open skull fracture with cerebral laceration and contusion, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80366	Other open skull fracture with cerebral laceration and contusion, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80369	Other open skull fracture with cerebral laceration and contusion, with concussion, unspecified

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10	Brain/Head Injury	80469	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, with concussion, unspecified
10	Brain/Head Injury	80470	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80471	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80472	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80476	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80479	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80480	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness
10	Brain/Head Injury	80481	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, with no loss of consciousness
10	Brain/Head Injury	80482	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80486	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80489	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, with concussion, unspecified
10	Brain/Head Injury	80490	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness
10	Brain/Head Injury	80491	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, with no loss of consciousness
10	Brain/Head Injury	80492	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	80496	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, with loss of consciousness of unspecified duration
10	Brain/Head Injury	80499	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, with concussion, unspecified
10	Brain/Head Injury	8502	Concussion with moderate loss of consciousness
10	Brain/Head Injury	8503	Concussion with prolonged loss of consciousness and return to pre-existing conscious level
10	Brain/Head Injury	8504	Concussion with prolonged loss of consciousness, without return to pre-existing conscious level
10	Brain/Head Injury	85102	Cortex (cerebral) contusion without mention of open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85106	Cortex (cerebral) contusion without mention of open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85110	Cortex (cerebral) contusion with open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85111	Cortex (cerebral) contusion with open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85112	Cortex (cerebral) contusion with open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85116	Cortex (cerebral) contusion with open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85119	Cortex (cerebral) contusion with open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85120	Cortex (cerebral) laceration without mention of open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85121	Cortex (cerebral) laceration without mention of open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85122	Cortex (cerebral) laceration without mention of open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85126	Cortex (cerebral) laceration without mention of open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85129	Cortex (cerebral) laceration without mention of open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85130	Cortex (cerebral) laceration with open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85131	Cortex (cerebral) laceration with open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85132	Cortex (cerebral) laceration with open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85136	Cortex (cerebral) laceration with open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85139	Cortex (cerebral) laceration with open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85142	Cerebellar or brain stem contusion without mention of open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85146	Cerebellar or brain stem contusion without mention of open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85150	Cerebellar or brain stem contusion with open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85151	Cerebellar or brain stem contusion with open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85152	Cerebellar or brain stem contusion with open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85156	Cerebellar or brain stem contusion with open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85159	Cerebellar or brain stem contusion with open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85160	Cerebellar or brain stem laceration without mention of open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85161	Cerebellar or brain stem laceration without mention of open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85162	Cerebellar or brain stem laceration without mention of open intracranial wound, with brief [less than 1 hour] loss of consciousness
10	Brain/Head Injury	85166	Cerebellar or brain stem laceration without mention of open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85169	Cerebellar or brain stem laceration without mention of open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85170	Cerebellar or brain stem laceration with open intracranial wound, unspecified state of consciousness

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
10	Brain/Head Injury	85310	Other and unspecified intracranial hemorrhage following injury with open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85311	Other and unspecified intracranial hemorrhage following injury with open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85312	Other and unspecified intracranial hemorrhage following injury with open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85316	Other and unspecified intracranial hemorrhage following injury with open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85319	Other and unspecified intracranial hemorrhage following injury with open intracranial wound, with concussion, unspecified
10	Brain/Head Injury	85402	Intracranial injury of other and unspecified nature without mention of open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85406	Intracranial injury of other and unspecified nature without mention of open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85410	Intracranial injury of other and unspecified nature with open intracranial wound, unspecified state of consciousness
10	Brain/Head Injury	85411	Intracranial injury of other and unspecified nature with open intracranial wound, with no loss of consciousness
10	Brain/Head Injury	85412	Intracranial injury of other and unspecified nature with open intracranial wound, with brief [less than one hour] loss of consciousness
10	Brain/Head Injury	85416	Intracranial injury of other and unspecified nature with open intracranial wound, with loss of consciousness of unspecified duration
10	Brain/Head Injury	85419	Intracranial injury of other and unspecified nature with open intracranial wound, with concussion, unspecified
11	Cardio-Respiratory Failure and Shock	42741	Ventricular fibrillation
11	Cardio-Respiratory Failure and Shock	42742	Ventricular flutter
11	Cardio-Respiratory Failure and Shock	4275	Cardiac arrest
11	Cardio-Respiratory Failure and Shock	5184	Acute edema of lung, unspecified
11	Cardio-Respiratory Failure and Shock	5185	Pulmonary insufficiency following trauma and surgery
11	Cardio-Respiratory Failure and Shock	51881	Acute respiratory failure
11	Cardio-Respiratory Failure and Shock	51882	Other pulmonary insufficiency, not elsewhere classified
11	Cardio-Respiratory Failure and Shock	51883	Chronic respiratory failure
11	Cardio-Respiratory Failure and Shock	51884	Acute and chronic respiratory failure
11	Cardio-Respiratory Failure and Shock	78550	Shock, unspecified
11	Cardio-Respiratory Failure and Shock	78551	Cardiogenic shock
11	Cardio-Respiratory Failure and Shock	79901	Asphyxia
12	Acute Coronary Syndrome	41001	Acute myocardial infarction of anterolateral wall, initial episode of care
12	Acute Coronary Syndrome	41011	Acute myocardial infarction of other anterior wall, initial episode of care
12	Acute Coronary Syndrome	41021	Acute myocardial infarction of inferolateral wall, initial episode of care
12	Acute Coronary Syndrome	41031	Acute myocardial infarction of inferoposterior wall, initial episode of care
12	Acute Coronary Syndrome	41041	Acute myocardial infarction of other inferior wall, initial episode of care
12	Acute Coronary Syndrome	41051	Acute myocardial infarction of other lateral wall, initial episode of care
12	Acute Coronary Syndrome	41061	True posterior wall infarction, initial episode of care
12	Acute Coronary Syndrome	41071	Subendocardial infarction, initial episode of care
12	Acute Coronary Syndrome	41081	Acute myocardial infarction of other specified sites, initial episode of care
12	Acute Coronary Syndrome	41091	Acute myocardial infarction of unspecified site, initial episode of care
12	Acute Coronary Syndrome	4110	Postmyocardial infarction syndrome
12	Acute Coronary Syndrome	4111	Intermediate coronary syndrome
12	Acute Coronary Syndrome	41181	Acute coronary occlusion without myocardial infarction
12	Acute Coronary Syndrome	41189	Other acute and subacute forms of ischemic heart disease, other
12	Acute Coronary Syndrome	4295	Rupture of chordae tendineae
12	Acute Coronary Syndrome	4296	Rupture of papillary muscle
13	Stroke/Occlusion/Cerebral Ischemia	09487	Syphilitic ruptured cerebral aneurysm
13	Stroke/Occlusion/Cerebral Ischemia	430	Subarachnoid hemorrhage
13	Stroke/Occlusion/Cerebral Ischemia	431	Intracerebral hemorrhage
13	Stroke/Occlusion/Cerebral Ischemia	4320	Nontraumatic extradural hemorrhage
13	Stroke/Occlusion/Cerebral Ischemia	4321	Subdural hemorrhage
13	Stroke/Occlusion/Cerebral Ischemia	4329	Unspecified intracranial hemorrhage
13	Stroke/Occlusion/Cerebral Ischemia	43301	Occlusion and stenosis of basilar artery with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43311	Occlusion and stenosis of carotid artery with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43321	Occlusion and stenosis of vertebral artery with cerebral infarction

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
13	Stroke/Occlusion/Cerebral Ischemia	43331	Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43381	Occlusion and stenosis of other specified precerebral artery with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43391	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43401	Cerebral thrombosis with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43411	Cerebral embolism with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	43491	Cerebral artery occlusion, unspecified with cerebral infarction
13	Stroke/Occlusion/Cerebral Ischemia	4350	Basilar artery syndrome
13	Stroke/Occlusion/Cerebral Ischemia	4351	Vertebral artery syndrome
13	Stroke/Occlusion/Cerebral Ischemia	4352	Subclavian steal syndrome
13	Stroke/Occlusion/Cerebral Ischemia	4353	Vertebrobasilar artery syndrome
13	Stroke/Occlusion/Cerebral Ischemia	4358	Other specified transient cerebral ischemias
13	Stroke/Occlusion/Cerebral Ischemia	4359	Unspecified transient cerebral ischemia
13	Stroke/Occlusion/Cerebral Ischemia	436	Acute, but ill-defined, cerebrovascular disease
14	Respiratory Illness	49121	Obstructive chronic bronchitis with (acute) exacerbation
14	Respiratory Illness	49122	Obstructive chronic bronchitis with acute bronchitis
14	Respiratory Illness	49301	Extrinsic asthma with status asthmaticus
14	Respiratory Illness	49302	Extrinsic asthma with (acute) exacerbation
14	Respiratory Illness	49311	Intrinsic asthma with status asthmaticus
14	Respiratory Illness	49312	Intrinsic asthma with (acute) exacerbation
14	Respiratory Illness	49321	Chronic obstructive asthma with status asthmaticus
14	Respiratory Illness	49322	Chronic obstructive asthma with (acute) exacerbation
14	Respiratory Illness	49391	Asthma, unspecified type, with status asthmaticus
14	Respiratory Illness	49392	Asthma, unspecified type, with (acute) exacerbation
15	Other Eye Disorders	03681	Meningococcal optic neuritis
15	Other Eye Disorders	05322	Herpes zoster iridocyclitis
15	Other Eye Disorders	05444	Herpes simplex iridocyclitis
15	Other Eye Disorders	09841	Gonococcal iridocyclitis
15	Other Eye Disorders	1302	Chorioretinitis due to toxoplasmosis
15	Other Eye Disorders	36310	Disseminated chorioretinitis, unspecified
15	Other Eye Disorders	36311	Disseminated choroiditis and chorioretinitis, posterior pole
15	Other Eye Disorders	36312	Disseminated choroiditis and chorioretinitis, peripheral
15	Other Eye Disorders	36313	Disseminated choroiditis and chorioretinitis, generalized
15	Other Eye Disorders	36314	Disseminated retinitis and retinochoroiditis, metastatic
15	Other Eye Disorders	36315	Disseminated retinitis and retinochoroiditis, pigment epitheliopathy
15	Other Eye Disorders	36320	Chorioretinitis, unspecified
15	Other Eye Disorders	36363	Choroidal rupture
15	Other Eye Disorders	36370	Choroidal detachment, unspecified
15	Other Eye Disorders	36371	Serous choroidal detachment
15	Other Eye Disorders	36372	Hemorrhagic choroidal detachment
15	Other Eye Disorders	36400	Acute and subacute iridocyclitis, unspecified
15	Other Eye Disorders	36401	Primary iridocyclitis
15	Other Eye Disorders	36402	Recurrent iridocyclitis
15	Other Eye Disorders	36403	Secondary iridocyclitis, infectious
15	Other Eye Disorders	36422	Glaucomatocyclitic crises
15	Other Eye Disorders	3643	Unspecified iridocyclitis
15	Other Eye Disorders	36811	Sudden visual loss
15	Other Eye Disorders	36812	Transient visual loss
15	Other Eye Disorders	37700	Papilledema, unspecified
15	Other Eye Disorders	37701	Papilledema associated with increased intracranial pressure

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
15	Other Eye Disorders	37730	Optic neuritis, unspecified
15	Other Eye Disorders	37731	Optic papillitis
15	Other Eye Disorders	37732	Retrobulbar neuritis (acute)
15	Other Eye Disorders	37739	Other optic neuritis
15	Other Eye Disorders	37751	Disorders of optic chiasm associated with pituitary neoplasms and disorders
15	Other Eye Disorders	37752	Disorders of optic chiasm associated with other neoplasms
15	Other Eye Disorders	37753	Disorders of optic chiasm associated with vascular disorders
15	Other Eye Disorders	37754	Disorders of optic chiasm associated with inflammatory disorders
15	Other Eye Disorders	37761	Disorders of other visual pathways associated with neoplasms
15	Other Eye Disorders	37762	Disorders of other visual pathways associated with vascular disorders
15	Other Eye Disorders	37763	Disorders of other visual pathways associated with inflammatory disorders
15	Other Eye Disorders	37771	Disorders of visual cortex associated with neoplasms
15	Other Eye Disorders	37772	Disorders of visual cortex associated with vascular disorders
15	Other Eye Disorders	37773	Disorders of visual cortex associated with inflammatory disorders
15	Other Eye Disorders	8702	Laceration of eyelid involving lacrimal passages
15	Other Eye Disorders	8703	Penetrating wound of orbit, without mention of foreign body
15	Other Eye Disorders	8704	Penetrating wound of orbit with foreign body
15	Other Eye Disorders	8708	Other specified open wounds of ocular adnexa
15	Other Eye Disorders	8709	Unspecified open wound of ocular adnexa
15	Other Eye Disorders	8710	Ocular laceration without prolapse of intraocular tissue
15	Other Eye Disorders	8711	Ocular laceration with prolapse or exposure of intraocular tissue
15	Other Eye Disorders	8712	Rupture of eye with partial loss of intraocular tissue
15	Other Eye Disorders	8713	Avulsion of eye
15	Other Eye Disorders	8715	Penetration of eyeball with magnetic foreign body
15	Other Eye Disorders	8716	Penetration of eyeball with (nonmagnetic) foreign body
15	Other Eye Disorders	8719	Unspecified open wound of eyeball
15	Other Eye Disorders	9405	Burn with resulting rupture and destruction of eyeball
16	Renal Disease	0786	Hemorrhagic nephrosonephritis
16	Renal Disease	40301	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40311	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40391	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40402	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40403	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40412	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40413	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40492	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease
16	Renal Disease	40493	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease
16	Renal Disease	5800	Acute glomerulonephritis with lesion of proliferative glomerulonephritis
16	Renal Disease	5804	Acute glomerulonephritis with lesion of rapidly progressive glomerulonephritis
16	Renal Disease	58081	Acute glomerulonephritis in diseases classified elsewhere
16	Renal Disease	58089	Acute glomerulonephritis with other specified pathological lesion in kidney
16	Renal Disease	5809	Acute glomerulonephritis with unspecified pathological lesion in kidney
16	Renal Disease	5810	Nephrotic syndrome with lesion of proliferative glomerulonephritis
16	Renal Disease	5811	Nephrotic syndrome with lesion of membranous glomerulonephritis
16	Renal Disease	5812	Nephrotic syndrome with lesion of membranoproliferative glomerulonephritis
16	Renal Disease	5813	Nephrotic syndrome with lesion of minimal change glomerulonephritis
16	Renal Disease	58181	Nephrotic syndrome in diseases classified elsewhere
16	Renal Disease	58189	Nephrotic syndrome with other specified pathological lesion in kidney
16	Renal Disease	5819	Nephrotic syndrome with unspecified pathological lesion in kidney

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
16	Renal Disease	5820	Chronic glomerulonephritis with lesion of proliferative glomerulonephritis
16	Renal Disease	5821	Chronic glomerulonephritis with lesion of membranous glomerulonephritis
16	Renal Disease	5822	Chronic glomerulonephritis with lesion of membranoproliferative glomerulonephritis
16	Renal Disease	5824	Chronic glomerulonephritis with lesion of rapidly progressive glomerulonephritis
16	Renal Disease	58281	Chronic glomerulonephritis in diseases classified elsewhere
16	Renal Disease	58289	Chronic glomerulonephritis with other specified pathological lesion in kidney
16	Renal Disease	5829	Chronic glomerulonephritis with unspecified pathological lesion in kidney
16	Renal Disease	5830	Nephritis and nephropathy, not specified as acute or chronic, with lesion of proliferative glomerulonephritis
16	Renal Disease	5831	Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranous glomerulonephritis
16	Renal Disease	5832	Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranoproliferative glomerulonephritis
16	Renal Disease	5834	Nephritis and nephropathy, not specified as acute or chronic, with lesion of rapidly progressive glomerulonephritis
16	Renal Disease	5836	Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal cortical necrosis
16	Renal Disease	5837	Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal medullary necrosis
16	Renal Disease	5845	Acute kidney failure with lesion of tubular necrosis
16	Renal Disease	5846	Acute kidney failure with lesion of renal cortical necrosis
16	Renal Disease	5847	Acute kidney failure with lesion of renal medullary [papillary] necrosis
16	Renal Disease	5848	Acute kidney failure with other specified pathological lesion in kidney
16	Renal Disease	5849	Acute kidney failure, unspecified
16	Renal Disease	5854	Chronic kidney disease, Stage IV (severe)
16	Renal Disease	5855	Chronic kidney disease, Stage V
16	Renal Disease	5856	End stage renal disease
16	Renal Disease	75314	Polycystic kidney, autosomal recessive
17	Complications of Medical Care and Trauma	3491	Nervous system complications from surgically implanted device
17	Complications of Medical Care and Trauma	34931	Accidental puncture or laceration of dura during a procedure
17	Complications of Medical Care and Trauma	9580	Air embolism
17	Complications of Medical Care and Trauma	9581	Fat embolism
17	Complications of Medical Care and Trauma	9582	Secondary and recurrent hemorrhage
17	Complications of Medical Care and Trauma	9583	Posttraumatic wound infection not elsewhere classified
17	Complications of Medical Care and Trauma	9584	Traumatic shock
17	Complications of Medical Care and Trauma	9585	Traumatic anuria
17	Complications of Medical Care and Trauma	9587	Traumatic subcutaneous emphysema
17	Complications of Medical Care and Trauma	95890	Compartment syndrome, unspecified
17	Complications of Medical Care and Trauma	95891	Traumatic compartment syndrome of upper extremity
17	Complications of Medical Care and Trauma	95892	Traumatic compartment syndrome of lower extremity
17	Complications of Medical Care and Trauma	95893	Traumatic compartment syndrome of abdomen
17	Complications of Medical Care and Trauma	95899	Traumatic compartment syndrome of other sites
17	Complications of Medical Care and Trauma	99586	Malignant hyperthermia
17	Complications of Medical Care and Trauma	99600	Mechanical complication of unspecified cardiac device, implant, and graft
17	Complications of Medical Care and Trauma	99601	Mechanical complication due to cardiac pacemaker (electrode)
17	Complications of Medical Care and Trauma	99602	Mechanical complication due to heart valve prosthesis
17	Complications of Medical Care and Trauma	99603	Mechanical complication due to coronary bypass graft
17	Complications of Medical Care and Trauma	99604	Mechanical complication of automatic implantable cardiac defibrillator
17	Complications of Medical Care and Trauma	99609	Other mechanical complication of cardiac device, implant, and graft
17	Complications of Medical Care and Trauma	9961	Mechanical complication of other vascular device, implant, and graft
17	Complications of Medical Care and Trauma	9962	Mechanical complication of nervous system device, implant, and graft
17	Complications of Medical Care and Trauma	99630	Mechanical complication of unspecified genitourinary device, implant, and graft
17	Complications of Medical Care and Trauma	99639	Other mechanical complication of genitourinary device, implant, and graft
17	Complications of Medical Care and Trauma	99640	Unspecified mechanical complication of internal orthopedic device, implant, and graft
17	Complications of Medical Care and Trauma	99641	Mechanical loosening of prosthetic joint

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
17	Complications of Medical Care and Trauma	99642	Dislocation of prosthetic joint
17	Complications of Medical Care and Trauma	99643	Broken prosthetic joint implant
17	Complications of Medical Care and Trauma	99644	Peri-prosthetic fracture around prosthetic joint
17	Complications of Medical Care and Trauma	99645	Peri-prosthetic osteolysis
17	Complications of Medical Care and Trauma	99646	Articular bearing surface wear of prosthetic joint
17	Complications of Medical Care and Trauma	99647	Other mechanical complication of prosthetic joint implant
17	Complications of Medical Care and Trauma	99649	Other mechanical complication of other internal orthopedic device, implant, and graft
17	Complications of Medical Care and Trauma	99651	Mechanical complication due to corneal graft
17	Complications of Medical Care and Trauma	99652	Mechanical complication due to graft of other tissue, not elsewhere classified
17	Complications of Medical Care and Trauma	99653	Mechanical complication due to ocular lens prosthesis
17	Complications of Medical Care and Trauma	99654	Mechanical complication due to breast prosthesis
17	Complications of Medical Care and Trauma	99655	Mechanical complication due to artificial skin graft and decellularized allodermis
17	Complications of Medical Care and Trauma	99657	Mechanical complication due to insulin pump
17	Complications of Medical Care and Trauma	99659	Mechanical complication due to other implant and internal device, not elsewhere classified
17	Complications of Medical Care and Trauma	99660	Infection and inflammatory reaction due to unspecified device, implant, and graft
17	Complications of Medical Care and Trauma	99661	Infection and inflammatory reaction due to cardiac device, implant, and graft
17	Complications of Medical Care and Trauma	99662	Infection and inflammatory reaction due to other vascular device, implant, and graft
17	Complications of Medical Care and Trauma	99663	Infection and inflammatory reaction due to nervous system device, implant, and graft
17	Complications of Medical Care and Trauma	99664	Infection and inflammatory reaction due to indwelling urinary catheter
17	Complications of Medical Care and Trauma	99665	Infection and inflammatory reaction due to other genitourinary device, implant, and graft
17	Complications of Medical Care and Trauma	99666	Infection and inflammatory reaction due to internal joint prosthesis
17	Complications of Medical Care and Trauma	99667	Infection and inflammatory reaction due to other internal orthopedic device, implant, and graft
17	Complications of Medical Care and Trauma	99669	Infection and inflammatory reaction due to other internal prosthetic device, implant, and graft
17	Complications of Medical Care and Trauma	99671	Other complications due to heart valve prosthesis
17	Complications of Medical Care and Trauma	99672	Other complications due to other cardiac device, implant, and graft
17	Complications of Medical Care and Trauma	99674	Other complications due to other vascular device, implant, and graft
17	Complications of Medical Care and Trauma	99675	Other complications due to nervous system device, implant, and graft
17	Complications of Medical Care and Trauma	99676	Other complications due to genitourinary device, implant, and graft
17	Complications of Medical Care and Trauma	99677	Other complications due to internal joint prosthesis
17	Complications of Medical Care and Trauma	99678	Other complications due to other internal orthopedic device, implant, and graft
17	Complications of Medical Care and Trauma	99679	Other complications due to other internal prosthetic device, implant, and graft
17	Complications of Medical Care and Trauma	99701	Central nervous sytem complication
17	Complications of Medical Care and Trauma	99702	Iatrogenic cerebrovascular infarction or hemorrhage
17	Complications of Medical Care and Trauma	99709	Other nervous system complications
17	Complications of Medical Care and Trauma	9971	Cardiac complications, not elsewhere classified
17	Complications of Medical Care and Trauma	9972	Peripheral vascular complications, not elsewhere classified
17	Complications of Medical Care and Trauma	99731	Ventilator associated pneumonia
17	Complications of Medical Care and Trauma	99739	Other respiratory complications
17	Complications of Medical Care and Trauma	9974	Digestive system complications, not elsewhere classified
17	Complications of Medical Care and Trauma	99771	Vascular complications of mesenteric artery
17	Complications of Medical Care and Trauma	99772	Vascular complications of renal artery
17	Complications of Medical Care and Trauma	99779	Vascular complications of other vessels
17	Complications of Medical Care and Trauma	99799	Complications affecting other specified body systems, not elsewhere classified
17	Complications of Medical Care and Trauma	9980	Postoperative shock, not elsewhere classified
17	Complications of Medical Care and Trauma	99811	Hemorrhage complicating a procedure
17	Complications of Medical Care and Trauma	99812	Hematoma complicating a procedure
17	Complications of Medical Care and Trauma	99813	Seroma complicating a procedure
17	Complications of Medical Care and Trauma	9982	Accidental puncture or laceration during a procedure, not elsewhere classified
17	Complications of Medical Care and Trauma	99830	Disruption of wound, unspecified

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
17	Complications of Medical Care and Trauma	99831	Disruption of internal operation (surgical) wound
17	Complications of Medical Care and Trauma	99832	Disruption of external operation (surgical) wound
17	Complications of Medical Care and Trauma	99833	Disruption of traumatic injury wound repair
17	Complications of Medical Care and Trauma	9984	Foreign body accidentally left during a procedure
17	Complications of Medical Care and Trauma	99851	Infected postoperative seroma
17	Complications of Medical Care and Trauma	99859	Other postoperative infection
17	Complications of Medical Care and Trauma	9986	Persistent postoperative fistula
17	Complications of Medical Care and Trauma	9987	Acute reaction to foreign substance accidentally left during a procedure
17	Complications of Medical Care and Trauma	99883	Non-healing surgical wound
17	Complications of Medical Care and Trauma	9990	Generalized vaccinia as a complication of medical care, not elsewhere classified
17	Complications of Medical Care and Trauma	9991	Air embolism as a complication of medical care, not elsewhere classified
17	Complications of Medical Care and Trauma	9992	Other vascular complications of medical care, not elsewhere classified
17	Complications of Medical Care and Trauma	99931	Infection due to central venous catheter
17	Complications of Medical Care and Trauma	99939	Infection following other infusion, injection, transfusion, or vaccination
17	Complications of Medical Care and Trauma	9995	Other serum reaction, not elsewhere classified
17	Complications of Medical Care and Trauma	99960	ABO incompatibility reaction, unspecified
17	Complications of Medical Care and Trauma	99961	ABO incompatibility with hemolytic transfusion reaction not specified as acute or delayed
17	Complications of Medical Care and Trauma	99962	ABO incompatibility with acute hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99963	ABO incompatibility with delayed hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99969	Other ABO incompatibility reaction
17	Complications of Medical Care and Trauma	99970	Rh incompatibility reaction, unspecified
17	Complications of Medical Care and Trauma	99971	Rh incompatibility with hemolytic transfusion reaction not specified as acute or delayed
17	Complications of Medical Care and Trauma	99972	Rh incompatibility with acute hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99973	Rh incompatibility with delayed hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99974	Other Rh incompatibility reaction
17	Complications of Medical Care and Trauma	99975	Non-ABO incompatibility reaction, unspecified
17	Complications of Medical Care and Trauma	99976	Non-ABO incompatibility with hemolytic transfusion reaction not specified as acute or delayed
17	Complications of Medical Care and Trauma	99977	Non-ABO incompatibility with acute hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99978	Non-ABO incompatibility with delayed hemolytic transfusion reaction
17	Complications of Medical Care and Trauma	99979	Other non-ABO incompatibility reaction
17	Complications of Medical Care and Trauma	99981	Extravasation of vesicant chemotherapy
17	Complications of Medical Care and Trauma	99982	Extravasation of other vesicant agent
17	Complications of Medical Care and Trauma	99983	Hemolytic transfusion reaction, incompatibility unspecified
17	Complications of Medical Care and Trauma	99984	Acute hemolytic transfusion reaction, incompatibility unspecified
17	Complications of Medical Care and Trauma	99985	Delayed hemolytic transfusion reaction, incompatibility unspecified
18	Major Organ Transplant Status	99682	Complications of transplanted liver
18	Major Organ Transplant Status	99683	Complications of transplanted heart
18	Major Organ Transplant Status	99684	Complications of transplanted lung
18	Major Organ Transplant Status	99685	Complications of transplanted bone marrow
18	Major Organ Transplant Status	99686	Complications of transplanted pancreas
18	Major Organ Transplant Status	99687	Complications of transplanted intestine
18	Major Organ Transplant Status	V421	Heart replaced by transplant
18	Major Organ Transplant Status	V426	Lung replaced by transplant
18	Major Organ Transplant Status	V427	Liver replaced by transplant
18	Major Organ Transplant Status	V4281	Bone marrow replaced by transplant
18	Major Organ Transplant Status	V4282	Peripheral stem cells replaced by transplant
18	Major Organ Transplant Status	V4283	Pancreas replaced by transplant
18	Major Organ Transplant Status	V4284	Organ or tissue replaced by transplant, intestines
18	Major Organ Transplant Status	V4321	Organ or tissue replaced by other means, heart assist device

ComorbCode	Psych PPS Comorbidity Category	ICD-9-CM2	ICD-9-CM Long Description
18	Major Organ Transplant Status	V4322	Organ or tissue replaced by other means, fully implantable artificial heart

Psych PPS Mental Retardation Definition (valid for discharges occurring between 10/1/2010 and 9/30/2011)
Adjustment Factor = 1.0599

ICD-9-CM	ICD-9-CM Long Description
29900	Autistic disorder, current or active state
29901	Autistic disorder, residual state
29910	Childhood disintegrative disorder, current or active state
29911	Childhood disintegrative disorder, residual state
29980	Other specified pervasive developmental disorders, current or active state
29981	Other specified pervasive developmental disorders, residual state
29990	Unspecified pervasive developmental disorder, current or active state
29991	Unspecified pervasive developmental disorder, residual state
3181	Severe mental retardation
3182	Profound mental retardation
7581	Patau's syndrome
7582	Edwards' syndrome
75831	Cri-du-chat syndrome
75832	Velo-cardio-facial syndrome
75833	Other microdeletions
75839	Other autosomal deletions
75981	Prader-Willi syndrome