



## PDI #12 Central Venous Catheter-related Bloodstream Infections

### Provider-Level Indicator

#### Numerator

Discharges with selected infections defined by specific ICD-9-CM codes any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

For discharges prior to October 1, 2007:

*ICD-9-CM Hospital-associated Infection diagnosis codes:*

99662	DUE TO OTHER VASCULAR DEVICE, IMPLANT, AND GRAFT	9993	OTHER INFECTION
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For discharges on or after October 1, 2007:

*ICD-9-CM Central Venous Catheter-related Bloodstream Infection diagnosis codes:*

99931	INFECTION DUE TO CENTRAL VENOUS CATHETER
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#### Denominator

All surgical and medical discharges under age 18 defined by specific DRGs or MS-DRGs.

See *Pediatric Quality Indicators Appendices*:

- Appendix B – Surgical Discharge DRGs
- Appendix C – Surgical Discharge MS-DRGs
- Appendix D – Medical Discharge DRGs
- Appendix E – Medical Discharge MS-DRGs

Exclude cases:

- with ICD-9-CM code for selected infections in the principal diagnosis field or secondary diagnosis present on admission
- normal newborns
- neonates with birth weight less than 500 grams (Birth Weight Category 1)
- with length of stay less than 2 days
- MDC 14 (pregnancy, childbirth, and puerperium)

See *Pediatric Quality Indicators Appendices*:

- Appendix I – Definitions of, Neonate, Newborn, Normal Newborn, and Outborn
- Appendix L – Low Birth Weight Categories

## Stratification

Stratifies patients by three risk groups:

### High Risk Group

Immunodeficient patients (HIV and AIDs, immune system disorders), high risk disorders (severe malnutrition, white blood cell disorder, renal failure, and short bowel syndrome), transplant, and ALL cancers

See *Pediatric Quality Indicators Appendices*:

- Appendix F – High-risk Immunocompromised States

### ICD-9-CM Cancer diagnosis codes

1400	MAL NEO UPPER VERMILION	1456	MALIG NEO RETROMOLAR
1401	MAL NEO LOWER VERMILION	1458	MALIG NEOPLASM MOUTH NEC
1403	MAL NEO UPPER LIP, INNER	1459	MALIG NEOPLASM MOUTH NOS
1404	MAL NEO LOWER LIP, INNER	1460	MALIGNANT NEOPL TONSIL
1405	MAL NEO LIP, INNER NOS	1461	MAL NEO TONSILLAR FOSSA
1406	MAL NEO LIP, COMMISSURE	1462	MAL NEO TONSIL PILLARS
1408	MAL NEO LIP NEC	1463	MALIGN NEOPL VALLECULA
1409	MAL NEO LIP/VERMIL NOS	1464	MAL NEO ANT EPIGLOTTIS
1410	MAL NEO TONGUE BASE	1465	MAL NEO EPIGLOTTIS JUNCT
1411	MAL NEO DORSAL TONGUE	1466	MAL NEO LAT OROPHARYNX
1412	MAL NEO TIP/LAT TONGUE	1467	MAL NEO POST OROPHARYNX
1413	MAL NEO VENTRAL TONGUE	1468	MAL NEO OROPHARYNX NEC
1414	MAL NEO ANT 2/3 TONGUE	1469	MALIG NEO OROPHARYNX NOS
1415	MAL NEO TONGUE JUNCTION	1470	MAL NEO SUPER NASOPHARYN
1416	MAL NEO LINGUAL TONSIL	1471	MAL NEO POST NASOPHARYNX
1418	MALIG NEO TONGUE NEC	1472	MAL NEO LAT NASOPHARYNX
1419	MALIG NEO TONGUE NOS	1473	MAL NEO ANT NASOPHARYNX
1420	MALIG NEO PAROTID	1478	MAL NEO NASOPHARYNX NEC
1421	MALIG NEO SUBMANDIBULAR	1479	MAL NEO NASOPHARYNX NOS
1422	MALIG NEO SUBLINGUAL	1480	MAL NEO POSTCRICOID
1428	MAL NEO MAJ SALIVARY NEC	1481	MAL NEO PYRIFORM SINUS
1429	MAL NEO SALIVARY NOS	1482	MAL NEO ARYEPIGLOTT FOLD
1430	MALIG NEO UPPER GUM	1483	MAL NEO POST HYPOPHARYNX
1431	MALIG NEO LOWER GUM	1488	MAL NEO HYPOPHARYNX NEC
1438	MALIG NEO GUM NEC	1489	MAL NEO HYPOPHARYNX NOS
1439	MALIG NEO GUM NOS	1490	MAL NEO PHARYNX NOS
1440	MAL NEO ANT FLOOR MOUTH	1491	MAL NEO WALDEYERS RING
1441	MAL NEO LAT FLOOR MOUTH	1498	MAL NEO ORAL/PHARYNX NEC
1448	MAL NEO MOUTH FLOOR NEC	1499	MAL NEO OROPHRYN ILL-DEF
1449	MAL NEO MOUTH FLOOR NOS	1500	MAL NEO CERVICAL ESOPHAG
1450	MAL NEO CHEEK MUCOSA	1501	MAL NEO THORACIC ESOPHAG
1451	MAL NEO MOUTH VESTIBULE	1502	MAL NEO ABDOMIN ESOPHAG
1452	MALIG NEO HARD PALATE	1503	MAL NEO UPPER 3RD ESOPH
1453	MALIG NEO SOFT PALATE	1504	MAL NEO MIDDLE 3RD ESOPH
1454	MALIGNANT NEOPLASM UVULA	1505	MAL NEO LOWER 3RD ESOPH
1455	MALIGNANT NEO PALATE NOS	1508	MAL NEO ESOPHAGUS NEC

1509	MAL NEO ESOPHAGUS NOS	1611	MALIG NEO SUPRAGLOTTIS
1510	MAL NEO STOMACH CARDIA	1612	MALIG NEO SUBGLOTTIS
1511	MALIGNANT NEO PYLORUS	1613	MAL NEO CARTILAGE LARYNX
1512	MAL NEO PYLORIC ANTRUM	1618	MALIGNANT NEO LARYNX NEC
1513	MAL NEO STOMACH FUNDUS	1619	MALIGNANT NEO LARYNX NOS
1514	MAL NEO STOMACH BODY	1620	MALIGNANT NEO TRACHEA
1515	MAL NEO STOM LESSER CURV	1622	MALIG NEO MAIN BRONCHUS
1516	MAL NEO STOM GREAT CURV	1623	MAL NEO UPPER LOBE LUNG
1518	MALIG NEOPL STOMACH NEC	1624	MAL NEO MIDDLE LOBE LUNG
1519	MALIG NEOPL STOMACH NOS	1625	MAL NEO LOWER LOBE LUNG
1520	MALIGNANT NEOPL DUODENUM	1628	MAL NEO BRONCH/LUNG NEC
1521	MALIGNANT NEOPL JEJUNUM	1629	MAL NEO BRONCH/LUNG NOS
1522	MALIGNANT NEOPLASM ILEUM	1630	MAL NEO PARIETAL PLEURA
1523	MAL NEO MECKELS DIVERT	1631	MAL NEO VISCERAL PLEURA
1528	MAL NEO SMALL BOWEL NEC	1638	MALIG NEOPL PLEURA NEC
1529	MAL NEO SMALL BOWEL NOS	1639	MALIG NEOPL PLEURA NOS
1530	MAL NEO HEPATIC FLEXURE	1640	MALIGNANT NEOPL THYMUS
1531	MAL NEO TRANSVERSE COLON	1641	MALIGNANT NEOPL HEART
1532	MAL NEO DESCEND COLON	1642	MAL NEO ANT MEDIASTINUM
1533	MAL NEO SIGMOID COLON	1643	MAL NEO POST MEDIASTINUM
1534	MALIGNANT NEOPLASM CECUM	1648	MAL NEO MEDIASTINUM NEC
1535	MALIGNANT NEO APPENDIX	1649	MAL NEO MEDIASTINUM NOS
1536	MALIG NEO ASCEND COLON	1650	MAL NEO UPPER RESP NOS
1537	MAL NEO SPLENIC FLEXURE	1658	MAL NEO THORAX/RESP NEC
1538	MALIGNANT NEO COLON NEC	1659	MAL NEO RESP SYSTEM NOS
1539	MALIGNANT NEO COLON NOS	1700	MAL NEO SKULL/FACE BONE
1540	MAL NEO RECTOSIGMOID JCT	1701	MALIGNANT NEO MANDIBLE
1541	MALIGNANT NEOPL RECTUM	1702	MALIG NEO VERTEBRAE
1542	MALIG NEOPL ANAL CANAL	1703	MAL NEO RIBS/STERN/CLAV
1543	MALIGNANT NEO ANUS NOS	1704	MAL NEO LONG BONES ARM
1548	MAL NEO RECTUM/ANUS NEC	1705	MAL NEO BONES WRIST/HAND
1550	MAL NEO LIVER, PRIMARY	1706	MAL NEO PELVIC GIRDLE
1551	MAL NEO INTRAHEPAT DUCTS	1707	MAL NEO LONG BONES LEG
1552	MALIGNANT NEO LIVER NOS	1708	MAL NEO BONES ANKLE/FOOT
1560	MALIG NEO GALLBLADDER	1709	MALIG NEOPL BONE NOS
1561	MAL NEO EXTRAHEPAT DUCTS	1710	MAL NEO SOFT TISSUE HEAD
1562	MAL NEO AMPULLA OF VATER	1712	MAL NEO SOFT TISSUE ARM
1568	MALIG NEO BILIARY NEC	1713	MAL NEO SOFT TISSUE LEG
1569	MALIG NEO BILIARY NOS	1714	MAL NEO SOFT TIS THORAX
1570	MAL NEO PANCREAS HEAD	1715	MAL NEO SOFT TIS ABDOMEN
1571	MAL NEO PANCREAS BODY	1716	MAL NEO SOFT TIS PELVIS
1572	MAL NEO PANCREAS TAIL	1717	MAL NEOPL TRUNK NOS
1573	MAL NEO PANCREATIC DUCT	1718	MAL NEO SOFT TISSUE NEC
1574	MAL NEO ISLET LANGERHANS	1719	MAL NEO SOFT TISSUE NOS
1578	MALIG NEO PANCREAS NEC	1720	MALIG MELANOMA LIP
1579	MALIG NEO PANCREAS NOS	1721	MALIG MELANOMA EYELID
1580	MAL NEO RETROPERITONEUM	1722	MALIG MELANOMA EAR
1588	MAL NEO PERITONEUM NEC	1723	MAL MELANOM FACE NEC NOS
1589	MAL NEO PERITONEUM NOS	1724	MAL MELANOMA SCALP/NECK
1590	MALIG NEO INTESTINE NOS	1725	MALIG MELANOMA TRUNK
1591	MALIGNANT NEO SPLEEN NEC	1726	MALIG MELANOMA ARM
1598	MAL NEO GI/INTRA-ABD NEC	1727	MALIG MELANOMA LEG
1599	MAL NEO GI TRACT ILL-DEF	1728	MALIG MELANOMA SKIN NEC
1600	MAL NEO NASAL CAVITIES	1729	MALIG MELANOMA SKIN NOS
1601	MALIG NEO MIDDLE EAR	1740	MALIG NEO NIPPLE
1602	MAL NEO MAXILLARY SINUS	1741	MAL NEO BREAST-CENTRAL
1603	MAL NEO ETHMOIDAL SINUS	1742	MAL NEO BREAST UP-INNER
1604	MALIG NEO FRONTAL SINUS	1743	MAL NEO BREAST LOW-INNER
1605	MAL NEO SPHENOID SINUS	1744	MAL NEO BREAST UP-OUTER
1608	MAL NEO ACCESS SINUS NEC	1745	MAL NEO BREAST LOW-OUTER
1609	MAL NEO ACCESS SINUS NOS	1746	MAL NEO BREAST-AXILLARY
1610	MALIGNANT NEO GLOTTIS	1748	MALIG NEOPL BREAST NEC

1749	MALIGN NEOPL BREAST NOS	1899	MAL NEO URINARY NOS
1750	MAL NEO MALE NIPPLE	1900	MALIGN NEOPL EYEBALL
1759	MAL NEO MALE BREAST NEC	1901	MALIGN NEOPL ORBIT
1760	SKIN - KAPOSIS SARCOMA	1902	MAL NEO LACRIMAL GLAND
1761	SFT TISSUE - KPSIS SRCMA	1903	MAL NEO CONJUNCTIVA
1762	PALATE - KPSIS SARCOMA	1904	MALIGN NEOPL CORNEA
1763	GI SITES - KPSIS SRCOMA	1905	MALIGN NEOPL RETINA
1764	LUNG - KAPOSIS SARCOMA	1906	MALIGN NEOPL CHOROID
1765	LYM NDS - KPSIS SARCOMA	1907	MAL NEO LACRIMAL DUCT
1768	SPF STS - KPSIS SARCOMA	1908	MALIGN NEOPL EYE NEC
1769	KAPOSIS SARCOMA NOS	1909	MALIGN NEOPL EYE NOS
179	MALIG NEOPL UTERUS NOS	1910	MALIGN NEOPL CEREBRUM
1800	MALIG NEO ENDOCERVIX	1911	MALIG NEO FRONTAL LOBE
1801	MALIG NEO EXOCERVIX	1912	MAL NEO TEMPORAL LOBE
1808	MALIG NEO CERVIX NEC	1913	MAL NEO PARIETAL LOBE
1809	MAL NEO CERVIX UTERI NOS	1914	MAL NEO OCCIPITAL LOBE
181	MALIGNANT NEOPL PLACENTA	1915	MAL NEO CEREB VENTRICLE
1820	MALIG NEO CORPUS UTERI	1916	MAL NEO CEREBELLUM NOS
1821	MAL NEO UTERINE ISTHMUS	1917	MAL NEO BRAIN STEM
1828	MAL NEO BODY UTERUS NEC	1918	MALIG NEO BRAIN NEC
1830	MALIGN NEOPL OVARY	1919	MALIG NEO BRAIN NOS
1832	MAL NEO FALLOPIAN TUBE	1920	MAL NEO CRANIAL NERVES
1833	MAL NEO BROAD LIGAMENT	1921	MAL NEO CEREBRAL MENING
1834	MALIG NEO PARAMETRIUM	1922	MAL NEO SPINAL CORD
1835	MAL NEO ROUND LIGAMENT	1923	MAL NEO SPINAL MENINGES
1838	MAL NEO ADNEXA NEC	1928	MAL NEO NERVOUS SYST NEC
1839	MAL NEO ADNEXA NOS	1929	MAL NEO NERVOUS SYST NOS
1840	MALIGN NEOPL VAGINA	193	MALIGN NEOPL THYROID
1841	MAL NEO LABIA MAJORA	1940	MALIGN NEOPL ADRENAL
1842	MAL NEO LABIA MINORA	1941	MALIG NEO PARATHYROID
1843	MALIGN NEOPL CLITORIS	1943	MALIG NEO PITUITARY
1844	MALIGN NEOPL VULVA NOS	1944	MALIGN NEO PINEAL GLAND
1848	MAL NEO FEMALE GENIT NEC	1945	MAL NEO CAROTID BODY
1849	MAL NEO FEMALE GENIT NOS	1946	MAL NEO PARAGANGLIA NEC
185	MALIGN NEOPL PROSTATE	1948	MAL NEO ENDOCRINE NEC
1860	MAL NEO UNDESCEND TESTIS	1949	MAL NEO ENDOCRINE NOS
1869	MALIG NEO TESTIS NEC	1950	MAL NEO HEAD/FACE/NECK
1871	MALIGN NEOPL PREPUCE	1951	MALIGN NEOPL THORAX
1872	MALIG NEO GLANS PENIS	1952	MALIG NEO ABDOMEN
1873	MALIG NEO PENIS BODY	1953	MALIGN NEOPL PELVIS
1874	MALIG NEO PENIS NOS	1954	MALIGN NEOPL ARM
1875	MALIG NEO EPIDIDYMIS	1955	MALIGN NEOPL LEG
1876	MAL NEO SPERMATIC CORD	1958	MALIG NEO SITE NEC
1877	MALIGN NEOPL SCROTUM	1960	MAL NEO LYMPH-HEAD/NECK
1878	MAL NEO MALE GENITAL NEC	1961	MAL NEO LYMPH-INTRATHOR
1879	MAL NEO MALE GENITAL NOS	1962	MAL NEO LYMPH INTRA-ABD
1880	MAL NEO BLADDER-TRIGONE	1963	MAL NEO LYMPH-AXILLA/ARM
1881	MAL NEO BLADDER-DOME	1965	MAL NEO LYMPH-INGUIN/LEG
1882	MAL NEO BLADDER-LATERAL	1966	MAL NEO LYMPH-INTRAPELV
1883	MAL NEO BLADDER-ANTERIOR	1968	MAL NEO LYMPH NODE-MULT
1884	MAL NEO BLADDER-POST	1969	MAL NEO LYMPH NODE NOS
1885	MAL NEO BLADDER NECK	1970	SECONDARY MALIG NEO LUNG
1886	MAL NEO URETERIC ORIFICE	1971	SEC MAL NEO MEDIASTINUM
1887	MALIG NEO URACHUS	1972	SECOND MALIG NEO PLEURA
1888	MALIG NEO BLADDER NEC	1973	SEC MALIG NEO RESP NEC
1889	MALIG NEO BLADDER NOS	1974	SEC MALIG NEO SM BOWEL
1890	MALIG NEOPL KIDNEY	1975	SEC MALIG NEO LG BOWEL
1891	MALIG NEO RENAL PELVIS	1976	SEC MAL NEO PERITONEUM
1892	MALIGN NEOPL URETER	1977	SECOND MALIG NEO LIVER
1893	MALIGN NEOPL URETHRA	1978	SEC MAL NEO GI NEC
1894	MAL NEO PARAURETHRAL	1980	SECOND MALIG NEO KIDNEY
1898	MAL NEO URINARY NEC	1981	SEC MALIG NEO URIN NEC

1982	SECONDARY MALIG NEO SKIN	20166	HODGKINS MIX CELL PELVIC
1983	SEC MAL NEO BRAIN/SPINE	20167	HODGKINS MIX CELL SPLEEN
1984	SEC MALIG NEO NERVE NEC	20168	HODGKINS MIX CELL MULT
1985	SECONDARY MALIG NEO BONE	20170	LYM DPLT UNSP XTRNDL ORG
1986	SECOND MALIG NEO OVARY	20171	HODG LYMPH DEPLET HEAD
1987	SECOND MALIG NEO ADRENAL	20172	HODG LYMPH DEPLET THORAX
19881	SECOND MALIG NEO BREAST	20173	HODG LYMPH DEPLET ABDOM
19882	SECOND MALIG NEO GENITAL	20174	HODG LYMPH DEPLET AXILLA
19889	SECONDARY MALIG NEO NEC	20175	HODG LYMPH DEPLET INGUIN
1990	MALIG NEO DISSEMINATED	20176	HODG LYMPH DEPLET PELVIC
1991	MALIGNANT NEOPLASM NOS	20177	HODG LYMPH DEPLET SPLEEN
20100	HDGK PRG UNSP XTRNDL ORG	20178	HODG LYMPH DEPLET MULT
20101	HODGKINS PARAGRAN HEAD	20190	HDGK DIS UNSP XTRNDL ORG
20102	HODGKINS PARAGRAN THORAX	20191	HODGKINS DIS NOS HEAD
20103	HODGKINS PARAGRAN ABDOM	20192	HODGKINS DIS NOS THORAX
20104	HODGKINS PARAGRAN AXILLA	20193	HODGKINS DIS NOS ABDOM
20105	HODGKINS PARAGRAN INGUIN	20194	HODGKINS DIS NOS AXILLA
20106	HODGKINS PARAGRAN PELVIC	20195	HODGKINS DIS NOS INGUIN
20107	HODGKINS PARAGRAN SPLEEN	20196	HODGKINS DIS NOS PELVIC
20108	HODGKINS PARAGRAN MULT	20197	HODGKINS DIS NOS SPLEEN
20110	HDGK GRN UNSP XTRNDL ORG	20198	HODGKINS DIS NOS MULT
20111	HODGKINS GRANULOM HEAD	20200	NDLR LYM UNSP XTRNDL ORG
20112	HODGKINS GRANULOM THORAX	20201	NODULAR LYMPHOMA HEAD
20113	HODGKINS GRANULOM ABDOM	20202	NODULAR LYMPHOMA THORAX
20114	HODGKINS GRANULOM AXILLA	20203	NODULAR LYMPHOMA ABDOM
20115	HODGKINS GRANULOM INGUIN	20204	NODULAR LYMPHOMA AXILLA
20116	HODGKINS GRANULOM PELVIC	20205	NODULAR LYMPHOMA INGUIN
20117	HODGKINS GRANULOM SPLEEN	20206	NODULAR LYMPHOMA PELVIC
20118	HODGKINS GRANULOM MULT	20207	NODULAR LYMPHOMA SPLEEN
20120	HDGK SRC UNSP XTRNDL ORG	20208	NODULAR LYMPHOMA MULT
20121	HODGKINS SARCOMA HEAD	20210	MYCS FNG UNSP XTRNDL ORG
20122	HODGKINS SARCOMA THORAX	20211	MYCOSIS FUNGOIDES HEAD
20123	HODGKINS SARCOMA ABDOM	20212	MYCOSIS FUNGOIDES THORAX
20124	HODGKINS SARCOMA AXILLA	20213	MYCOSIS FUNGOIDES ABDOM
20125	HODGKINS SARCOMA INGUIN	20214	MYCOSIS FUNGOIDES AXILLA
20126	HODGKINS SARCOMA PELVIC	20215	MYCOSIS FUNGOIDES INGUIN
20127	HODGKINS SARCOMA SPLEEN	20216	MYCOSIS FUNGOIDES PELVIC
20128	HODGKINS SARCOMA MULT	20217	MYCOSIS FUNGOIDES SPLEEN
20140	LYM-HST UNSP XTRNDL ORGN	20218	MYCOSIS FUNGOIDES MULT
20141	HODG LYMPH-HISTIO HEAD	20220	SZRY DIS UNSP XTRNDL ORG
20142	HODG LYMPH-HISTIO THORAX	20221	SEZARYS DISEASE HEAD
20143	HODG LYMPH-HISTIO ABDOM	20222	SEZARYS DISEASE THORAX
20144	HODG LYMPH-HISTIO AXILLA	20223	SEZARYS DISEASE ABDOM
20145	HODG LYMPH-HISTIO INGUIN	20224	SEZARYS DISEASE AXILLA
20146	HODG LYMPH-HISTIO PELVIC	20225	SEZARYS DISEASE INGUIN
20147	HODG LYMPH-HISTIO SPLEEN	20226	SEZARYS DISEASE PELVIC
20148	HODG LYMPH-HISTIO MULT	20227	SEZARYS DISEASE SPLEEN
20150	NDR SCLR UNSP XTRNDL ORG	20228	SEZARYS DISEASE MULT
20151	HODG NODUL SCLERO HEAD	20230	MLG HIST UNSP XTRNDL ORG
20152	HODG NODUL SCLERO THORAX	20231	MAL HISTIOCYTOSIS HEAD
20153	HODG NODUL SCLERO ABDOM	20232	MAL HISTIOCYTOSIS THORAX
20154	HODG NODUL SCLERO AXILLA	20233	MAL HISTIOCYTOSIS ABDOM
20155	HODG NODUL SCLERO INGUIN	20234	MAL HISTIOCYTOSIS AXILLA
20156	HODG NODUL SCLERO PELVIC	20235	MAL HISTIOCYTOSIS INGUIN
20157	HODG NODUL SCLERO SPLEEN	20236	MAL HISTIOCYTOSIS PELVIC
20158	HODG NODUL SCLERO MULT	20237	MAL HISTIOCYTOSIS SPLEEN
20160	MXD CELR UNSP XTRNDL ORG	20238	MAL HISTIOCYTOSIS MULT
20161	HODGKINS MIX CELL HEAD	20240	LK RTCTL UNSP XTRNDL ORG
20162	HODGKINS MIX CELL THORAX	20241	HAIRY-CELL LEUKEM HEAD
20163	HODGKINS MIX CELL ABDOM	20242	HAIRY-CELL LEUKEM THORAX
20164	HODGKINS MIX CELL AXILLA	20243	HAIRY-CELL LEUKEM ABDOM
20165	HODGKINS MIX CELL INGUIN	20244	HAIRY-CELL LEUKEM AXILLA

20245	HAIRY-CELL LEUKEM INGUIN	20294	LYMPHOID MAL NEC AXILLA
20246	HAIRY-CELL LEUKEM PELVIC	20295	LYMPHOID MAL NEC INGUIN
20247	HAIRY-CELL LEUKEM SPLEEN	20296	LYMPHOID MAL NEC PELVIC
20248	HAIRY-CELL LEUKEM MULT	20297	LYMPHOID MAL NEC SPLEEN
20250	LTR-SIWE UNSP XTRNDL ORG	20298	LYMPHOID MAL NEC MULT
20251	LETTERER-SIWE DIS HEAD	2030	MULTIPLE MYELOMA
20252	LETTERER-SIWE DIS THORAX	20300	MULT MYELM W/O REMISSION
20253	LETTERER-SIWE DIS ABDOM	20301	MULT MYELM W REMISSION
20254	LETTERER-SIWE DIS AXILLA	2031	PLASMA CELL LEUKEMIA
20255	LETTERER-SIWE DIS INGUIN	20310	PLSM CELL LEUK W/O RMSON
20256	LETTERER-SIWE DIS PELVIC	20311	PLSM CELL LEUK W RMSON
20257	LETTERER-SIWE DIS SPLEEN	2038	IMMUNOPROLIFERAT NEO NEC
20258	LETTERER-SIWE DIS MULT	20380	OTH IMNPRFL NPL W/O RMSN
20260	MLG MAST UNSP XTRNDL ORG	20381	OTH IMNPRFL NPL W RMSN
20261	MAL MASTOCYTOSIS HEAD	2040	ACUTE LYMPHOID LEUKEMIA
20262	MAL MASTOCYTOSIS THORAX	20400	ACT LYM LEUK W/O RMSION
20263	MAL MASTOCYTOSIS ABDOM	20401	ACT LYM LEUK W RMSION
20264	MAL MASTOCYTOSIS AXILLA	2041	CHR LYMPHOID LEUKEMIA
20265	MAL MASTOCYTOSIS INGUIN	20410	CHR LYM LEUK W/O RMSION
20266	MAL MASTOCYTOSIS PELVIC	20411	CHR LYM LEUK W RMSION
20267	MAL MASTOCYTOSIS SPLEEN	2042	SUBAC LYMPHOID LEUKEMIA
20268	MAL MASTOCYTOSIS MULT	20420	SBAC LYM LEUK W/O RMSION
20280	OTH LYMP UNSP XTRNDL ORG	20421	SBAC LYM LEUK W RMSION
20281	LYMPHOMAS NEC HEAD	2048	LYMPHOID LEUKEMIA NEC
20282	LYMPHOMAS NEC THORAX	20480	OTH LYM LEUK W/O RMSION
20283	LYMPHOMAS NEC ABDOM	20481	OTH LYM LEUK W RMSION
20284	LYMPHOMAS NEC AXILLA	2049	LYMPHOID LEUKEMIA NOS
20285	LYMPHOMAS NEC INGUIN	20490	UNS LYM LEUK W/O RMSION
20286	LYMPHOMAS NEC PELVIC	20491	UNS LYM LEUK W RMSION
20287	LYMPHOMAS NEC SPLEEN	2386	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES, PLASMA CELLS
20288	LYMPHOMAS NEC MULT		
20290	UNSP LYM UNSP XTRNDL ORG		
20291	LYMPHOID MAL NEC HEAD	2733	DISORDERS OF PLASMA PROTEIN METABOLISM-MACROGLOBULINEMIA
20292	LYMPHOID MAL NEC THORAX		
20293	LYMPHOID MAL NEC ABDOM		

### Intermediate Risk Group

Intermediate-risk disorders: Intermediate-risk immunodeficient patients (lupus and rare autoimmune diseases, specified renal disease, cachexia, and spleen disorders), Cystic fibrosis, Hemophilia, hepatic failure (hepatic failure consisting of any diagnosis of cirrhosis plus a code for hepatic coma or hepatorenal syndrome in any diagnosis field,

See *Pediatric Quality Indicators Appendices*:

- Appendix G – Intermediate-risk Immunocompromised States

#### *ICD-9-CM Cystic Fibrosis Diagnosis Codes*

27700	CYSTIC FIBROS W/O ILEUS	27703	CYSTIC FIBROSIS W GI MAN
27701	CYSTIC FIBROS W ILEUS	27709	CYSTIC FIBROSIS NEC
27702	CYSTIC FIBROS W PUL MAN		

#### *ICD-9-CM Hemophilia diagnosis codes*

2860	CONG FACTOR VIII DIORD */	2863	CONG DEF CLOT FACTOR NEC */
2861	CONG FACTOR IX DISORDER */	2864	VON WILLEBRAND'S DISEASE */
2862	CONG FACTOR XI DISORDER */		

*ICD-9-CM Hepatic Failure Diagnosis Codes – Part I*

5712	ALCOHOLIC CIRRHOSIS OF LIVER	5716	BILIARY CIRRHOSIS
	CIRRHOSIS OF LIVER WITHOUT		
5715	MENTION OF ALCOHOL		

**AND**

*ICD-9-CM Hepatic Failure Diagnosis Codes – Part II*

5722	HEPATIC COMA	5724	HEPATORENAL SYNDROME
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**Low risk group:** All other patients