

MILLIMAN RESEARCH REPORT

Medicare cost of osteoporotic fractures: Supplement

The clinical and cost burden of an important consequence of osteoporosis

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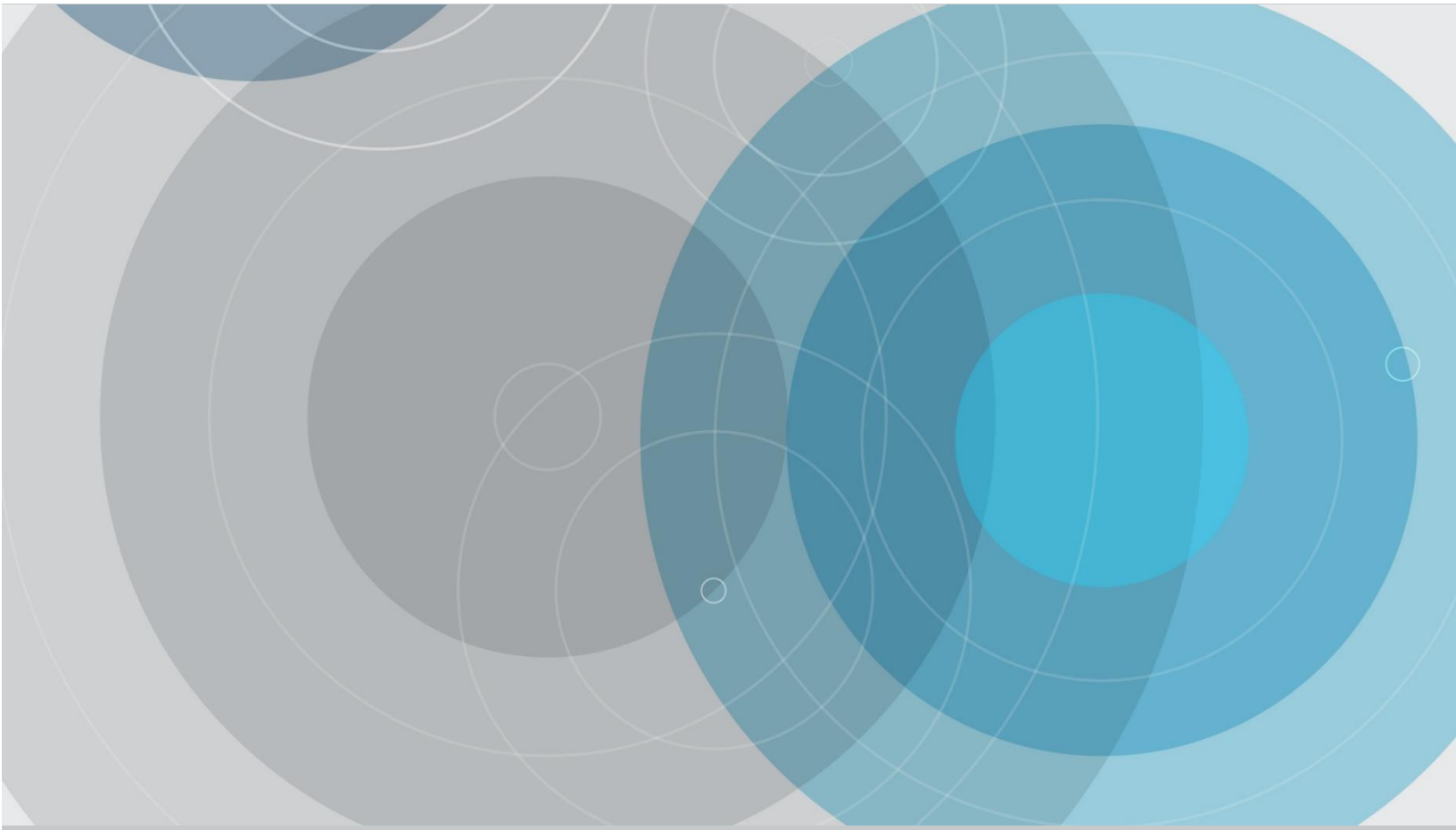




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APPENDIX C: CODE SETS

C-1. QUALIFIED CLAIMS

HCPCS/CPT SERVICE CODES AND REVENUE CODES

CLAIM TYPE	HCPCS/CPT CODES	REVENUE CODES
Outpatient	99201-99205, 99211-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-99397, 99401-99404, 99411, 99412, 99429, 99455, 99456, G0402, G0438, G0439, G0463, G0466-G0468, T1015	0510-0517, 0519-0523, 0526-0529, 0982, 0983
Non-acute inpatient	99304-99310, 99315, 99316, 99318, 99324-99328, 99334-99337	0118, 0128, 0138, 0148, 0158, 0190-0194, 0199, 0524, 0525, 0550-0552, 0559
Acute inpatient	99221-99223, 99231-99233, 99238, 99239, 99251-99255, 99291, 99468, 99469, 99471, 99472, 99475-99480	010x, 0110-0115, 0117, 0119-0125, 0127, 0129-0135, 0137, 0139-0145, 0147, 0149-0155, 0157, 0159-0160, 0164, 0166-0175, 0179, 0200-0204, 0206-0214, 0219, 0720-0722
Observation	99217-99220, 99224-99226, G0378, G0379	
Emergency department	99281-99285, G0380-G0384	0450-0452, 0456, 0459, 0981

C-2. CANCER DIAGNOSIS CODES

ICD-9-CM DIAGNOSIS CODES

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1400	MAL NEO UPPER VERMILION	N	20036	MARGIN ZONE LYM PELVIC	N
1401	MAL NEO LOWER VERMILION	N	20037	MARGIN ZONE LYMPH SPLEEN	N
1403	MAL NEO UPPER LIP, INNER	N	20038	MARGIN ZONE LYMPH MULTIP	N
1404	MAL NEO LOWER LIP, INNER	N	20040	MANTLE CELL LYM XTRRNDL	N
1405	MAL NEO LIP, INNER NOS	N	20041	MANTLE CELL LYMPH HEAD	N
1406	MAL NEO LIP, COMMISSURE	N	20042	MANTLE CELL LYMPH THORAX	N
1408	MAL NEO LIP NEC	N	20043	MANTLE CELL LYMPH ABDOM	N
1409	MAL NEO LIP/VERMIL NOS	N	20044	MANTLE CELL LYMPH AXILLA	N
1410	MAL NEO TONGUE BASE	N	20045	MANTLE CELL LYMPH INGUIN	N
1411	MAL NEO DORSAL TONGUE	N	20046	MANTLE CELL LYMPH PELVIC	N
1412	MAL NEO TIP/LAT TONGUE	N	20047	MANTLE CELL LYMPH SPLEEN	N
1413	MAL NEO VENTRAL TONGUE	N	20048	MANTLE CELL LYMPH MULTIP	N
1414	MAL NEO ANT 2/3 TONGUE	N	20050	PRIMARY CNS LYMPH XTRNDL	N
1415	MAL NEO TONGUE JUNCTION	N	20051	PRIMARY CNS LYMPH HEAD	N
1416	MAL NEO LINGUAL TONSIL	N	20052	PRIMARY CNS LYMPH THORAX	N
1418	MALIG NEO TONGUE NEC	N	20053	PRIMARY CNS LYMPH ABDOM	N
1419	MALIG NEO TONGUE NOS	N	20054	PRIMARY CNS LYMPH AXILLA	N
1420	MALIG NEO PAROTID	N	20055	PRIMARY CNS LYM INGUIN	N
1421	MALIG NEO SUBMANDIBULAR	N	20056	PRIMARY CNS LYMPH PELVIC	N
1422	MALIG NEO SUBLINGUAL	N	20057	PRIMARY CNS LYMPH SPLEEN	N
1428	MAL NEO MAJ SALIVARY NEC	N	20058	PRIMARY CNS LYMPH MULTIP	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1429	MAL NEO SALIVARY NOS	N	20060	ANAPLASTIC LYMPH XTRNDL	N
1430	MALIG NEO UPPER GUM	N	20061	ANAPLASTIC LYMPH HEAD	N
1431	MALIG NEO LOWER GUM	N	20062	ANAPLASTIC LYMPH THORAX	N
1438	MALIG NEO GUM NEC	N	20063	ANAPLASTIC LYMPH ABDOM	N
1439	MALIG NEO GUM NOS	N	20064	ANAPLASTIC LYMPH AXILLA	N
1440	MAL NEO ANT FLOOR MOUTH	N	20065	ANAPLASTIC LYMPH INGUIN	N
1441	MAL NEO LAT FLOOR MOUTH	N	20066	ANAPLASTIC LYMPH PELVIC	N
1448	MAL NEO MOUTH FLOOR NEC	N	20067	ANAPLASTIC LYMPH SPLEEN	N
1449	MAL NEO MOUTH FLOOR NOS	N	20068	ANAPLASTIC LYMPH MULTIP	N
1450	MAL NEO CHEEK MUCOSA	N	20070	LARGE CELL LYMPH XTRNDL	N
1451	MAL NEO MOUTH VESTIBULE	N	20071	LARGE CELL LYMPHOMA HEAD	N
1452	MALIG NEO HARD PALATE	N	20072	LARGE CELL LYMPH THORAX	N
1453	MALIG NEO SOFT PALATE	N	20073	LARGE CELL LYMPH ABDOM	N
1454	MALIGNANT NEOPLASM UVULA	N	20074	LARGE CELL LYMPH AXILLA	N
1455	MALIGNANT NEO PALATE NOS	N	20075	LARGE CELL LYMPH INGUIN	N
1456	MALIG NEO RETROMOLAR	N	20076	LARGE CELL LYMPH PELVIC	N
1458	MALIG NEOPLASM MOUTH NEC	N	20077	LARGE CELL LYMPH SPLEEN	N
1459	MALIG NEOPLASM MOUTH NOS	N	20078	LARGE CELL LYMPH MULTIP	N
1460	MALIGNANT NEOPL TONSIL	N	20080	OTH VARN UNSP XTRNDL ORG	N
1461	MAL NEO TONSILLAR FOSSA	N	20081	MIXED LYMPHOSARC HEAD	N
1462	MAL NEO TONSIL PILLARS	N	20082	MIXED LYMPHOSARC THORAX	N
1463	MALIGN NEOPL VALLECULA	N	20083	MIXED LYMPHOSARC ABDOM	N
1464	MAL NEO ANT EPIGLOTTIS	N	20084	MIXED LYMPHOSARC AXILLA	N
1465	MAL NEO EPIGLOTTIS JUNCT	N	20085	MIXED LYMPHOSARC INGUIN	N
1466	MAL NEO LAT OROPHARYNX	N	20086	MIXED LYMPHOSARC PELVIC	N
1467	MAL NEO POST OROPHARYNX	N	20087	MIXED LYMPHOSARC SPLEEN	N
1468	MAL NEO OROPHARYNX NEC	N	20088	MIXED LYMPHOSARC MULT	N
1469	MALIG NEO OROPHARYNX NOS	N	20100	HGK PRG UNSP XTRNDL ORG	N
1470	MAL NEO SUPER NASOPHARYN	N	20101	HODGKINS PARAGRAN HEAD	N
1471	MAL NEO POST NASOPHARYNX	N	20102	HODGKINS PARAGRAN THORAX	N
1472	MAL NEO LAT NASOPHARYNX	N	20103	HODGKINS PARAGRAN ABDOM	N
1473	MAL NEO ANT NASOPHARYNX	N	20104	HODGKINS PARAGRAN AXILLA	N
1478	MAL NEO NASOPHARYNX NEC	N	20105	HODGKINS PARAGRAN INGUIN	N
1479	MAL NEO NASOPHARYNX NOS	N	20106	HODGKINS PARAGRAN PELVIC	N
1480	MAL NEO POSTCRICOID	N	20107	HODGKINS PARAGRAN SPLEEN	N
1481	MAL NEO PYRIFORM SINUS	N	20108	HODGKINS PARAGRAN MULT	N
1482	MAL NEO ARYEPIGLOTT FOLD	N	20110	HGK GRN UNSP XTRNDL ORG	N
1483	MAL NEO POST HYPOPHARYNX	N	20111	HODGKINS GRANULOM HEAD	N
1488	MAL NEO HYPOPHARYNX NEC	N	20112	HODGKINS GRANULOM THORAX	N
1489	MAL NEO HYPOPHARYNX NOS	N	20113	HODGKINS GRANULOM ABDOM	N
1490	MAL NEO PHARYNX NOS	N	20114	HODGKINS GRANULOM AXILLA	N
1491	MAL NEO WALDEYER'S RING	N	20115	HODGKINS GRANULOM INGUIN	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1498	MAL NEO ORAL/PHARYNX NEC	N	20116	HODGKINS GRANULOM PELVIC	N
1499	MAL NEO OROPHRYN ILL-DEF	N	20117	HODGKINS GRANULOM SPLEEN	N
1500	MAL NEO CERVICAL ESOPHAG	N	20118	HODGKINS GRANULOM MULT	N
1501	MAL NEO THORACIC ESOPHAG	N	20120	HODGK SRC UNSP XTRNDL ORG	N
1502	MAL NEO ABDOMIN ESOPHAG	N	20121	HODGKINS SARCOMA HEAD	N
1503	MAL NEO UPPER 3RD ESOPH	N	20122	HODGKINS SARCOMA THORAX	N
1504	MAL NEO MIDDLE 3RD ESOPH	N	20123	HODGKINS SARCOMA ABDOM	N
1505	MAL NEO LOWER 3RD ESOPH	N	20124	HODGKINS SARCOMA AXILLA	N
1508	MAL NEO ESOPHAGUS NEC	N	20125	HODGKINS SARCOMA INGUIN	N
1509	MAL NEO ESOPHAGUS NOS	N	20126	HODGKINS SARCOMA PELVIC	N
1510	MAL NEO STOMACH CARDIA	N	20127	HODGKINS SARCOMA SPLEEN	N
1511	MALIGNANT NEO PYLORUS	N	20128	HODGKINS SARCOMA MULT	N
1512	MAL NEO PYLORIC ANTRUM	N	20140	LYM-HST UNSP XTRNDL ORGN	N
1513	MAL NEO STOMACH FUNDUS	N	20141	HODG LYMPH-HISTIO HEAD	N
1514	MAL NEO STOMACH BODY	N	20142	HODG LYMPH-HISTIO THORAX	N
1515	MAL NEO STOM LESSER CURV	N	20143	HODG LYMPH-HISTIO ABDOM	N
1516	MAL NEO STOM GREAT CURV	N	20144	HODG LYMPH-HISTIO AXILLA	N
1518	MALIG NEOPL STOMACH NEC	N	20145	HODG LYMPH-HISTIO INGUIN	N
1519	MALIG NEOPL STOMACH NOS	N	20146	HODG LYMPH-HISTIO PELVIC	N
1520	MALIGNANT NEOPL DUODENUM	N	20147	HODG LYMPH-HISTIO SPLEEN	N
1521	MALIGNANT NEOPL JEJUNUM	N	20148	HODG LYMPH-HISTIO MULT	N
1522	MALIGNANT NEOPLASM ILEUM	N	20150	NDR SCLR UNSP XTRNDL ORG	N
1523	MAL NEO MECKEL'S DIVERT	N	20151	HODG NODUL SCLERO HEAD	N
1528	MAL NEO SMALL BOWEL NEC	N	20152	HODG NODUL SCLERO THORAX	N
1529	MAL NEO SMALL BOWEL NOS	N	20153	HODG NODUL SCLERO ABDOM	N
1530	MAL NEO HEPATIC FLEXURE	N	20154	HODG NODUL SCLERO AXILLA	N
1531	MAL NEO TRANSVERSE COLON	N	20155	HODG NODUL SCLERO INGUIN	N
1532	MAL NEO DESCEND COLON	N	20156	HODG NODUL SCLERO PELVIC	N
1533	MAL NEO SIGMOID COLON	N	20157	HODG NODUL SCLERO SPLEEN	N
1534	MALIGNANT NEOPLASM CECUM	N	20158	HODG NODUL SCLERO MULT	N
1535	MALIGNANT NEO APPENDIX	N	20160	MXD CELR UNSP XTRNDL ORG	N
1536	MALIG NEO ASCEND COLON	N	20161	HODGKINS MIX CELL HEAD	N
1537	MAL NEO SPLENIC FLEXURE	N	20162	HODGKINS MIX CELL THORAX	N
1538	MALIGNANT NEO COLON NEC	N	20163	HODGKINS MIX CELL ABDOM	N
1539	MALIGNANT NEO COLON NOS	N	20164	HODGKINS MIX CELL AXILLA	N
1540	MAL NEO RECTOSIGMOID JCT	N	20165	HODGKINS MIX CELL INGUIN	N
1541	MALIGNANT NEOPL RECTUM	N	20166	HODGKINS MIX CELL PELVIC	N
1542	MALIG NEOPL ANAL CANAL	N	20167	HODGKINS MIX CELL SPLEEN	N
1543	MALIGNANT NEO ANUS NOS	N	20168	HODGKINS MIX CELL MULT	N
1548	MAL NEO RECTUM/ANUS NEC	N	20170	LYM DPLT UNSP XTRNDL ORG	N
1550	MAL NEO LIVER, PRIMARY	N	20171	HODG LYMPH DEPLET HEAD	N
1551	MAL NEO INTRAHEPAT DUCTS	N	20172	HODG LYMPH DEPLET THORAX	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1552	MALIGNANT NEO LIVER NOS	N	20173	HODG LYMPH DEPLET ABDOM	N
1560	MALIG NEO GALLBLADDER	N	20174	HODG LYMPH DEPLET AXILLA	N
1561	MAL NEO EXTRAHEPAT DUCTS	N	20175	HODG LYMPH DEPLET INGUIN	N
1562	MAL NEO AMPULLA OF VATER	N	20176	HODG LYMPH DEPLET PELVIC	N
1568	MALIG NEO BILIARY NEC	N	20177	HODG LYMPH DEPLET SPLEEN	N
1569	MALIG NEO BILIARY NOS	N	20178	HODG LYMPH DEPLET MULT	N
1570	MAL NEO PANCREAS HEAD	N	20190	HODGK DIS UNSP XTRNDL ORG	N
1571	MAL NEO PANCREAS BODY	N	20191	HODGKINS DIS NOS HEAD	N
1572	MAL NEO PANCREAS TAIL	N	20192	HODGKINS DIS NOS THORAX	N
1573	MAL NEO PANCREATIC DUCT	N	20193	HODGKINS DIS NOS ABDOM	N
1574	MAL NEO ISLET LANGERHANS	N	20194	HODGKINS DIS NOS AXILLA	N
1578	MALIG NEO PANCREAS NEC	N	20195	HODGKINS DIS NOS INGUIN	N
1579	MALIG NEO PANCREAS NOS	N	20196	HODGKINS DIS NOS PELVIC	N
1580	MAL NEO RETROPERITONEUM	N	20197	HODGKINS DIS NOS SPLEEN	N
1588	MAL NEO PERITONEUM NEC	N	20198	HODGKINS DIS NOS MULT	N
1589	MAL NEO PERITONEUM NOS	N	20200	NDLR LYM UNSP XTRNDL ORG	N
1590	MALIG NEO INTESTINE NOS	N	20201	NODULAR LYMPHOMA HEAD	N
1591	MALIGNANT NEO SPLEEN NEC	N	20202	NODULAR LYMPHOMA THORAX	N
1598	MAL NEO GI/INTRA-ABD NEC	N	20203	NODULAR LYMPHOMA ABDOM	N
1599	MAL NEO GI TRACT ILL-DEF	N	20204	NODULAR LYMPHOMA AXILLA	N
1600	MAL NEO NASAL CAVITIES	N	20205	NODULAR LYMPHOMA INGUIN	N
1601	MALIG NEO MIDDLE EAR	N	20206	NODULAR LYMPHOMA PELVIC	N
1602	MAL NEO MAXILLARY SINUS	N	20207	NODULAR LYMPHOMA SPLEEN	N
1603	MAL NEO ETHMOIDAL SINUS	N	20208	NODULAR LYMPHOMA MULT	N
1604	MALIG NEO FRONTAL SINUS	N	20210	MYCS FNG UNSP XTRNDL ORG	N
1605	MAL NEO SPHENOID SINUS	N	20211	MYCOSIS FUNGOIDES HEAD	N
1608	MAL NEO ACCESS SINUS NEC	N	20212	MYCOSIS FUNGOIDES THORAX	N
1609	MAL NEO ACCESS SINUS NOS	N	20213	MYCOSIS FUNGOIDES ABDOM	N
1610	MALIGNANT NEO GLOTTIS	N	20214	MYCOSIS FUNGOIDES AXILLA	N
1611	MALIG NEO SUPRAGLOTTIS	N	20215	MYCOSIS FUNGOIDES INGUIN	N
1612	MALIG NEO SUBGLOTTIS	N	20216	MYCOSIS FUNGOIDES PELVIC	N
1613	MAL NEO CARTILAGE LARYNX	N	20217	MYCOSIS FUNGOIDES SPLEEN	N
1618	MALIGNANT NEO LARYNX NEC	N	20218	MYCOSIS FUNGOIDES MULT	N
1619	MALIGNANT NEO LARYNX NOS	N	20220	SZRY DIS UNSP XTRNDL ORG	N
1620	MALIGNANT NEO TRACHEA	N	20221	SEZARY'S DISEASE HEAD	N
1622	MALIG NEO MAIN BRONCHUS	N	20222	SEZARY'S DISEASE THORAX	N
1623	MAL NEO UPPER LOBE LUNG	N	20223	SEZARY'S DISEASE ABDOM	N
1624	MAL NEO MIDDLE LOBE LUNG	N	20224	SEZARY'S DISEASE AXILLA	N
1625	MAL NEO LOWER LOBE LUNG	N	20225	SEZARY'S DISEASE INGUIN	N
1628	MAL NEO BRONCH/LUNG NEC	N	20226	SEZARY'S DISEASE PELVIC	N
1629	MAL NEO BRONCH/LUNG NOS	N	20227	SEZARY'S DISEASE SPLEEN	N
1630	MAL NEO PARIETAL PLEURA	N	20228	SEZARY'S DISEASE MULT	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1631	MAL NEO VISCERAL PLEURA	N	20230	MLG HIST UNSP XTRNDL ORG	N
1638	MALIG NEOPL PLEURA NEC	N	20231	MAL HISTIOCYTOSIS HEAD	N
1639	MALIG NEOPL PLEURA NOS	N	20232	MAL HISTIOCYTOSIS THORAX	N
1640	MALIGNANT NEOPL THYMUS	N	20233	MAL HISTIOCYTOSIS ABDOM	N
1641	MALIGNANT NEOPL HEART	N	20234	MAL HISTIOCYTOSIS AXILLA	N
1642	MAL NEO ANT MEDIASTINUM	N	20235	MAL HISTIOCYTOSIS INGUIN	N
1643	MAL NEO POST MEDIASTINUM	N	20236	MAL HISTIOCYTOSIS PELVIC	N
1648	MAL NEO MEDIASTINUM NEC	N	20237	MAL HISTIOCYTOSIS SPLEEN	N
1649	MAL NEO MEDIASTINUM NOS	N	20238	MAL HISTIOCYTOSIS MULT	N
1650	MAL NEO UPPER RESP NOS	N	20240	LK RTCTL UNSP XTRNDL ORG	N
1658	MAL NEO THORAX/RESP NEC	N	20241	HAIRY-CELL LEUKEM HEAD	N
1659	MAL NEO RESP SYSTEM NOS	N	20242	HAIRY-CELL LEUKEM THORAX	N
1700	MAL NEO SKULL/FACE BONE	Y	20243	HAIRY-CELL LEUKEM ABDOM	N
1701	MALIGNANT NEO MANDIBLE	Y	20244	HAIRY-CELL LEUKEM AXILLA	N
1702	MALIG NEO VERTEBRAE	Y	20245	HAIRY-CELL LEUKEM INGUIN	N
1703	MAL NEO RIBS/STERN/CLAV	Y	20246	HAIRY-CELL LEUKEM PELVIC	N
1704	MAL NEO LONG BONES ARM	Y	20247	HAIRY-CELL LEUKEM SPLEEN	N
1705	MAL NEO BONES WRIST/HAND	Y	20248	HAIRY-CELL LEUKEM MULT	N
1706	MAL NEO PELVIC GIRDLE	Y	20250	LTR-SIWE UNSP XTRNDL ORG	N
1707	MAL NEO LONG BONES LEG	Y	20251	LETTERER-SIWE DIS HEAD	N
1708	MAL NEO BONES ANKLE/FOOT	Y	20252	LETTERER-SIWE DIS THORAX	N
1709	MALIG NEOPL BONE NOS	Y	20253	LETTERER-SIWE DIS ABDOM	N
1710	MAL NEO SOFT TISSUE HEAD	N	20254	LETTERER-SIWE DIS AXILLA	N
1712	MAL NEO SOFT TISSUE ARM	N	20255	LETTERER-SIWE DIS INGUIN	N
1713	MAL NEO SOFT TISSUE LEG	N	20256	LETTERER-SIWE DIS PELVIC	N
1714	MAL NEO SOFT TIS THORAX	N	20257	LETTERER-SIWE DIS SPLEEN	N
1715	MAL NEO SOFT TIS ABDOMEN	N	20258	LETTERER-SIWE DIS MULT	N
1716	MAL NEO SOFT TIS PELVIS	N	20260	MLG MAST UNSP XTRNDL ORG	N
1717	MAL NEOPL TRUNK NOS	N	20261	MAL MASTOCYTOSIS HEAD	N
1718	MAL NEO SOFT TISSUE NEC	N	20262	MAL MASTOCYTOSIS THORAX	N
1719	MAL NEO SOFT TISSUE NOS	N	20263	MAL MASTOCYTOSIS ABDOM	N
1720	MALIG MELANOMA LIP	N	20264	MAL MASTOCYTOSIS AXILLA	N
1721	MALIG MELANOMA EYELID	N	20265	MAL MASTOCYTOSIS INGUIN	N
1722	MALIG MELANOMA EAR	N	20266	MAL MASTOCYTOSIS PELVIC	N
1723	MAL MELANOM FACE NEC/NOS	N	20267	MAL MASTOCYTOSIS SPLEEN	N
1724	MAL MELANOMA SCALP/NECK	N	20268	MAL MASTOCYTOSIS MULT	N
1725	MALIG MELANOMA TRUNK	N	20270	PERIPH T CELL LYM XTRNDL	N
1726	MALIG MELANOMA ARM	N	20271	PERIPH T CELL LYMPH HEAD	N
1727	MALIG MELANOMA LEG	N	20272	PERIPH T CELL LYM THORAX	N
1728	MALIG MELANOMA SKIN NEC	N	20273	PERIPH T CELL LYM ABDOM	N
1729	MALIG MELANOMA SKIN NOS	N	20274	PERIPH T CELL LYM AXILLA	N
1740	MALIG NEO NIPPLE	N	20275	PERIPH T CELL LYM INGUIN	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1741	MAL NEO BREAST-CENTRAL	N	20276	PERIPH T CELL LYM PELVIC	N
1742	MAL NEO BREAST UP-INNER	N	20277	PERIPH T CELL LYM SPLEEN	N
1743	MAL NEO BREAST LOW-INNER	N	20278	PERIPH T CELL LYM MULTIP	N
1744	MAL NEO BREAST UP-OUTER	N	20280	OTH LYMP UNSP XTRNDL ORG	N
1745	MAL NEO BREAST LOW-OUTER	N	20281	LYMPHOMAS NEC HEAD	N
1746	MAL NEO BREAST-AXILLARY	N	20282	LYMPHOMAS NEC THORAX	N
1748	MALIGN NEOPL BREAST NEC	N	20283	LYMPHOMAS NEC ABDOM	N
1749	MALIGN NEOPL BREAST NOS	N	20284	LYMPHOMAS NEC AXILLA	N
1750	MAL NEO MALE NIPPLE	N	20285	LYMPHOMAS NEC INGUIN	N
1759	MAL NEO MALE BREAST NEC	N	20286	LYMPHOMAS NEC PELVIC	N
1760	SKIN - KAPOSII'S SARCOMA	N	20287	LYMPHOMAS NEC SPLEEN	N
1761	SFT TISUE - KPSI'S SRCMA	N	20288	LYMPHOMAS NEC MULT	N
1762	PALATE - KPSI'S SARCOMA	N	20290	UNSP LYM UNSP XTRNDL ORG	N
1763	GI SITES - KPSI'S SRCOMA	N	20291	LYMPHOID MAL NEC HEAD	N
1764	LUNG - KAPOSII'S SARCOMA	N	20292	LYMPHOID MAL NEC THORAX	N
1765	LYM NDS - KPSI'S SARCOMA	N	20293	LYMPHOID MAL NEC ABDOM	N
1768	SPF STS - KPSI'S SARCOMA	N	20294	LYMPHOID MAL NEC AXILLA	N
1769	KAPOSII'S SARCOMA NOS	N	20295	LYMPHOID MAL NEC INGUIN	N
179	MALIG NEOPL UTERUS NOS	N	20296	LYMPHOID MAL NEC PELVIC	N
1800	MALIG NEO ENDOCERVIX	N	20297	LYMPHOID MAL NEC SPLEEN	N
1801	MALIG NEO EXOCERVIX	N	20298	LYMPHOID MAL NEC MULT	N
1808	MALIG NEO CERVIX NEC	N	20300	MULT MYE W/O ACHV RMSON	N
1809	MAL NEO CERVIX UTERI NOS	N	20301	MULT MYELM W REMISSION	N
181	MALIGNANT NEOPL PLACENTA	N	20302	MULT MYELOMA IN RELAPSE	N
1820	MALIG NEO CORPUS UTERI	N	20310	PLS CL LEU W/O ACHV RMSN	N
1821	MAL NEO UTERINE ISTHMUS	N	20311	PLSM CELL LEUK W RMSON	N
1828	MAL NEO BODY UTERUS NEC	N	20312	PLSM CEL LEUK IN RELAPSE	N
1830	MALIGN NEOPL OVARY	N	20380	OTH IMNO NPL WO ACH RMSN	N
1832	MAL NEO FALLOPIAN TUBE	N	20381	OTH IMNPRFL NPL W RMSN	N
1833	MAL NEO BROAD LIGAMENT	N	20382	OTH IMNPRFL NEO-RELAPSE	N
1834	MALIG NEO PARAMETRIUM	N	20400	AC LYM LEUK WO ACHV RMSN	N
1835	MAL NEO ROUND LIGAMENT	N	20401	ACT LYM LEUK W RMSION	N
1838	MAL NEO ADNEXA NEC	N	20402	ACT LYMP LEUK IN RELAPSE	N
1839	MAL NEO ADNEXA NOS	N	20410	CH LYM LEUK WO ACHV RMSN	N
1840	MALIGN NEOPL VAGINA	N	20411	CHR LYM LEUK W RMSION	N
1841	MAL NEO LABIA MAJORA	N	20412	CHR LYMP LEUK IN RELAPSE	N
1842	MAL NEO LABIA MINORA	N	20420	SBAC LYM LEU WO ACH RMSN	N
1843	MALIGN NEOPL CLITORIS	N	20421	SBAC LYM LEUK W RMSION	N
1844	MALIGN NEOPL VULVA NOS	N	20422	SBAC LYM LEUK IN RELAPSE	N
1848	MAL NEO FEMALE GENIT NEC	N	20480	OTH LYM LEU WO ACHV RMSN	N
1849	MAL NEO FEMALE GENIT NOS	N	20481	OTH LYM LEUK W RMSION	N
185	MALIGN NEOPL PROSTATE	N	20482	OTH LYM LEUK IN RELAPSE	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1860	MAL NEO UNDESCEND TESTIS	N	20490	UNS LYM LEU WO ACH RMSN	N
1869	MALIG NEO TESTIS NEC	N	20491	UNS LYM LEUK W RMSION	N
1871	MALIGN NEOPL PREPUCE	N	20492	LYMP LEUK NOS RELAPSE	N
1872	MALIG NEO GLANS PENIS	N	20500	AC MYL LEUK WO ACHV RMSN	N
1873	MALIG NEO PENIS BODY	N	20501	ACT MYL LEUK W RMSION	N
1874	MALIG NEO PENIS NOS	N	20502	ACT MYEL LEUK IN RELAPSE	N
1875	MALIG NEO EPIDIDYMIS	N	20510	CH MYL LEUK WO ACHV RMSN	N
1876	MAL NEO SPERMATIC CORD	N	20511	CHR MYL LEUK W RMSION	N
1877	MALIGN NEOPL SCROTUM	N	20512	CHR MYEL LEUK IN RELAPSE	N
1878	MAL NEO MALE GENITAL NEC	N	20520	SBAC MYL LEU WO ACH RMSN	N
1879	MAL NEO MALE GENITAL NOS	N	20521	SBAC MYL LEUK W RMSION	N
1880	MAL NEO BLADDER-TRIGONE	N	20522	SBAC MYL LEUK IN RELAPSE	N
1881	MAL NEO BLADDER-DOME	N	20530	MYL SARCOMA WO ACHV RMSN	N
1882	MAL NEO BLADDER-LATERAL	N	20531	MYL SRCOMA W RMSION	N
1883	MAL NEO BLADDER-ANTERIOR	N	20532	MYEL SARCOMA IN RELAPSE	N
1884	MAL NEO BLADDER-POST	N	20580	OTH MY LEUK WO ACHV RMSN	N
1885	MAL NEO BLADDER NECK	N	20581	OTH MYL LEUK W RMSION	N
1886	MAL NEO URETERIC ORIFICE	N	20582	OTH MYEL LEUK IN RELAPSE	N
1887	MALIG NEO URACHUS	N	20590	UNS MY LEU WO ACH RMSN	N
1888	MALIG NEO BLADDER NEC	N	20591	UNS MYL LEUK W RMSION	N
1889	MALIG NEO BLADDER NOS	N	20592	MYEL LEUK NOS IN RELAPSE	N
1890	MALIG NEOPL KIDNEY	N	20600	AC MONO LEU WO ACHV RMSN	N
1891	MALIG NEO RENAL PELVIS	N	20601	ACT MONO LEUK W RMSION	N
1892	MALIGN NEOPL URETER	N	20602	ACT MONO LEUK IN RELAPSE	N
1893	MALIGN NEOPL URETHRA	N	20610	CH MONO LEU WO ACHV RMSN	N
1894	MAL NEO PARAURETHRAL	N	20611	CHR MONO LEUK W RMSION	N
1898	MAL NEO URINARY NEC	N	20612	CHR MONO LEUK IN RELAPSE	N
1899	MAL NEO URINARY NOS	N	20620	SBAC MNO LEU WO ACH RMSN	N
1900	MALIGN NEOPL EYEBALL	N	20621	SBAC MONO LEUK W RMSION	N
1901	MALIGN NEOPL ORBIT	N	20622	SBAC MONO LEU IN RELAPSE	N
1902	MAL NEO LACRIMAL GLAND	N	20680	OT MONO LEU WO ACHV RMSN	N
1903	MAL NEO CONJUNCTIVA	N	20681	OTH MONO LEUK W RMSION	N
1904	MALIGN NEOPL CORNEA	N	20682	OTH MONO LEUK IN RELAPSE	N
1905	MALIGN NEOPL RETINA	N	20690	UNS MNO LEU WO ACH RMSN	N
1906	MALIGN NEOPL CHOROID	N	20691	UNS MONO LEUK W RMSION	N
1907	MAL NEO LACRIMAL DUCT	N	20692	MONO LEUK NOS RELAPSE	N
1908	MALIGN NEOPL EYE NEC	N	20700	AC ERTH/ERLK WO ACH RMSN	N
1909	MALIGN NEOPL EYE NOS	N	20701	ACT ERTH/ERYLK W RMSON	N
1910	MALIGN NEOPL CEREBRUM	N	20702	AC ERTH/ERYLK IN RELAPSE	N
1911	MALIG NEO FRONTAL LOBE	N	20710	CHR ERYTHRM W/O ACH RMSN	N
1912	MAL NEO TEMPORAL LOBE	N	20711	CHR ERYTHRM W REMISION	N
1913	MAL NEO PARIETAL LOBE	N	20712	CHR ERYTHRMIA IN RELAPSE	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1914	MAL NEO OCCIPITAL LOBE	N	20720	MGKRCYT LEUK WO ACH RMSN	N
1915	MAL NEO CEREB VENTRICLE	N	20721	MGKRYCYT LEUK W RMSION	N
1916	MAL NEO CEREBELLUM NOS	N	20722	MGKRYCYT LEUK IN RELAPSE	N
1917	MAL NEO BRAIN STEM	N	20780	OTH LEUK W/O ACHV RMSN	N
1918	MALIG NEO BRAIN NEC	N	20781	OTH SPF LEUK W REMSION	N
1919	MALIG NEO BRAIN NOS	N	20782	OTH SPF LEUK IN RELAPSE	N
1920	MAL NEO CRANIAL NERVES	N	20800	AC LEU UN CL WO ACH RMSN	N
1921	MAL NEO CEREBRAL MENING	N	20801	ACT LEUK UNS CL W RMSON	N
1922	MAL NEO SPINAL CORD	N	20802	AC LEUK UNS CL RELAPSE	N
1923	MAL NEO SPINAL MENINGES	N	20810	CH LEU UN CL WO ACH RMSN	N
1928	MAL NEO NERVOUS SYST NEC	N	20811	CHR LEUK UNS CL W RMSON	N
1929	MAL NEO NERVOUS SYST NOS	N	20812	CH LEU UNS CL IN RELAPSE	N
193	MALIGN NEOPL THYROID	N	20820	SBC LEU UN CL WO AH RMSN	N
1940	MALIGN NEOPL ADRENAL	N	20821	SBAC LEUK UNS CL W RMSON	N
1941	MALIG NEO PARATHYROID	N	20822	SBAC LEU UNS CL-RELAPSE	N
1943	MALIG NEO PITUITARY	N	20880	OT LEU UN CL WO ACH RMSN	N
1944	MALIGN NEO PINEAL GLAND	N	20881	OTH LEUK UNS CL W RMSON	N
1945	MAL NEO CAROTID BODY	N	20882	OTH LEUK UNS CL-RELAPSE	N
1946	MAL NEO PARAGANGLIA NEC	N	20890	LEUK NOS W/O ACHV RMSN	N
1948	MAL NEO ENDOCRINE NEC	N	20891	LEUKEMIA NOS W REMISSION	N
1949	MAL NEO ENDOCRINE NOS	N	20892	LEUKEMIA NOS IN RELAPSE	N
1950	MAL NEO HEAD/FACE/NECK	N	20900	MAL CRCNOID SM INTST NOS	N
1951	MALIGN NEOPL THORAX	N	20901	MALIG CARCINOID DUODENUM	N
1952	MALIG NEO ABDOMEN	N	20902	MALIG CARCINOID JEJUNUM	N
1953	MALIGN NEOPL PELVIS	N	20903	MALIG CARCINOID ILEUM	N
1954	MALIGN NEOPL ARM	N	20910	MAL CRCNOID LG INTST NOS	N
1955	MALIGN NEOPL LEG	N	20911	MALIG CARCINOID APPENDIX	N
1958	MALIG NEO SITE NEC	N	20912	MALIG CARCINOID CECUM	N
1960	MAL NEO LYMPH-HEAD/NECK	Y	20913	MAL CRCNOID ASCEND COLON	N
1961	MAL NEO LYMPH-INRATHOR	Y	20914	MAL CRCNOID TRANSV COLON	N
1962	MAL NEO LYMPH INTRA-ABD	Y	20915	MAL CARCINOID DESC COLON	N
1963	MAL NEO LYMPH-AXILLA/ARM	Y	20916	MAL CARCINOID SIG COLON	N
1965	MAL NEO LYMPH-INGUIN/LEG	Y	20917	MALIG CARCINOID RECTUM	N
1966	MAL NEO LYMPH-INTRAPELV	Y	20920	MAL CRCND PRIM SITE UNKN	N
1968	MAL NEO LYMPH NODE-MULT	Y	20921	MAL CARCINOID BRONC/LUNG	N
1969	MAL NEO LYMPH NODE NOS	Y	20922	MALIG CARCINOID THYMUS	N
1970	SECONDARY MALIG NEO LUNG	Y	20923	MALIG CARCINOID STOMACH	N
1971	SEC MAL NEO MEDIASTINUM	Y	20924	MALIG CARCINOID KIDNEY	N
1972	SECOND MALIG NEO PLEURA	Y	20925	MAL CARCNOID FOREGUT NOS	N
1973	SEC MALIG NEO RESP NEC	Y	20926	MAL CARCINOID MIDGUT NOS	N
1974	SEC MALIG NEO SM BOWEL	Y	20927	MAL CARCNOID HINDGUT NOS	N
1975	SEC MALIG NEO LG BOWEL	Y	20929	MALIG CARCINOID OTH SITE	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
1976	SEC MAL NEO PERITONEUM	Y	20930	MALIG NEUROENDO CA NOS	N
1977	SECOND MALIG NEO LIVER	Y	20931	MERKEL CELL CA-FACE	N
1978	SEC MAL NEO GI NEC	Y	20932	MERKEL CELL CA-SCLP/NECK	N
1980	SECOND MALIG NEO KIDNEY	Y	20933	MERKEL CELL CA-UP LIMB	N
1981	SEC MALIG NEO URIN NEC	Y	20934	MERKEL CELL CA-LOW LIMB	N
1982	SECONDARY MALIG NEO SKIN	Y	20935	MERKEL CELL CA-TRUNK	N
1983	SEC MAL NEO BRAIN/SPINE	Y	20936	MERKEL CELL CA-OTH SITES	N
1984	SEC MALIG NEO NERVE NEC	Y	20970	SEC NEUROENDO TUMOR NOS	Y
1985	SECONDARY MALIG NEO BONE	Y	20971	SEC NEUROEND TU DIST LYM	Y
1986	SECOND MALIG NEO OVARY	Y	20972	SEC NEUROEND TUMOR-LIVER	Y
1987	SECOND MALIG NEO ADRENAL	Y	20973	SEC NEUROENDO TUMOR-BONE	Y
19881	SECOND MALIG NEO BREAST	Y	20974	SEC NEUROENDO TU-PERITON	Y
19882	SECOND MALIG NEO GENITAL	Y	20975	SECONDARY MERKEL CELL CA	Y
19889	SECONDARY MALIG NEO NEC	Y	20979	SEC NEUROEND TU OTH SITE	Y
1990	MALIG NEO DISSEMINATED	N	2300	CA IN SITU ORAL CAV/PHAR	N
1991	MALIGNANT NEOPLASM NOS	N	2301	CA IN SITU ESOPHAGUS	N
1992	MALIG NEOPL-TRANSP ORGAN	N	2302	CA IN SITU STOMACH	N
20000	RETCLSRC UNSP XTRNDL ORG	N	2303	CA IN SITU COLON	N
20001	RETICULOSARCOMA HEAD	N	2304	CA IN SITU RECTUM	N
20002	RETICULOSARCOMA THORAX	N	2305	CA IN SITU ANAL CANAL	N
20003	RETICULOSARCOMA ABDOM	N	2306	CA IN SITU ANUS NOS	N
20004	RETICULOSARCOMA AXILLA	N	2307	CA IN SITU BOWEL NEC/NOS	N
20005	RETICULOSARCOMA INGUIN	N	2308	CA IN SITU LIVER/BILIARY	N
20006	RETICULOSARCOMA PELVIC	N	2309	CA IN SITU GI NEC/NOS	N
20007	RETICULOSARCOMA SPLEEN	N	2310	CA IN SITU LARYNX	N
20008	RETICULOSARCOMA MULT	N	2311	CA IN SITU TRACHEA	N
20010	LYMPHSRC UNSP XTRNDL ORG	N	2312	CA IN SITU BRONCHUS/LUNG	N
20011	LYMPHOSARCOMA HEAD	N	2318	CA IN SITU RESP SYS NEC	N
20012	LYMPHOSARCOMA THORAX	N	2319	CA IN SITU RESP SYS NOS	N
20013	LYMPHOSARCOMA ABDOM	N	2320	CA IN SITU SKIN LIP	N
20014	LYMPHOSARCOMA AXILLA	N	2321	CA IN SITU EYELID	N
20015	LYMPHOSARCOMA INGUIN	N	2322	CA IN SITU SKIN EAR	N
20016	LYMPHOSARCOMA PELVIC	N	2323	CA IN SITU SKIN FACE NEC	N
20017	LYMPHOSARCOMA SPLEEN	N	2324	CA IN SITU SCALP	N
20018	LYMPHOSARCOMA MULT	N	2325	CA IN SITU SKIN TRUNK	N
20020	BRKT TMR UNSP XTRNDL ORG	N	2326	CA IN SITU SKIN ARM	N
20021	BURKITT'S TUMOR HEAD	N	2327	CA IN SITU SKIN LEG	N
20022	BURKITT'S TUMOR THORAX	N	2328	CA IN SITU SKIN NEC	N
20023	BURKITT'S TUMOR ABDOM	N	2329	CA IN SITU SKIN NOS	N
20024	BURKITT'S TUMOR AXILLA	N	2330	CA IN SITU BREAST	N
20025	BURKITT'S TUMOR INGUIN	N	2331	CA IN SITU CERVIX UTERI	N
20026	BURKITT'S TUMOR PELVIC	N	2332	CA IN SITU UTERUS NEC	N

ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-9-CM CODE	DESCRIPTION	METASTATIC/ BONE?
20027	BURKITT'S TUMOR SPLEEN	N	23330	CA IN SITU FEM GEN NOS	N
20028	BURKITT'S TUMOR MULT	N	23331	CARCINOMA IN SITU VAGINA	N
20030	MARGNL ZONE LYM XTRNDL	N	23332	CARCINOMA IN SITU VULVA	N
20031	MARGIN ZONE LYM HEAD	N	23339	CA IN SITU FEM GEN NEC	N
20032	MARGIN ZONE LYM THORAX	N	V580	RADIO THERAPY ENCOUNTER	N
20033	MARGIN ZONE LYM ABDOM	N	V5811	ANTINEOPLASTIC CHEMO ENC	N
20034	MARGIN ZONE LYM AXILLA	N	V5812	IMMUNOTHERAPY ENCOUNTER	N
20035	MARGIN ZONE LYM INGUIN	N	V5842	AFTERCARE NEOPLASM SURG	N

ICD-10-CM DIAGNOSIS CODES

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C000	Malignant neoplasm of external upper lip	N	C9031	Solitary plasmacytoma in remission	N
C001	Malignant neoplasm of external lower lip	N	C9022	Extramedullary plasmacytoma in relapse	N
C003	Malignant neoplasm of upper lip, inner aspect	N	C9032	Solitary plasmacytoma in relapse	N
C004	Malignant neoplasm of lower lip, inner aspect	N	C9100	Acute lymphoblastic leukemia not having achieved remission	N
C005	Malignant neoplasm of lip, unspecified, inner aspect	N	C9101	Acute lymphoblastic leukemia, in remission	N
C006	Malignant neoplasm of commissure of lip, unspecified	N	C9102	Acute lymphoblastic leukemia, in relapse	N
C008	Malignant neoplasm of overlapping sites of lip	N	C9110	Chronic lymphocytic leuk of B-cell type not achieve remis	N
C002	Malignant neoplasm of external lip, unspecified	N	C9111	Chronic lymphocytic leukemia of B-cell type N in remission	N
C01	Malignant neoplasm of base of tongue	N	C9112	Chronic lymphocytic leukemia of B-cell type N in relapse	N
C020	Malignant neoplasm of dorsal surface of tongue	N	C9120	Other lymphoid leukemia not having achieved remission	N
C021	Malignant neoplasm of border of tongue	N	C9121	Other lymphoid leukemia, in remission	N
C022	Malignant neoplasm of ventral surface of tongue	N	C9122	Other lymphoid leukemia, in relapse	N
C023	Malig neoplasm of anterior two-thirds of tongue, part unsp	N	C9190	Lymphoid leukemia, unspecified not having achieved remission	N
C028	Malignant neoplasm of overlapping sites of tongue	N	C9191	Lymphoid leukemia, unspecified, in remission	N
C024	Malignant neoplasm of lingual tonsil	N	C9192	Lymphoid leukemia, unspecified, in relapse	N
C029	Malignant neoplasm of tongue, unspecified	N	C9200	Acute myeloblastic leukemia, not having achieved remission	N
C07	Malignant neoplasm of parotid gland	N	C9240	Acute promyelocytic leukemia, not having achieved remission	N
C080	Malignant neoplasm of submandibular gland	N	C9250	Acute myelomonocytic leukemia, not having achieved remission	N
C081	Malignant neoplasm of sublingual gland	N	C9201	Acute myeloblastic leukemia, in remission	N
C089	Malignant neoplasm of major salivary gland, N unspecified	N	C9241	Acute promyelocytic leukemia, in remission	N
C030	Malignant neoplasm of upper gum	N	C9251	Acute myelomonocytic leukemia, in remission	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/BONE?
C031	Malignant neoplasm of lower gum	N	C9202	Acute myeloblastic leukemia, in relapse	N
C039	Malignant neoplasm of gum, unspecified	N	C9242	Acute promyelocytic leukemia, in relapse	N
C040	Malignant neoplasm of anterior floor of mouth	N	C9252	Acute myelomonocytic leukemia, in relapse	N
C041	Malignant neoplasm of lateral floor of mouth	N	C9210	Chronic myeloid leuk, BCR/ABL-positive, not achieve remis	N
C048	Malignant neoplasm of overlapping sites of floor of mouth	N	C9211	Chronic myeloid leukemia, BCR/ABL-positive, in remission	N
C049	Malignant neoplasm of floor of mouth, unspecified	N	C9212	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	N
C060	Malignant neoplasm of cheek mucosa	N	C9220	Atyp chronic myeloid leuk, BCR/ABL-neg, not achieve remis	N
C061	Malignant neoplasm of vestibule of mouth	N	C9221	Atypical chronic myeloid leukemia, BCR/ABL-neg, in remission	N
C050	Malignant neoplasm of hard palate	N	C9222	Atypical chronic myeloid leukemia, BCR/ABL-neg, in relapse	N
C051	Malignant neoplasm of soft palate	N	C9230	Myeloid sarcoma, not having achieved remission	N
C052	Malignant neoplasm of uvula	N	C9231	Myeloid sarcoma, in remission	N
C059	Malignant neoplasm of palate, unspecified	N	C9232	Myeloid sarcoma, in relapse	N
C062	Malignant neoplasm of retromolar area	N	C92Z0	Other myeloid leukemia not having achieved remission	N
C0689	Malignant neoplasm of overlapping sites of oth prt mouth	N	C92Z1	Other myeloid leukemia, in remission	N
C069	Malignant neoplasm of mouth, unspecified	N	C92Z2	Other myeloid leukemia, in relapse	N
C099	Malignant neoplasm of tonsil, unspecified	N	C9290	Myeloid leukemia, unspecified, not having achieved remission	N
C090	Malignant neoplasm of tonsillar fossa	N	C9291	Myeloid leukemia, unspecified in remission	N
C091	Malig neoplasm of tonsillar pillar (anterior) (posterior)	N	C9292	Myeloid leukemia, unspecified in relapse	N
C100	Malignant neoplasm of vallecula	N	C9300	Acute monoblastic/monocytic leukemia, not achieve remission	N
C101	Malignant neoplasm of anterior surface of epiglottis	N	C9301	Acute monoblastic/monocytic leukemia, in remission	N
C108	Malignant neoplasm of overlapping sites of oropharynx	N	C9302	Acute monoblastic/monocytic leukemia, in relapse	N
C102	Malignant neoplasm of lateral wall of oropharynx	N	C9310	Chronic myelomonocytic leukemia not achieve remission	N
C103	Malignant neoplasm of posterior wall of oropharynx	N	C9311	Chronic myelomonocytic leukemia, in remission	N
C104	Malignant neoplasm of branchial cleft	N	C9312	Chronic myelomonocytic leukemia, in relapse	N
C109	Malignant neoplasm of oropharynx, unspecified	N	C9390	Monocytic leukemia, unsp, not having achieved remission	N
C110	Malignant neoplasm of superior wall of nasopharynx	N	C9391	Monocytic leukemia, unspecified in remission	N
C111	Malignant neoplasm of posterior wall of nasopharynx	N	C9392	Monocytic leukemia, unspecified in relapse	N
C112	Malignant neoplasm of lateral wall of nasopharynx	N	C93Z0	Other monocytic leukemia, not having achieved remission	N
C113	Malignant neoplasm of anterior wall of	N	C93Z1	Other monocytic leukemia, in remission	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
	nasopharynx				
C118	Malignant neoplasm of overlapping sites of nasopharynx	N	C93Z2	Other monocytic leukemia, in relapse	N
C119	Malignant neoplasm of nasopharynx, unspecified	N	C9400	Acute erythroid leukemia, not having achieved remission	N
C130	Malignant neoplasm of postcricoid region	N	C9401	Acute erythroid leukemia, in remission	N
C12	Malignant neoplasm of pyriform sinus	N	C9402	Acute erythroid leukemia, in relapse	N
C131	Malig neoplasm of aryepiglottic fold, hypopharyngeal aspect	N	D45	Polycythemia vera	N
C132	Malignant neoplasm of posterior wall of hypopharynx	N	C9420	Acute megakaryoblastic leukemia not achieve remission	N
C138	Malignant neoplasm of overlapping sites of hypopharynx	N	C9421	Acute megakaryoblastic leukemia, in remission	N
C139	Malignant neoplasm of hypopharynx, unspecified	N	C9422	Acute megakaryoblastic leukemia, in relapse	N
C140	Malignant neoplasm of pharynx, unspecified	N	C9430	Mast cell leukemia not having achieved remission	N
C142	Malignant neoplasm of Waldeyer's ring	N	C9480	Other specified leukemias not having achieved remission	N
C148	Malig neoplasm of overl sites of lip, oral cavity and pharynx	N	C9431	Mast cell leukemia, in remission	N
C153	Malignant neoplasm of upper third of esophagus	N	C9481	Other specified leukemias, in remission	N
C154	Malignant neoplasm of middle third of esophagus	N	C9432	Mast cell leukemia, in relapse	N
C155	Malignant neoplasm of lower third of esophagus	N	C9482	Other specified leukemias, in relapse	N
C158	Malignant neoplasm of overlapping sites of esophagus	N	C9500	Acute leukemia of unsp cell type not achieve remission	N
C159	Malignant neoplasm of esophagus, unspecified	N	C9501	Acute leukemia of unspecified cell type, in remission	N
C160	Malignant neoplasm of cardia	N	C9502	Acute leukemia of unspecified cell type, in relapse	N
C164	Malignant neoplasm of pylorus	N	C9510	Chronic leukemia of unsp cell type not achieve remission	N
C163	Malignant neoplasm of pyloric antrum	N	C9511	Chronic leukemia of unspecified cell type, in remission	N
C161	Malignant neoplasm of fundus of stomach	N	C9512	Chronic leukemia of unspecified cell type, in relapse	N
C162	Malignant neoplasm of body of stomach	N	C9590	Leukemia, unspecified not having achieved remission	N
C165	Malignant neoplasm of lesser curvature of stomach, unsp	N	C9591	Leukemia, unspecified, in remission	N
C166	Malignant neoplasm of greater curvature of stomach, unsp	N	C9592	Leukemia, unspecified, in relapse	N
C168	Malignant neoplasm of overlapping sites of stomach	N	C7A019	Malignant carcinoid tumor of the sm int, unsp portion	N
C169	Malignant neoplasm of stomach, unspecified	N	C7A010	Malignant carcinoid tumor of the duodenum	N
C170	Malignant neoplasm of duodenum	N	C7A011	Malignant carcinoid tumor of the jejunum	N
C171	Malignant neoplasm of jejunum	N	C7A012	Malignant carcinoid tumor of the ileum	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C172	Malignant neoplasm of ileum	N	C7A029	Malignant carcinoid tumor of the lg int, unsp portion	N
C173	Meckel's diverticulum, malignant	N	C7A020	Malignant carcinoid tumor of the appendix	N
C178	Malignant neoplasm of overlapping sites of small intestine	N	C7A021	Malignant carcinoid tumor of the cecum	N
C179	Malignant neoplasm of small intestine, unspecified	N	C7A022	Malignant carcinoid tumor of the ascending colon	N
C183	Malignant neoplasm of hepatic flexure	N	C7A023	Malignant carcinoid tumor of the transverse colon	N
C184	Malignant neoplasm of transverse colon	N	C7A024	Malignant carcinoid tumor of the descending colon	N
C186	Malignant neoplasm of descending colon	N	C7A025	Malignant carcinoid tumor of the sigmoid colon	N
C187	Malignant neoplasm of sigmoid colon	N	C7A026	Malignant carcinoid tumor of the rectum	N
C180	Malignant neoplasm of cecum	N	C7A00	Malignant carcinoid tumor of unspecified site	N
C181	Malignant neoplasm of appendix	N	C7A090	Malignant carcinoid tumor of the bronchus and lung	N
C182	Malignant neoplasm of ascending colon	N	C7A091	Malignant carcinoid tumor of the thymus	N
C185	Malignant neoplasm of splenic flexure	N	C7A092	Malignant carcinoid tumor of the stomach	N
C188	Malignant neoplasm of overlapping sites of colon	N	C7A093	Malignant carcinoid tumor of the kidney	N
C189	Malignant neoplasm of colon, unspecified	N	C7A098	Malignant carcinoid tumors of other sites	N
C19	Malignant neoplasm of rectosigmoid junction	N	C7A1	Malignant poorly differentiated neuroendocrine tumors	N
C20	Malignant neoplasm of rectum	N	C4A0	Merkel cell carcinoma of lip	N
C211	Malignant neoplasm of anal canal	N	C4A10	Merkel cell carcinoma of unsp eyelid, including canthus	N
C210	Malignant neoplasm of anus, unspecified	N	C4A20	Merkel cell carcinoma of unsp ear and external auric canal	N
C218	Malig neoplasm of ovrlp sites of rectum, anus and anal canal	N	C4A30	Merkel cell carcinoma of unspecified part of face	N
C220	Liver cell carcinoma	N	C4A39	Merkel cell carcinoma of other parts of face	N
C222	Hepatoblastoma	N	C4A4	Merkel cell carcinoma of scalp and neck	N
C227	Other specified carcinomas of liver	N	C4A60	Merkel cell carcinoma of unsp upper limb, including shoulder	N
C228	Malignant neoplasm of liver, primary, unspecified as to type	N	C4A70	Merkel cell carcinoma of unsp lower limb, including hip	N
C221	Intrahepatic bile duct carcinoma	N	C4A59	Merkel cell carcinoma of other part of trunk	N
C229	Malig neoplasm of liver, not specified as primary or sec	N	C4A8	Merkel cell carcinoma of overlapping sites	N
C23	Malignant neoplasm of gallbladder	N	C4A9	Merkel cell carcinoma, unspecified	N
C240	Malignant neoplasm of extrahepatic bile duct	N	C7B00	Secondary carcinoid tumors, unspecified site	Y
C241	Malignant neoplasm of ampulla of Vater	N	C7B01	Secondary carcinoid tumors of distant lymph nodes	Y
C248	Malignant neoplasm of overlapping sites of biliary tract	N	C7B02	Secondary carcinoid tumors of liver	Y
C249	Malignant neoplasm of biliary tract, unspecified	N	C7B03	Secondary carcinoid tumors of bone	Y

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C250	Malignant neoplasm of head of pancreas	N	C7B04	Secondary carcinoid tumors of peritoneum	Y
C251	Malignant neoplasm of body of pancreas	N	C7B1	Secondary Merkel cell carcinoma	Y
C252	Malignant neoplasm of tail of pancreas	N	C7B09	Secondary carcinoid tumors of other sites	Y
C253	Malignant neoplasm of pancreatic duct	N	C7B8	Other secondary neuroendocrine tumors	Y
C254	Malignant neoplasm of endocrine pancreas	N	D0000	Carcinoma in situ of oral cavity, unspecified site	N
C257	Malignant neoplasm of other parts of pancreas	N	D0001	Carcinoma in situ of labial mucosa and vermilion border	N
C258	Malignant neoplasm of overlapping sites of pancreas	N	D0002	Carcinoma in situ of buccal mucosa	N
C259	Malignant neoplasm of pancreas, unspecified	N	D0003	Carcinoma in situ of gingiva and edentulous alveolar ridge	N
C480	Malignant neoplasm of retroperitoneum	N	D0004	Carcinoma in situ of soft palate	N
C481	Malignant neoplasm of specified parts of peritoneum	N	D0005	Carcinoma in situ of hard palate	N
C488	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	N	D0006	Carcinoma in situ of floor of mouth	N
C482	Malignant neoplasm of peritoneum, unspecified	N	D0007	Carcinoma in situ of tongue	N
C260	Malignant neoplasm of intestinal tract, part unspecified	N	D0008	Carcinoma in situ of pharynx	N
C261	Malignant neoplasm of spleen	N	D001	Carcinoma in situ of esophagus	N
C269	Malignant neoplasm of ill-defined sites within the digestive system	N	D002	Carcinoma in situ of stomach	N
C300	Malignant neoplasm of nasal cavity	N	D010	Carcinoma in situ of colon	N
C301	Malignant neoplasm of middle ear	N	D011	Carcinoma in situ of rectosigmoid junction	N
C310	Malignant neoplasm of maxillary sinus	N	D012	Carcinoma in situ of rectum	N
C311	Malignant neoplasm of ethmoidal sinus	N	D013	Carcinoma in situ of anus and anal canal	N
C312	Malignant neoplasm of frontal sinus	N	D0140	Carcinoma in situ of unspecified part of intestine	N
C313	Malignant neoplasm of sphenoid sinus	N	D0149	Carcinoma in situ of other parts of intestine	N
C318	Malignant neoplasm of overlapping sites of accessory sinuses	N	D015	Carcinoma in situ of liver, gallbladder and bile ducts	N
C319	Malignant neoplasm of accessory sinus, unspecified	N	D017	Carcinoma in situ of other specified digestive organs	N
C320	Malignant neoplasm of glottis	N	D019	Carcinoma in situ of digestive organ, unspecified	N
C321	Malignant neoplasm of supraglottis	N	D020	Carcinoma in situ of larynx	N
C322	Malignant neoplasm of subglottis	N	D021	Carcinoma in situ of trachea	N
C323	Malignant neoplasm of laryngeal cartilage	N	D0220	Carcinoma in situ of unspecified bronchus and lung	N
C328	Malignant neoplasm of overlapping sites of larynx	N	D023	Carcinoma in situ of other parts of respiratory system	N
C329	Malignant neoplasm of larynx, unspecified	N	D024	Carcinoma in situ of respiratory system, unspecified	N
C33	Malignant neoplasm of trachea	N	D040	Carcinoma in situ of skin of lip	N
C3400	Malignant neoplasm of unspecified main bronchus	N	D0410	Carcinoma in situ of skin of unsp eyelid, including canthus	N
C3410	Malignant neoplasm of upper lobe, unsp	N	D0420	Ca in situ skin of unsp ear and external	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
	bronchus or lung			auricular canal	
C342	Malignant neoplasm of middle lobe, bronchus or lung	N	D0430	Carcinoma in situ of skin of unspecified part of face	N
C3430	Malignant neoplasm of lower lobe, unsp bronchus or lung	N	D0439	Carcinoma in situ of skin of other parts of face	N
C3480	Malignant neoplasm of ovrlp sites of unsp bronchus and lung	N	D044	Carcinoma in situ of skin of scalp and neck	N
C3490	Malignant neoplasm of unsp part of unsp bronchus or lung	N	D045	Carcinoma in situ of skin of trunk	N
C384	Malignant neoplasm of pleura	N	D0460	Ca in situ skin of unsp upper limb, including shoulder	N
C37	Malignant neoplasm of thymus	N	D0470	Carcinoma in situ of skin of unsp lower limb, including hip	N
C380	Malignant neoplasm of heart	N	D048	Carcinoma in situ of skin of other sites	N
C381	Malignant neoplasm of anterior mediastinum	N	D049	Carcinoma in situ of skin, unspecified	N
C382	Malignant neoplasm of posterior mediastinum	N	D0590	Unspecified type of carcinoma in situ of unspecified breast	N
C388	Malig neoplasm of ovrlp sites of heart, mediastinum and pleura	N	D069	Carcinoma in situ of cervix, unspecified	N
C383	Malignant neoplasm of mediastinum, part unspecified	N	D070	Carcinoma in situ of endometrium	N
C390	Malignant neoplasm of upper respiratory tract, part unsp	N	D0730	Carcinoma in situ of unspecified female genital organs	N
C399	Malignant neoplasm of lower respiratory tract, part unsp	N	D072	Carcinoma in situ of vagina	N
C410	Malignant neoplasm of bones of skull and face	Y	D071	Carcinoma in situ of vulva	N
C411	Malignant neoplasm of mandible	Y	D0739	Carcinoma in situ of other female genital organs	N
C412	Malignant neoplasm of vertebral column	Y	C7A094	Malignant carcinoid tumor of the foregut, unspecified	N
C413	Malignant neoplasm of ribs, sternum and clavicle	Y	C7A095	Malignant carcinoid tumor of the midgut, unspecified	N
C4000	Malig neoplasm of scapula and long bones of unsp upper limb	Y	C7A096	Malignant carcinoid tumor of the hindgut, unspecified	N
C4010	Malignant neoplasm of short bones of unspecified upper limb	Y	Z510	Encounter for antineoplastic radiation therapy	N
C414	Malignant neoplasm of pelvic bones, sacrum and coccyx	Y	Z5111	Encounter for antineoplastic chemotherapy	N
C4020	Malignant neoplasm of long bones of unspecified lower limb	Y	Z5112	Encounter for antineoplastic immunotherapy	N
C4030	Malignant neoplasm of short bones of unspecified lower limb	Y	Z483	Aftercare following surgery for neoplasm	N
C419	Malignant neoplasm of bone and articular cartilage, unsp	Y	C009	Malignant neoplasm of lip, unspecified	N
C490	Malig neoplasm of conn and soft tissue of head, face and neck	N	C058	Malignant neoplasm of overlapping sites of palate	N
C4910	Malig neoplasm of conn & soft tiss of unsp upr limb, inc shldr	N	C0680	Malignant neoplasm of ovrlp sites of unsp parts of mouth	N
C4920	Malig neoplasm of conn and soft tiss of unsp low limb, inc hip	N	C098	Malignant neoplasm of overlapping sites of tonsil	N

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C493	Malignant neoplasm of connective and soft tissue of thorax	N	C212	Malignant neoplasm of cloacogenic zone	N
C494	Malignant neoplasm of connective and soft tissue of abdomen	N	C223	Angiosarcoma of liver	N
C49A0	Gastrointestinal stromal tumor, unspecified site	N	C224	Other sarcomas of liver	N
C49A1	Gastrointestinal stromal tumor of esophagus	N	C451	Mesothelioma of peritoneum	N
C49A2	Gastrointestinal stromal tumor of stomach	N	C3401	Malignant neoplasm of right main bronchus	N
C49A3	Gastrointestinal stromal tumor of small intestine	N	C3402	Malignant neoplasm of left main bronchus	N
C49A4	Gastrointestinal stromal tumor of large intestine	N	C3411	Malignant neoplasm of upper lobe, right bronchus or lung	N
C49A5	Gastrointestinal stromal tumor of rectum	N	C3412	Malignant neoplasm of upper lobe, left bronchus or lung	N
C49A9	Gastrointestinal stromal tumor of other sites	N	C3431	Malignant neoplasm of lower lobe, right bronchus or lung	N
C495	Malignant neoplasm of connective and soft tissue of pelvis	N	C3432	Malignant neoplasm of lower lobe, left bronchus or lung	N
C496	Malignant neoplasm of conn and soft tissue of trunk, unsp	N	C3481	Malignant neoplasm of overlap sites of right bronchus and lung	N
C478	Malignant neoplasm of overlap sites of peripheral and autonomic nervous system	N	C3482	Malignant neoplasm of overlap sites of left bronchus and lung	N
C498	Malignant neoplasm of overlap sites of connective and soft tissue	N	C3491	Malignant neoplasm of unspecified part of right bronchus or lung	N
C499	Malignant neoplasm of connective and soft tissue, unspecified	N	C3492	Malignant neoplasm of unspecified part of left bronchus or lung	N
C430	Malignant melanoma of lip	N	C450	Mesothelioma of pleura	N
D030	Melanoma in situ of lip	N	C452	Mesothelioma of pericardium	N
C4310	Malignant melanoma of unspecified eyelid, including canthus	N	C4001	Malignant neoplasm of scapula and long bones of right upper limb	Y
D0310	Melanoma in situ of unspecified eyelid, including canthus	N	C4002	Malignant neoplasm of scapula and long bones of left upper limb	Y
D0311	Melanoma in situ of right eyelid, including canthus	N	C4011	Malignant neoplasm of short bones of right upper limb	Y
D0312	Melanoma in situ of left eyelid, including canthus	N	C4012	Malignant neoplasm of short bones of left upper limb	Y
C4320	Malignant melanoma of unspecified ear and external auricular canal	N	C4021	Malignant neoplasm of long bones of right lower limb	Y
D0320	Melanoma in situ of unspecified ear and external auricular canal	N	C4022	Malignant neoplasm of long bones of left lower limb	Y
D0321	Melanoma in situ of right ear and external auricular canal	N	C4031	Malignant neoplasm of short bones of right lower limb	Y
D0322	Melanoma in situ of left ear and external auricular canal	N	C4032	Malignant neoplasm of short bones of left lower limb	Y
C4330	Malignant melanoma of unspecified part of face	N	C4080	Malignant neoplasm of overlap sites of bone/articular cartilage of unspecified limb	Y
C4331	Malignant melanoma of nose	N	C4081	Malignant neoplasm of overlap sites of bone/articular cartilage of right limb	Y
C4339	Malignant melanoma of other parts of face	N	C4082	Malignant neoplasm of overlap sites of bone/articular cartilage of left limb	Y

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
D0330	Melanoma in situ of unspecified part of face	N	C4090	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Y
D0339	Melanoma in situ of other parts of face	N	C4091	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Y
C434	Malignant melanoma of scalp and neck	N	C4092	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Y
D034	Melanoma in situ of scalp and neck	N	C470	Malignant neoplasm of peripheral nerves of head, face and neck	N
C4359	Malignant melanoma of other part of trunk	N	C4710	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	N
D0351	Melanoma in situ of anal skin	N	C4711	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	N
D0352	Melanoma in situ of breast (skin) (soft tissue)	N	C4712	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	N
D0359	Melanoma in situ of other part of trunk	N	C4911	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	N
C4360	Malignant melanoma of unspecified upper limb, including shoulder	N	C4912	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	N
D0360	Melanoma in situ of unspecified upper limb, including shoulder	N	C4720	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	N
D0361	Melanoma in situ of right upper limb, including shoulder	N	C4721	Malignant neoplasm of peripheral nerves of right lower limb, including hip	N
D0362	Melanoma in situ of left upper limb, including shoulder	N	C4722	Malignant neoplasm of peripheral nerves of left lower limb, including hip	N
C4370	Malignant melanoma of unspecified lower limb, including hip	N	C4921	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	N
D0370	Melanoma in situ of unspecified lower limb, including hip	N	C4922	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	N
D0371	Melanoma in situ of right lower limb, including hip	N	C473	Malignant neoplasm of peripheral nerves of thorax	N
D0372	Melanoma in situ of left lower limb, including hip	N	C474	Malignant neoplasm of peripheral nerves of abdomen	N
C438	Malignant melanoma of overlapping sites of skin	N	C475	Malignant neoplasm of peripheral nerves of pelvis	N
D038	Melanoma in situ of other sites	N	C476	Malignant neoplasm of peripheral nerves of trunk, unspecified	N
C439	Malignant melanoma of skin, unspecified	N	C479	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	N
D039	Melanoma in situ, unspecified	N	C4311	Malignant melanoma of right eyelid, including canthus	N
C50019	Malignant neoplasm of nipple and areola, unspecified female breast	N	C4312	Malignant melanoma of left eyelid, including canthus	N
C50119	Malignant neoplasm of central portion of unspecified female breast	N	C4321	Malignant melanoma of right ear and external auditory canal	N
C50219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	N	C4322	Malignant melanoma of left ear and external auditory canal	N
C50319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	N	C4351	Malignant melanoma of anal skin	N
C50419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	N	C4352	Malignant melanoma of skin of breast	N
C50519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	N	C4361	Malignant melanoma of right upper limb, including shoulder	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C50619	Malignant neoplasm of axillary tail of unsp female breast	N	C4362	Malignant melanoma of left upper limb, including shoulder	N
C50819	Malignant neoplasm of ovrlp sites of unsp female breast	N	C4371	Malignant melanoma of right lower limb, including hip	N
C50919	Malignant neoplasm of unsp site of unspecified female breast	N	C4372	Malignant melanoma of left lower limb, including hip	N
C50029	Malignant neoplasm of nipple and areola, unsp male breast	N	C50011	Malignant neoplasm of nipple and areola, right female breast	N
C50929	Malignant neoplasm of unsp site of unspecified male breast	N	C50012	Malignant neoplasm of nipple and areola, left female breast	N
C460	Kaposi's sarcoma of skin	N	C50111	Malignant neoplasm of central portion of right female breast	N
C461	Kaposi's sarcoma of soft tissue	N	C50112	Malignant neoplasm of central portion of left female breast	N
C462	Kaposi's sarcoma of palate	N	C50211	Malig neoplasm of upper-inner quadrant of right female breast	N
C464	Kaposi's sarcoma of gastrointestinal sites	N	C50212	Malig neoplasm of upper-inner quadrant of left female breast	N
C4650	Kaposi's sarcoma of unspecified lung	N	C50311	Malig neoplasm of lower-inner quadrant of right female breast	N
C463	Kaposi's sarcoma of lymph nodes	N	C50312	Malig neoplasm of lower-inner quadrant of left female breast	N
C467	Kaposi's sarcoma of other sites	N	C50411	Malig neoplasm of upper-outer quadrant of right female breast	N
C469	Kaposi's sarcoma, unspecified	N	C50412	Malig neoplasm of upper-outer quadrant of left female breast	N
C55	Malignant neoplasm of uterus, part unspecified	N	C50511	Malig neoplasm of lower-outer quadrant of right female breast	N
C530	Malignant neoplasm of endocervix	N	C50512	Malig neoplasm of lower-outer quadrant of left female breast	N
C531	Malignant neoplasm of exocervix	N	C50611	Malignant neoplasm of axillary tail of right female breast	N
C538	Malignant neoplasm of overlapping sites of cervix uteri	N	C50612	Malignant neoplasm of axillary tail of left female breast	N
C539	Malignant neoplasm of cervix uteri, unspecified	N	C50811	Malignant neoplasm of ovrlp sites of right female breast	N
C58	Malignant neoplasm of placenta	N	C50812	Malignant neoplasm of ovrlp sites of left female breast	N
C541	Malignant neoplasm of endometrium	N	C50911	Malignant neoplasm of unsp site of right female breast	N
C542	Malignant neoplasm of myometrium	N	C50912	Malignant neoplasm of unspecified site of left female breast	N
C543	Malignant neoplasm of fundus uteri	N	C50021	Malignant neoplasm of nipple and areola, right male breast	N
C549	Malignant neoplasm of corpus uteri, unspecified	N	C50022	Malignant neoplasm of nipple and areola, left male breast	N
C540	Malignant neoplasm of isthmus uteri	N	C50121	Malignant neoplasm of central portion of right male breast	N
C548	Malignant neoplasm of overlapping sites of corpus uteri	N	C50122	Malignant neoplasm of central portion of left male breast	N
C569	Malignant neoplasm of unspecified ovary	N	C50129	Malignant neoplasm of central portion of unsp male breast	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C5700	Malignant neoplasm of unspecified fallopian tube	N	C50221	Malig neoplasm of upper-inner quadrant of right male breast	N
C5710	Malignant neoplasm of unspecified broad ligament	N	C50222	Malig neoplasm of upper-inner quadrant of left male breast	N
C573	Malignant neoplasm of parametrium	N	C50229	Malig neoplasm of upper-inner quadrant of unsp male breast	N
C5720	Malignant neoplasm of unspecified round ligament	N	C50321	Malig neoplasm of lower-inner quadrant of right male breast	N
C574	Malignant neoplasm of uterine adnexa, unspecified	N	C50322	Malig neoplasm of lower-inner quadrant of left male breast	N
C52	Malignant neoplasm of vagina	N	C50329	Malig neoplasm of lower-inner quadrant of unsp male breast	N
C510	Malignant neoplasm of labium majus	N	C50421	Malig neoplasm of upper-outer quadrant of right male breast	N
C511	Malignant neoplasm of labium minus	N	C50422	Malig neoplasm of upper-outer quadrant of left male breast	N
C512	Malignant neoplasm of clitoris	N	C50429	Malig neoplasm of upper-outer quadrant of unsp male breast	N
C519	Malignant neoplasm of vulva, unspecified	N	C50521	Malig neoplasm of lower-outer quadrant of right male breast	N
C577	Malignant neoplasm of other specified female genital organs	N	C50522	Malig neoplasm of lower-outer quadrant of left male breast	N
C578	Malignant neoplasm of ovrlp sites of female genital organs	N	C50529	Malig neoplasm of lower-outer quadrant of unsp male breast	N
C579	Malignant neoplasm of female genital organ, unspecified	N	C50621	Malignant neoplasm of axillary tail of right male breast	N
C61	Malignant neoplasm of prostate	N	C50622	Malignant neoplasm of axillary tail of left male breast	N
C6200	Malignant neoplasm of unspecified undescended testis	N	C50629	Malignant neoplasm of axillary tail of unsp male breast	N
C6210	Malignant neoplasm of unspecified descended testis	N	C50821	Malignant neoplasm of overlapping sites of right male breast	N
C6290	Malig neoplasm of unsp testis, unsp descended or undescended	N	C50822	Malignant neoplasm of overlapping sites of left male breast	N
C600	Malignant neoplasm of prepuce	N	C50829	Malignant neoplasm of overlapping sites of unsp male breast	N
C601	Malignant neoplasm of glans penis	N	C50921	Malignant neoplasm of unspecified site of right male breast	N
C602	Malignant neoplasm of body of penis	N	C50922	Malignant neoplasm of unspecified site of left male breast	N
C609	Malignant neoplasm of penis, unspecified	N	C4651	Kaposi's sarcoma of right lung	N
C6300	Malignant neoplasm of unspecified epididymis	N	C4652	Kaposi's sarcoma of left lung	N
C6310	Malignant neoplasm of unspecified spermatic cord	N	C561	Malignant neoplasm of right ovary	N
C632	Malignant neoplasm of scrotum	N	C562	Malignant neoplasm of left ovary	N
C608	Malignant neoplasm of overlapping sites of penis	N	C5701	Malignant neoplasm of right fallopian tube	N
C637	Malignant neoplasm of other specified male genital organs	N	C5702	Malignant neoplasm of left fallopian tube	N
C638	Malignant neoplasm of ovrlp sites of male genital organs	N	C5711	Malignant neoplasm of right broad ligament	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C639	Malignant neoplasm of male genital organ, unspecified	N	C5712	Malignant neoplasm of left broad ligament	N
C670	Malignant neoplasm of trigone of bladder	N	C5721	Malignant neoplasm of right round ligament	N
C671	Malignant neoplasm of dome of bladder	N	C5722	Malignant neoplasm of left round ligament	N
C672	Malignant neoplasm of lateral wall of bladder	N	C518	Malignant neoplasm of overlapping sites of vulva	N
C673	Malignant neoplasm of anterior wall of bladder	N	C6201	Malignant neoplasm of undescended right testis	N
C674	Malignant neoplasm of posterior wall of bladder	N	C6202	Malignant neoplasm of undescended left testis	N
C675	Malignant neoplasm of bladder neck	N	C6211	Malignant neoplasm of descended right testis	N
C676	Malignant neoplasm of ureteric orifice	N	C6212	Malignant neoplasm of descended left testis	N
C677	Malignant neoplasm of urachus	N	C6291	Malig neoplasm of right testis, unsp descended or undescended	N
C678	Malignant neoplasm of overlapping sites of bladder	N	C6292	Malig neoplasm of left testis, unsp descended or undescended	N
C679	Malignant neoplasm of bladder, unspecified	N	C6301	Malignant neoplasm of right epididymis	N
C649	Malignant neoplasm of unsp kidney, except renal pelvis	N	C6302	Malignant neoplasm of left epididymis	N
C659	Malignant neoplasm of unspecified renal pelvis	N	C6311	Malignant neoplasm of right spermatic cord	N
C669	Malignant neoplasm of unspecified ureter	N	C6312	Malignant neoplasm of left spermatic cord	N
C680	Malignant neoplasm of urethra	N	C641	Malignant neoplasm of right kidney, except renal pelvis	N
C681	Malignant neoplasm of paraurethral glands	N	C642	Malignant neoplasm of left kidney, except renal pelvis	N
C688	Malignant neoplasm of overlapping sites of urinary organs	N	C651	Malignant neoplasm of right renal pelvis	N
C689	Malignant neoplasm of urinary organ, unspecified	N	C652	Malignant neoplasm of left renal pelvis	N
C6940	Malignant neoplasm of unspecified ciliary body	N	C661	Malignant neoplasm of right ureter	N
C6960	Malignant neoplasm of unspecified orbit	N	C662	Malignant neoplasm of left ureter	N
C6950	Malignant neoplasm of unspecified lacrimal gland and duct	N	C6941	Malignant neoplasm of right ciliary body	N
C6900	Malignant neoplasm of unspecified conjunctiva	N	C6942	Malignant neoplasm of left ciliary body	N
C6910	Malignant neoplasm of unspecified cornea	N	C6961	Malignant neoplasm of right orbit	N
C6920	Malignant neoplasm of unspecified retina	N	C6962	Malignant neoplasm of left orbit	N
C6930	Malignant neoplasm of unspecified choroid	N	C6951	Malignant neoplasm of right lacrimal gland and duct	N
C6980	Malignant neoplasm of ovrlp sites of unsp eye and adnexa	N	C6952	Malignant neoplasm of left lacrimal gland and duct	N
C6990	Malignant neoplasm of unspecified site of unspecified eye	N	C6901	Malignant neoplasm of right conjunctiva	N
C710	Malignant neoplasm of cerebrum, except lobes and ventricles	N	C6902	Malignant neoplasm of left conjunctiva	N
C711	Malignant neoplasm of frontal lobe	N	C6911	Malignant neoplasm of right cornea	N
C712	Malignant neoplasm of temporal lobe	N	C6912	Malignant neoplasm of left cornea	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C713	Malignant neoplasm of parietal lobe	N	C6921	Malignant neoplasm of right retina	N
C714	Malignant neoplasm of occipital lobe	N	C6922	Malignant neoplasm of left retina	N
C715	Malignant neoplasm of cerebral ventricle	N	C6931	Malignant neoplasm of right choroid	N
C716	Malignant neoplasm of cerebellum	N	C6932	Malignant neoplasm of left choroid	N
C717	Malignant neoplasm of brain stem	N	C6981	Malignant neoplasm of ovrtp sites of right eye and adnexa	N
C718	Malignant neoplasm of overlapping sites of brain	N	C6982	Malignant neoplasm of ovrtp sites of left eye and adnexa	N
C719	Malignant neoplasm of brain, unspecified	N	C6991	Malignant neoplasm of unspecified site of right eye	N
C7250	Malignant neoplasm of unspecified cranial nerve	N	C6992	Malignant neoplasm of unspecified site of left eye	N
C700	Malignant neoplasm of cerebral meninges	N	C7220	Malignant neoplasm of unspecified olfactory nerve	N
C709	Malignant neoplasm of meninges, unspecified	N	C7221	Malignant neoplasm of right olfactory nerve	N
C720	Malignant neoplasm of spinal cord	N	C7222	Malignant neoplasm of left olfactory nerve	N
C721	Malignant neoplasm of cauda equina	N	C7230	Malignant neoplasm of unspecified optic nerve	N
C701	Malignant neoplasm of spinal meninges	N	C7231	Malignant neoplasm of right optic nerve	N
C729	Malignant neoplasm of central nervous system, unspecified	N	C7232	Malignant neoplasm of left optic nerve	N
C73	Malignant neoplasm of thyroid gland	N	C7240	Malignant neoplasm of unspecified acoustic nerve	N
C7490	Malignant neoplasm of unsp part of unspecified adrenal gland	N	C7241	Malignant neoplasm of right acoustic nerve	N
C750	Malignant neoplasm of parathyroid gland	N	C7242	Malignant neoplasm of left acoustic nerve	N
C751	Malignant neoplasm of pituitary gland	N	C7259	Malignant neoplasm of other cranial nerves	N
C752	Malignant neoplasm of craniopharyngeal duct	N	C7400	Malignant neoplasm of cortex of unspecified adrenal gland	N
C753	Malignant neoplasm of pineal gland	N	C7401	Malignant neoplasm of cortex of right adrenal gland	N
C754	Malignant neoplasm of carotid body	N	C7402	Malignant neoplasm of cortex of left adrenal gland	N
C755	Malignant neoplasm of aortic body and other paraganglia	N	C7410	Malignant neoplasm of medulla of unspecified adrenal gland	N
C758	Malignant neoplasm with pluriglandular involvement, unsp	N	C7411	Malignant neoplasm of medulla of right adrenal gland	N
C759	Malignant neoplasm of endocrine gland, unspecified	N	C7412	Malignant neoplasm of medulla of left adrenal gland	N
C760	Malignant neoplasm of head, face and neck	N	C7491	Malignant neoplasm of unsp part of right adrenal gland	N
C761	Malignant neoplasm of thorax	N	C7492	Malignant neoplasm of unspecified part of left adrenal gland	N
C762	Malignant neoplasm of abdomen	N	C7641	Malignant neoplasm of right upper limb	N
C763	Malignant neoplasm of pelvis	N	C7642	Malignant neoplasm of left upper limb	N
C7640	Malignant neoplasm of unspecified upper limb	N	C7651	Malignant neoplasm of right lower limb	N
C7650	Malignant neoplasm of unspecified lower limb	N	C7652	Malignant neoplasm of left lower limb	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C768	Malignant neoplasm of other specified ill-defined sites	N	C457	Mesothelioma of other sites	N
C770	Sec and unsp malig neoplasm of nodes of head, face and neck	Y	C7801	Secondary malignant neoplasm of right lung	Y
C771	Secondary and unsp malignant neoplasm of intrathorac nodes	Y	C7802	Secondary malignant neoplasm of left lung	Y
C772	Secondary and unsp malignant neoplasm of intra-abd nodes	Y	C7830	Secondary malignant neoplasm of unsp respiratory organ	Y
C773	Sec and unsp malig neoplasm of axilla and upper limb nodes	Y	C7880	Secondary malignant neoplasm of unspecified digestive organ	Y
C774	Sec and unsp malig neoplasm of inguinal and lower limb nodes	Y	C7901	Secondary malignant neoplasm of r kidney and renal pelvis	Y
C775	Secondary and unsp malignant neoplasm of intrapelv nodes	Y	C7902	Secondary malignant neoplasm of left kidney and renal pelvis	Y
C778	Sec and unsp malig neoplasm of nodes of multiple regions	Y	C7910	Secondary malignant neoplasm of unspecified urinary organs	Y
C779	Secondary and unsp malignant neoplasm of lymph node, unsp	Y	C7940	Secondary malignant neoplasm of unsp part of nervous system	Y
C7800	Secondary malignant neoplasm of unspecified lung	Y	C7961	Secondary malignant neoplasm of right ovary	Y
C781	Secondary malignant neoplasm of mediastinum	Y	C7962	Secondary malignant neoplasm of left ovary	Y
C782	Secondary malignant neoplasm of pleura	Y	C7971	Secondary malignant neoplasm of right adrenal gland	Y
C7839	Secondary malignant neoplasm of other respiratory organs	Y	C7972	Secondary malignant neoplasm of left adrenal gland	Y
C784	Secondary malignant neoplasm of small intestine	Y	C799	Secondary malignant neoplasm of unspecified site	Y
C785	Secondary malignant neoplasm of large intestine and rectum	Y	C459	Mesothelioma, unspecified	N
C786	Secondary malignant neoplasm of retroperiton and peritoneum	Y	C884	Extrnod mrgnl zn B-cell lymph of mucosa-assoc lymphoid tiss	N
C787	Secondary malig neoplasm of liver and intrahepatic bile duct	Y	C8520	Mediastinal (thymic) large B-cell lymphoma, unspecified site	N
C7889	Secondary malignant neoplasm of other digestive organs	Y	C8529	Mediastnl large B-cell lymph, extrnod and solid organ sites	N
C7900	Secondary malignant neoplasm of unsp kidney and renal pelvis	Y	C8521	Mediastnl large B-cell lymph, nodes of head, face, and neck	N
C7911	Secondary malignant neoplasm of bladder	Y	C8522	Mediastnl (thymic) large B-cell lymphoma, intrathorac nodes	N
C7919	Secondary malignant neoplasm of other urinary organs	Y	C8523	Mediastinal (thymic) large B-cell lymphoma, intra-abd nodes	N
C792	Secondary malignant neoplasm of skin	Y	C8524	Mediastnl large B-cell lymph, nodes of axilla and upper limb	N
C7931	Secondary malignant neoplasm of brain	Y	C8525	Mediastnl lg B-cell lymph, nodes of ing rgn and lower limb	N
C7932	Secondary malignant neoplasm of cerebral meninges	Y	C8526	Mediastinal (thymic) large B-cell lymphoma, intrapelv nodes	N
C7949	Secondary malignant neoplasm of oth parts of nervous system	Y	C8527	Mediastinal (thymic) large B-cell lymphoma, spleen	N
C7951	Secondary malignant neoplasm of bone	Y	C8528	Mediastinal (thymic) large B-cell lymphoma, nodes mult site	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C7952	Secondary malignant neoplasm of bone marrow	Y	C8300	Small cell B-cell lymphoma, unspecified site	N
C7960	Secondary malignant neoplasm of unspecified ovary	Y	C8309	Small cell B-cell lymphoma, extranodal and solid organ sites	N
C7970	Secondary malignant neoplasm of unspecified adrenal gland	Y	C8390	Non-follicular (diffuse) lymphoma, unsp, unspecified site	N
C7981	Secondary malignant neoplasm of breast	Y	C8399	Non-follic lymphoma, unsp, extrnod and solid organ sites	N
C7982	Secondary malignant neoplasm of genital organs	Y	C865	Angioimmunoblastic T-cell lymphoma	N
C7989	Secondary malignant neoplasm of other specified sites	Y	C866	Primary cutaneous CD30-positive T-cell proliferations	N
C800	Disseminated malignant neoplasm, unspecified	N	C8301	Small cell B-cell lymphoma, nodes of head, face, and neck	N
C801	Malignant (primary) neoplasm, unspecified	N	C8391	Non-follic lymphoma, unsp, nodes of head, face, and neck	N
C802	Malignant neoplasm associated with transplanted organ	N	C8302	Small cell B-cell lymphoma, intrathoracic lymph nodes	N
C8330	Diffuse large B-cell lymphoma, unspecified site	N	C8392	Non-follic (diffuse) lymphoma, unsp, intrathoracic lymph nodes	N
C8339	Diffuse large B-cell lymphoma, extrnod and solid organ sites	N	C8303	Small cell B-cell lymphoma, intra-abdominal lymph nodes	N
C8331	Diffuse large B-cell lymphoma, nodes of head, face, and neck	N	C8393	Non-follic (diffuse) lymphoma, unsp, intra-abd lymph nodes	N
C8332	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	N	C8304	Small cell B-cell lymphoma, nodes of axilla and upper limb	N
C8333	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	N	C8394	Non-follic lymphoma, unsp, nodes of axilla and upper limb	N
C8334	Diffuse large B-cell lymph, nodes of axilla and upper limb	N	C8305	Small cell B-cell lymph, nodes of ing region and lower limb	N
C8335	Diffus large B-cell lymph, nodes of ing rgn and lower limb	N	C8395	Non-follic lymph, unsp, nodes of ing region and lower limb	N
C8336	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	N	C8306	Small cell B-cell lymphoma, intrapelvic lymph nodes	N
C8337	Diffuse large B-cell lymphoma, spleen	N	C8396	Non-follic (diffuse) lymphoma, unsp, intrapelvic lymph nodes	N
C8338	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	N	C8307	Small cell B-cell lymphoma, spleen	N
C8350	Lymphoblastic (diffuse) lymphoma, unspecified site	N	C8397	Non-follicular (diffuse) lymphoma, unspecified, spleen	N
C8359	Lymphoblastic lymphoma, extrnod and solid organ sites	N	C8308	Small cell B-cell lymphoma, lymph nodes of multiple sites	N
C8351	Lymphoblastic lymphoma, nodes of head, face, and neck	N	C8398	Non-follic (diffuse) lymphoma, unsp, lymph nodes mult site	N
C8352	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	N	C8200	Follicular lymphoma grade I, unspecified site	N
C8353	Lymphoblastic (diffuse) lymphoma, intra-abd lymph nodes	N	C8209	Follicular lymphoma grade I, extrnod and solid organ sites	N
C8354	Lymphoblastic lymphoma, nodes of axilla and upper limb	N	C8210	Follicular lymphoma grade II, unspecified site	N
C8355	Lymphoblastic lymphoma, nodes of ing region and lower limb	N	C8219	Follicular lymphoma grade II, extrnod and solid organ sites	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C8356	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	N	C8220	Follicular lymphoma grade III, unspecified, unspecified site	N
C8357	Lymphoblastic (diffuse) lymphoma, spleen	N	C8229	Follicular lymph grade III, unsp, extrnod and solid org sites	N
C8358	Lymphoblastic (diffuse) lymphoma, lymph nodes mult site	N	C8230	Follicular lymphoma grade IIIa, unspecified site	N
C8370	Burkitt lymphoma, unspecified site	N	C8239	Follicular lymphoma grade IIIa, extrnod and solid organ sites	N
C8379	Burkitt lymphoma, extranodal and solid organ sites	N	C8240	Follicular lymphoma grade IIIb, unspecified site	N
C8371	Burkitt lymphoma, lymph nodes of head, face, and neck	N	C8249	Follicular lymphoma grade IIIb, extrnod and solid organ sites	N
C8372	Burkitt lymphoma, intrathoracic lymph nodes	N	C8260	Cutaneous follicle center lymphoma, unspecified site	N
C8373	Burkitt lymphoma, intra-abdominal lymph nodes	N	C8269	Cutaneous follicle center lymphoma, extrnod and solid organ sites	N
C8374	Burkitt lymphoma, lymph nodes of axilla and upper limb	N	C8280	Other types of follicular lymphoma, unspecified site	N
C8375	Burkitt lymphoma, nodes of inguinal region and lower limb	N	C8289	Other types of follicular lymph, extrnod and solid organ sites	N
C8376	Burkitt lymphoma, intrapelvic lymph nodes	N	C8201	Follicular lymphoma grade I, nodes of head, face, and neck	N
C8377	Burkitt lymphoma, spleen	N	C8211	Follicular lymphoma grade II, nodes of head, face, and neck	N
C8378	Burkitt lymphoma, lymph nodes of multiple sites	N	C8221	Follicular lymph grade III, unsp, nodes of head, face, and neck	N
C8380	Other non-follicular lymphoma, unspecified site	N	C8231	Follicular lymphoma grade IIIa, nodes of head, face, and neck	N
C8389	Other non-follicular lymphoma, extranodal and solid organ sites	N	C8241	Follicular lymphoma grade IIIb, nodes of head, face, and neck	N
C8381	Other non-follicular lymphoma, lymph nodes of head, face, and neck	N	C8261	Cutaneous follicle center lymphoma, nodes of head, face, and neck	N
C8382	Other non-follicular lymphoma, intrathoracic lymph nodes	N	C8281	Other types of follicular lymph, nodes of head, face, and neck	N
C8383	Other non-follicular lymphoma, intra-abdominal lymph nodes	N	C8202	Follicular lymphoma grade I, intrathoracic lymph nodes	N
C8384	Other non-follicular lymphoma, nodes of axilla and upper limb	N	C8212	Follicular lymphoma grade II, intrathoracic lymph nodes	N
C8385	Other non-follicular lymphoma, nodes of inguinal region and lower limb	N	C8222	Follicular lymphoma grade III, unsp, intrathoracic lymph nodes	N
C8386	Other non-follicular lymphoma, intrapelvic lymph nodes	N	C8232	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	N
C8387	Other non-follicular lymphoma, spleen	N	C8242	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	N
C8388	Other non-follicular lymphoma, lymph nodes of multiple sites	N	C8262	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	N
C8310	Mantle cell lymphoma, unspecified site	N	C8282	Other types of follicular lymphoma, intrathoracic lymph nodes	N
C8319	Mantle cell lymphoma, extranodal and solid organ sites	N	C8203	Follicular lymphoma grade I, intra-abdominal lymph nodes	N
C8311	Mantle cell lymphoma, lymph nodes of head, face, and neck	N	C8213	Follicular lymphoma grade II, intra-abdominal lymph nodes	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C8312	Mantle cell lymphoma, intrathoracic lymph nodes	N	C8223	Follicular lymphoma grade III, unsp, intra-abd lymph nodes	N
C8313	Mantle cell lymphoma, intra-abdominal lymph nodes	N	C8233	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	N
C8314	Mantle cell lymphoma, lymph nodes of axilla and upper limb	N	C8243	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	N
C8315	Mantle cell lymphoma, nodes of ing region and lower limb	N	C8263	Cutaneous follicle center lymphoma, intra-abd lymph nodes	N
C8316	Mantle cell lymphoma, intrapelvic lymph nodes	N	C8283	Oth types of follicular lymphoma, intra-abd lymph nodes	N
C8317	Mantle cell lymphoma, spleen	N	C8204	Follicular lymphoma grade I, nodes of axilla and upper limb	N
C8318	Mantle cell lymphoma, lymph nodes of multiple sites	N	C8214	Follicular lymphoma grade II, nodes of axilla and upper limb	N
C8460	Anaplastic large cell lymphoma, ALK-positive, unsp site	N	C8224	Follicular lymphoma grade III, unsp, nodes of axilla and upper limb	N
C8469	Anaplastic Ig cell lymph, ALK-pos, extrnod and solid org sites	N	C8234	Follicular lymphoma grade IIIa, nodes of axilla and upper limb	N
C8470	Anaplastic large cell lymphoma, ALK-negative, unsp site	N	C8244	Follicular lymphoma grade IIIb, nodes of axilla and upper limb	N
C8479	Anaplastic Ig cell lymph, ALK-neg, extrnod and solid org sites	N	C8264	Cutaneous follicle center lymphoma, nodes of axilla and upper limb	N
C8461	Anaplastic Ig cell lymph, ALK-pos, nodes of head, face, and nk	N	C8284	Oth types of follicular lymph, nodes of axilla and upper limb	N
C8471	Anaplastic Ig cell lymph, ALK-neg, nodes of head, face, and nk	N	C8205	Follicular lymphoma grade I, nodes of ing region and lower limb	N
C8462	Anaplastic large cell lymphoma, ALK-pos, intrathoracic nodes	N	C8215	Follicular lymphoma grade II, nodes of ing region and lower limb	N
C8472	Anaplastic large cell lymphoma, ALK-neg, intrathoracic nodes	N	C8225	Follicular lymphoma grade III, unsp, nodes of ing region and lower limb	N
C8463	Anaplastic large cell lymphoma, ALK-pos, intra-abd nodes	N	C8235	Follicular lymphoma grade IIIa, nodes of ing region and lower limb	N
C8473	Anaplastic large cell lymphoma, ALK-neg, intra-abd nodes	N	C8245	Follicular lymphoma grade IIIb, nodes of ing region and lower limb	N
C8464	Anaplastic Ig cell lymph, ALK-pos, nodes of axilla and upper limb	N	C8265	Cutaneous follicle center lymph, nodes of ing region and lower limb	N
C8474	Anaplastic Ig cell lymph, ALK-neg, nodes of axilla and upper limb	N	C8285	Oth types of follicular lymph, nodes of ing region and lower limb	N
C8465	Anaplastic Ig cell lymph, ALK-pos, nodes of ing region & lower limb	N	C8206	Follicular lymphoma grade I, intrapelvic lymph nodes	N
C8475	Anaplastic Ig cell lymph, ALK-neg, nodes of ing region & lower limb	N	C8216	Follicular lymphoma grade II, intrapelvic lymph nodes	N
C8466	Anaplastic large cell lymphoma, ALK-pos, intrapelvic nodes	N	C8226	Follicular lymphoma grade III, unsp, intrapelvic lymph nodes	N
C8476	Anaplastic large cell lymphoma, ALK-neg, intrapelvic nodes	N	C8236	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	N
C8467	Anaplastic large cell lymphoma, ALK-positive, spleen	N	C8246	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	N
C8477	Anaplastic large cell lymphoma, ALK-negative, spleen	N	C8266	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	N
C8468	Anaplastic large cell lymphoma, ALK-pos, nodes mult site	N	C8286	Other types of follicular lymphoma, intrapelvic lymph nodes	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/BONE?
C8478	Anaplastic large cell lymphoma, ALK-neg, nodes mult site	N	C8207	Follicular lymphoma grade I, spleen	N
C8170	Other Hodgkin lymphoma, unspecified site	N	C8217	Follicular lymphoma grade II, spleen	N
C8179	Other Hodgkin lymphoma, extranodal and solid organ sites	N	C8227	Follicular lymphoma grade III, unspecified, spleen	N
C8171	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	N	C8237	Follicular lymphoma grade IIIa, spleen	N
C8172	Other Hodgkin lymphoma, intrathoracic lymph nodes	N	C8247	Follicular lymphoma grade IIIb, spleen	N
C8173	Other Hodgkin lymphoma, intra-abdominal lymph nodes	N	C8267	Cutaneous follicle center lymphoma, spleen	N
C8174	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	N	C8287	Other types of follicular lymphoma, spleen	N
C8175	Other Hodgkin lymphoma, nodes of ing region and lower limb	N	C8208	Follicular lymphoma grade I, lymph nodes of multiple sites	N
C8176	Other Hodgkin lymphoma, intrapelvic lymph nodes	N	C8218	Follicular lymphoma grade II, lymph nodes of multiple sites	N
C8177	Other Hodgkin lymphoma, spleen	N	C8228	Follicular lymphoma grade III, unsp, lymph nodes mult site	N
C8178	Other Hodgkin lymphoma, lymph nodes of multiple sites	N	C8238	Follicular lymphoma grade IIIa, lymph nodes mult site	N
C8100	Nodular lymphocyte predominant Hodgkin lymphoma, unsp site	N	C8248	Follicular lymphoma grade IIIb, lymph nodes mult site	N
C8109	Nodlr lymphocy predom Hdgkn lymph, extrnod & solid org site	N	C8268	Cutaneous follicle center lymphoma, lymph nodes mult site	N
C8140	Lymphocyte-rich Hodgkin lymphoma, unspecified site	N	C8288	Oth types of follicular lymphoma, lymph nodes mult site	N
C8149	Lymp-rich Hodgkin lymphoma, extranodal and solid organ sites	N	C9142	Hairy cell leukemia, in relapse	N
C8101	Nodlr lymphocy predom Hdgkn lymph, nodes of head, face, & nk	N	C8250	Diffuse follicle center lymphoma, unspecified site	N
C8141	Lymp-rich Hodgkin lymphoma, nodes of head, face, and neck	N	C8259	Diffuse folicl center lymph, extrnod and solid organ sites	N
C8102	Nodular lymphocy predom Hodgkin lymphoma, intrathorac nodes	N	C8490	Mature T/NK-cell lymphomas, unspecified, unspecified site	N
C8142	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	N	C8499	Mature T/NK-cell lymph, unsp, extrnod and solid organ sites	N
C8103	Nodular lymphocyte predom Hodgkin lymphoma, intra-abd nodes	N	C84A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	N
C8143	Lymphocyte-rich Hodgkin lymphoma, intra-abd lymph nodes	N	C84A9	Cutan T-cell lymphoma, unsp, extrnod and solid organ sites	N
C8104	Nodlr lymphocy predom Hdgkn lymph, nodes of axla and upr lmb	N	C84Z0	Other mature T/NK-cell lymphomas, unspecified site	N
C8144	Lymp-rich Hodgkin lymphoma, nodes of axilla and upper limb	N	C84Z9	Oth mature T/NK-cell lymph, extrnod and solid organ sites	N
C8105	Nodlr lymphocy predom Hdgkn lymph,nodes of ing rgn & low lmb	N	C8510	Unspecified B-cell lymphoma, unspecified site	N
C8145	Lymp-rich Hodgkin lymph, nodes of ing region and lower limb	N	C8519	Unsp B-cell lymphoma, extranodal and solid organ sites	N
C8106	Nodular lymphocyte predom Hodgkin lymphoma, intrapelv nodes	N	C8590	Non-Hodgkin lymphoma, unspecified, unspecified site	N
C8146	Lymphocyte-rich Hodgkin lymphoma,	N	C8599	Non-Hodgkin lymphoma, unsp, extranodal	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
	intrapelvic lymph nodes			and solid organ sites	
C8107	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	N	C864	Blastic NK-cell lymphoma	N
C8147	Lymphocyte-rich Hodgkin lymphoma, spleen	N	C8251	Diffuse follicle center lymph, nodes of head, face, and neck	N
C8108	Nodular lymphocyte predom Hodgkin lymphoma, nodes mult site	N	C8491	Mature T/NK-cell lymph, unsp, nodes of head, face, and neck	N
C8148	Lymphocyte-rich Hodgkin lymphoma, lymph nodes mult site	N	C84A1	Cutaneous T-cell lymphoma, unsp nodes of head, face, and neck	N
C8110	Nodular sclerosis Hodgkin lymphoma, unspecified site	N	C84Z1	Other mature T/NK-cell lymph, nodes of head, face, and neck	N
C8119	Nodular scler Hodgkin lymph, extrnod and solid organ sites	N	C8511	Unsp B-cell lymphoma, lymph nodes of head, face, and neck	N
C8111	Nodular scler Hodgkin lymph, nodes of head, face, and neck	N	C8591	Non-Hodgkin lymphoma, unsp, nodes of head, face, and neck	N
C8112	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	N	C860	Extranodal NK/T-cell lymphoma, nasal type	N
C8113	Nodular sclerosis Hodgkin lymphoma, intra-abd lymph nodes	N	C8252	Diffuse follicle center lymphoma, intrathoracic lymph nodes	N
C8114	Nodular scler Hodgkin lymph, nodes of axilla and upper limb	N	C8492	Mature T/NK-cell lymphomas, unsp, intrathoracic lymph nodes	N
C8115	Nodular scler Hdgkn lymph, nodes of inguinal region and lower limb	N	C84A2	Cutaneous T-cell lymphoma, unsp, intrathoracic lymph nodes	N
C8116	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	N	C84Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	N
C8117	Nodular sclerosis Hodgkin lymphoma, spleen	N	C8512	Unspecified B-cell lymphoma, intrathoracic lymph nodes	N
C8118	Nodular sclerosis Hodgkin lymphoma, lymph nodes mult site	N	C8592	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	N
C8120	Mixed cellularity Hodgkin lymphoma, unspecified site	N	C8253	Diffuse follicle center lymphoma, intra-abd lymph nodes	N
C8129	Mixed cellular Hodgkin lymph, extrnod and solid organ sites	N	C84A3	Cutaneous T-cell lymphoma, unsp, intra-abdominal lymph nodes	N
C8121	Mixed cellular Hodgkin lymph, nodes of head, face, and neck	N	C84Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	N
C8122	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	N	C8513	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	N
C8123	Mixed cellularity Hodgkin lymphoma, intra-abd lymph nodes	N	C8593	Non-Hodgkin lymphoma, unsp, intra-abdominal lymph nodes	N
C8124	Mixed cellular Hodgkin lymph, nodes of axilla and upper limb	N	C862	Enteropathy-type (intestinal) T-cell lymphoma	N
C8125	Mixed cellular Hdgkn lymph, nodes of inguinal region and lower limb	N	C863	Subcutaneous panniculitis-like T-cell lymphoma	N
C8126	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	N	C8254	Diffuse follicle center lymph, nodes of axilla and upper limb	N
C8127	Mixed cellularity Hodgkin lymphoma, spleen	N	C8494	Mature T/NK-cell lymph, unsp, nodes of axilla and upper limb	N
C8128	Mixed cellularity Hodgkin lymphoma, lymph nodes mult site	N	C84A4	Cutaneous T-cell lymphoma, unsp, nodes of axilla and upper limb	N
C8130	Lymphocyte depleted Hodgkin lymphoma, unspecified site	N	C84Z4	Other mature T/NK-cell lymph, nodes of axilla and upper limb	N
C8139	Lymphocyte depleted Hodgkin lymph, extrnod	N	C8514	Unsp B-cell lymphoma, lymph nodes of	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
	and solid organ sites			axilla and upper limb	
C8131	Lymphocy deplet Hodgkin lymph, nodes of head, face, and neck	N	C8594	Non-Hodgkin lymphoma, unsp, nodes of axilla and upper limb	N
C8132	Lymphocyte depleted Hodgkin lymphoma, intrathorac nodes	N	C8255	Diffus folicl cntr lymph, nodes of ing region and lower limb	N
C8133	Lymphocyte depleted Hodgkin lymphoma, intra-abd lymph nodes	N	C8495	Mature T/NK-cell lymph, unsp, nodes of ing rgn and low limb	N
C8134	Lymphocy deplet Hdgkn lymph, nodes of axilla and upper limb	N	C84A5	Cutan T-cell lymph, unsp, nodes of ing region and lower limb	N
C8135	Lymphocy deplet Hdgkn lymph, nodes of ing rgn and lower limb	N	C84Z5	Oth mature T/NK-cell lymph, nodes of ing rgn and lower limb	N
C8136	Lymphocyte depleted Hodgkin lymphoma, intrapelv lymph nodes	N	C8515	Unsp B-cell lymphoma, nodes of ing region and lower limb	N
C8137	Lymphocyte depleted Hodgkin lymphoma, spleen	N	C8595	Non-hodg lymphoma, unsp, nodes of ing region and lower limb	N
C8138	Lymphocyte depleted Hodgkin lymphoma, lymph nodes mult site	N	C8256	Diffuse follicle center lymphoma, intrapelvic lymph nodes	N
C8190	Hodgkin lymphoma, unspecified, unspecified site	N	C8496	Mature T/NK-cell lymphomas, unsp, intrapelvic lymph nodes	N
C8199	Hodgkin lymphoma, unsp, extranodal and solid organ sites	N	C84A6	Cutaneous T-cell lymphoma, unsp, intrapelvic lymph nodes	N
C8191	Hodgkin lymphoma, unsp, lymph nodes of head, face, and neck	N	C84Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	N
C8192	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	N	C8516	Unspecified B-cell lymphoma, intrapelvic lymph nodes	N
C8193	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	N	C8596	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	N
C8194	Hodgkin lymphoma, unsp, lymph nodes of axilla and upper limb	N	C8257	Diffuse follicle center lymphoma, spleen	N
C8195	Hodgkin lymphoma, unsp, nodes of ing region and lower limb	N	C8497	Mature T/NK-cell lymphomas, unspecified, spleen	N
C8196	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	N	C84A7	Cutaneous T-cell lymphoma, unspecified, spleen	N
C8197	Hodgkin lymphoma, unspecified, spleen	N	C84Z7	Other mature T/NK-cell lymphomas, spleen	N
C8198	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	N	C8517	Unspecified B-cell lymphoma, spleen	N
C8290	Follicular lymphoma, unspecified, unspecified site	N	C8597	Non-Hodgkin lymphoma, unspecified, spleen	N
C8299	Follicular lymphoma, unsp, extranodal and solid organ sites	N	C861	Hepatosplenic T-cell lymphoma	N
C8291	Follicular lymphoma, unsp, nodes of head, face, and neck	N	C8258	Diffuse follicle center lymphoma, lymph nodes mult site	N
C8292	Follicular lymphoma, unspecified, intrathoracic lymph nodes	N	C8498	Mature T/NK-cell lymphomas, unsp, lymph nodes mult site	N
C8293	Follicular lymphoma, unsp, intra-abdominal lymph nodes	N	C84A8	Cutaneous T-cell lymphoma, unsp, lymph nodes mult site	N
C8294	Follicular lymphoma, unsp, nodes of axilla and upper limb	N	C84Z8	Oth mature T/NK-cell lymphomas, lymph nodes mult site	N
C8295	Folliclar lymphoma, unsp, nodes of ing region and lower limb	N	C8518	Unspecified B-cell lymphoma, lymph nodes of multiple sites	N
C8296	Follicular lymphoma, unspecified, intrapelvic lymph nodes	N	C8598	Non-Hodgkin lymphoma, unsp, lymph nodes of multiple sites	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C8297	Follicular lymphoma, unspecified, spleen	N	C882	Heavy chain disease	N
C8298	Follicular lymphoma, unsp, lymph nodes of multiple sites	N	C883	Immunoproliferative small intestinal disease	N
C8400	Mycosis fungoides, unspecified site	N	C889	Malignant immunoproliferative disease, unspecified	N
C8409	Mycosis fungoides, extranodal and solid organ sites	N	C9130	Prolymphocytic leukemia of B-cell type not achieve remission	N
C8401	Mycosis fungoides, lymph nodes of head, face, and neck	N	C9150	Adult T-cell lymph/leuk (HTLV-1-assoc) not achieve remission	N
C8402	Mycosis fungoides, intrathoracic lymph nodes	N	C9160	Prolymphocytic leukemia of T-cell type not achieve remission	N
C8403	Mycosis fungoides, intra-abdominal lymph nodes	N	C91A0	Mature B-cell leukemia Burkitt-type not achieve remission	N
C8404	Mycosis fungoides, lymph nodes of axilla and upper limb	N	C9131	Prolymphocytic leukemia of B-cell type, in remission	N
C8405	Mycosis fungoides, nodes of inguinal region and lower limb	N	C9151	Adult T-cell lymphoma/leukemia (HTLV-1-assoc), in remission	N
C8406	Mycosis fungoides, intrapelvic lymph nodes	N	C9161	Prolymphocytic leukemia of T-cell type, in remission	N
C8407	Mycosis fungoides, spleen	N	C91A1	Mature B-cell leukemia Burkitt-type, in remission	N
C8408	Mycosis fungoides, lymph nodes of multiple sites	N	C9132	Prolymphocytic leukemia of B-cell type, in relapse	N
C8410	Sezary disease, unspecified site	N	C9152	Adult T-cell lymphoma/leukemia (HTLV-1-assoc), in relapse	N
C8419	Sezary disease, extranodal and solid organ sites	N	C9162	Prolymphocytic leukemia of T-cell type, in relapse	N
C8411	Sezary disease, lymph nodes of head, face, and neck	N	C91A2	Mature B-cell leukemia Burkitt-type, in relapse	N
C8412	Sezary disease, intrathoracic lymph nodes	N	C9260	Acute myeloid leukemia w 11q23-abnormality not achieve remis	N
C8413	Sezary disease, intra-abdominal lymph nodes	N	C92A0	Acute myeloid leuk w multiline dysplasia, not achieve remis	N
C8414	Sezary disease, lymph nodes of axilla and upper limb	N	C9261	Acute myeloid leukemia with 11q23-abnormality in remission	N
C8415	Sezary disease, nodes of inguinal region and lower limb	N	C92A1	Acute myeloid leukemia w multiline dysplasia, in remission	N
C8416	Sezary disease, intrapelvic lymph nodes	N	C9262	Acute myeloid leukemia with 11q23-abnormality in relapse	N
C8417	Sezary disease, spleen	N	C92A2	Acute myeloid leukemia w multilineage dysplasia, in relapse	N
C8418	Sezary disease, lymph nodes of multiple sites	N	C9330	Juvenile myelomonocytic leukemia, not achieve remission	N
C96A	Histiocytic sarcoma	N	C9331	Juvenile myelomonocytic leukemia, in remission	N
C9140	Hairy cell leukemia not having achieved remission	N	C9332	Juvenile myelomonocytic leukemia, in relapse	N
C9141	Hairy cell leukemia, in remission	N	C7A8	Other malignant neuroendocrine tumors	N
C960	Multifocal and multisystemic Langerhans-cell histiocytosis	N	C4A11	Merkel cell carcinoma of right eyelid, including canthus	N
C962	Malignant mast cell tumor	N	C4A12	Merkel cell carcinoma of left eyelid, including canthus	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
C8440	Peripheral T-cell lymphoma, not classified, unspecified site	N	C4A21	Merkel cell carcinoma of right ear and external auric canal	N
C8449	Prph T-cell lymph, not class, extrnod and solid organ sites	N	C4A22	Merkel cell carcinoma of left ear and external auric canal	N
C8441	Prph T-cell lymph, not class, nodes of head, face, and neck	N	C4A31	Merkel cell carcinoma of nose	N
C8442	Peripheral T-cell lymphoma, not class, intrathorac nodes	N	C4A61	Merkel cell carcinoma of right upper limb, inc shoulder	N
C8443	Peripheral T-cell lymphoma, not classified, intra-abd nodes	N	C4A62	Merkel cell carcinoma of left upper limb, including shoulder	N
C8444	Prph T-cell lymph, not class, nodes of axilla and upper limb	N	C4A71	Merkel cell carcinoma of right lower limb, including hip	N
C8445	Prph T-cell lymph, not class, nodes of ing rgn and low limb	N	C4A72	Merkel cell carcinoma of left lower limb, including hip	N
C8446	Peripheral T-cell lymphoma, not classified, intrapelv nodes	N	C4A51	Merkel cell carcinoma of anal skin	N
C8447	Peripheral T-cell lymphoma, not classified, spleen	N	C4A52	Merkel cell carcinoma of skin of breast	N
C8448	Peripheral T-cell lymphoma, not classified, nodes mult site	N	D0221	Carcinoma in situ of right bronchus and lung	N
C8580	Oth types of non-Hodgkin lymphoma, unspecified site	N	D0222	Carcinoma in situ of left bronchus and lung	N
C8589	Oth types of non-hodg lymph, extrnod and solid organ sites	N	D0411	Carcinoma in situ of skin of right eyelid, including canthus	N
C8581	Oth types of non-hodg lymph, nodes of head, face, and neck	N	D0412	Carcinoma in situ of skin of left eyelid, including canthus	N
C8582	Oth types of non-Hodgkin lymphoma, intrathoracic lymph nodes	N	D0421	Ca in situ skin of right ear and external auricular canal	N
C8493	Mature T/NK-cell lymphomas, unsp, intra-abd lymph nodes	N	D0422	Ca in situ skin of left ear and external auricular canal	N
C8583	Oth types of non-Hodgkin lymphoma, intra-abd lymph nodes	N	D0461	Ca in situ skin of right upper limb, including shoulder	N
C8584	Oth types of non-hodg lymph, nodes of axilla and upper limb	N	D0462	Ca in situ skin of left upper limb, including shoulder	N
C8585	Oth types of non-hodg lymph, nodes of ing rgn and lower limb	N	D0471	Carcinoma in situ of skin of right lower limb, including hip	N
C8586	Oth types of non-Hodgkin lymphoma, intrapelvic lymph nodes	N	D0472	Carcinoma in situ of skin of left lower limb, including hip	N
C8587	Other specified types of non-Hodgkin lymphoma, spleen	N	D0500	Lobular carcinoma in situ of unspecified breast	N
C8588	Oth types of non-Hodgkin lymphoma, lymph nodes mult site	N	D0501	Lobular carcinoma in situ of right breast	N
C964	Sarcoma of dendritic cells (accessory cells)	N	D0502	Lobular carcinoma in situ of left breast	N
C969	Malig neopl of lymphoid, hematpoetc and rel tissue, unsp	N	D0510	Intraductal carcinoma in situ of unspecified breast	N
C96Z	Oth malig neopl of lymphoid, hematpoetc and related tissue	N	D0511	Intraductal carcinoma in situ of right breast	N
C9000	Multiple myeloma not having achieved remission	N	D0512	Intraductal carcinoma in situ of left breast	N
C9001	Multiple myeloma in remission	N	D0580	Oth type of carcinoma in situ of unspecified breast	N
C9002	Multiple myeloma in relapse	N	D0581	Other specified type of carcinoma in situ of	N

ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?	ICD-10-CM CODE	DESCRIPTION	METASTATIC/ BONE?
				right breast	
C9010	Plasma cell leukemia not having achieved remission	N	D0582	Other specified type of carcinoma in situ of left breast	N
C9011	Plasma cell leukemia in remission	N	D0591	Unspecified type of carcinoma in situ of right breast	N
C9012	Plasma cell leukemia in relapse	N	D0592	Unspecified type of carcinoma in situ of left breast	N
C888	Other malignant immunoproliferative diseases	N	D060	Carcinoma in situ of endocervix	N
C9020	Extramedullary plasmacytoma not having achieved remission	N	D061	Carcinoma in situ of exocervix	N
C9030	Solitary plasmacytoma not having achieved remission	N	D067	Carcinoma in situ of other parts of cervix	N
C9021	Extramedullary plasmacytoma in remission	N			

C-3. FRACTURE DIAGNOSIS CODES

ICD-9-CM DIAGNOSIS CODES

ICD-9-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-9-CM CODE	FRACTURE TYPE	DESCRIPTION
8080	Pelvis/Sacrum	FRACTURE ACETABULUM-CLOS	81302	Radius/Ulna	FX CORONOID PROC ULNA-CL
8082	Pelvis/Sacrum	FRACTURE OF PUBIS-CLOSED	81303	Radius/Ulna	MONTEGGIA'S FX-CLOSED
80841	Pelvis/Sacrum	FRACTURE OF ILIUM-CLOSED	81304	Radius/Ulna	FX UPPER ULNA NEC/NOS-CL
80842	Pelvis/Sacrum	FRACTURE ISCHIUM-CLOSED	81305	Radius/Ulna	FX RADIUS HEAD-CLOSED
80843	Pelvis/Sacrum	PELV FX-CLOS/PELV DISRUP	81306	Radius/Ulna	FX RADIUS NECK-CLOSED
80844	Pelvis/Sacrum	PELV FX-CL W/O PLV DISRP	81307	Radius/Ulna	FX UP RADIUS NEC/NOS-CL
80849	Pelvis/Sacrum	PELVIC FRACTURE NEC-CLOS	81308	Radius/Ulna	FX UP RADIUS W ULNA-CLOS
8088	Pelvis/Sacrum	PELVIC FRACTURE NOS-CLOS	81320	Radius/Ulna	FX SHAFT FOREARM NOS-CL
8208	Hip	FX NECK OF FEMUR NOS-CL	81321	Radius/Ulna	FX RADIUS SHAFT-CLOSED
73314	Hip	PATH FX NECK OF FEMUR	81322	Radius/Ulna	FX ULNA SHAFT-CLOSED
82000	Hip	FX FEMUR INTRCAPS NOS-CL	81323	Radius/Ulna	FX SHAFT RAD W ULNA-CLOS
82001	Hip	FX UP FEMUR EPIPHY-CLOS	81380	Radius/Ulna	FX FOREARM NOS-CLOSED
82002	Hip	FX FEMUR, MIDCERVIC-CLOS	81381	Radius/Ulna	FX RADIUS NOS-CLOSED
82003	Hip	FX BASE FEMORAL NCK-CLOS	81382	Radius/Ulna	FRACTURE ULNA NOS-CLOSED
82009	Hip	FX FEMUR INTRCAPS NEC-CL	81383	Radius/Ulna	FX RADIUS W ULNA NOS-CL
82020	Hip	TROCHANTERIC FX NOS-CLOS	73312	Distal Radius/Ulna	PATH FX DSTL RADIUS ULNA
82021	Hip	INTERTROCHANTERIC FX-CL	81340	Distal Radius/Ulna	FX LOWER FOREARM NOS-CL
82022	Hip	SUBTROCHANTERIC FX-CLOSE	81341	Distal Radius/Ulna	COLLES' FRACTURE-CLOSED
73315	Distal Femur	PATH FX OTH SPCF PRT FMR	81342	Distal Radius/Ulna	FX DISTAL RADIUS NEC-CL
82100	Distal Femur	FX FEMUR NOS-CLOSED	81343	Distal Radius/Ulna	FX DISTAL ULNA-CLOSED
82101	Distal Femur	FX FEMUR SHAFT-CLOSED	81344	Distal Radius/Ulna	FX LOW RADIUS W ULNA-CL

ICD-9-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-9-CM CODE	FRACTURE TYPE	DESCRIPTION
82120	Distal Femur	FX LOW END FEMUR NOS-CL	81345	Distal Radius/Ulna	TORUS FX RADIUS-CL/ALONE
82121	Distal Femur	FX FEMORAL CONDYLE-CLOSE	81346	Distal Radius/Ulna	TORUS FX ULNA-CLOSED
82122	Distal Femur	FX LOW FEMUR EPIPHY-CLOS	81347	Distal Radius/Ulna	TORUS FX RADIUS/ULNA-CLO
82123	Distal Femur	SUPRACONDYL FX FEMUR-CL	81350	Distal Radius/Ulna	FX LOWER FOREARM NOS-OPN
82129	Distal Femur	FX LOW END FEMUR NEC-CL	81351	Distal Radius/Ulna	COLLES' FRACTURE-OPEN
8240	Tibia/Fibula	FX MEDIAL MALLEOLUS-CLOS	81352	Distal Radius/Ulna	FX DISTAL RADIUS NEC-OPN
8242	Tibia/Fibula	FX LATERAL MALLEOLUS-CL	81353	Distal Radius/Ulna	FX DISTAL ULNA-OPEN
8244	Tibia/Fibula	FX BIMALLEOLAR-CLOSED	81354	Distal Radius/Ulna	FX LOW RADIUS W ULNA-OPN
8246	Tibia/Fibula	FX TRIMALLEOLAR-CLOSED	80700	Rib	FRACTURE RIB NOS-CLOSED
8248	Tibia/Fibula	FX ANKLE NOS-CLOSED	80701	Rib	FRACTURE ONE RIB-CLOSED
73316	Tibia/Fibula	PATH FX TIBIA FIBULA	80702	Rib	FRACTURE TWO RIBS-CLOSED
82300	Tibia/Fibula	FX UPPER END TIBIA-CLOSE	80703	Rib	FRACTURE THREE RIBS-CLOS
82301	Tibia/Fibula	FX UPPER END FIBULA-CLOS	80704	Rib	FRACTURE FOUR RIBS-CLOSE
82302	Tibia/Fibula	FX UP TIBIA W FIBULA-CL	80705	Rib	FRACTURE FIVE RIBS-CLOSE
82320	Tibia/Fibula	FX SHAFT TIBIA-CLOSED	80706	Rib	FRACTURE SIX RIBS-CLOSED
82321	Tibia/Fibula	FX SHAFT FIBULA-CLOSED	80707	Rib	FRACTURE SEVEN RIBS-CLOS
82322	Tibia/Fibula	FX SHAFT FIB W TIB-CLOS	80708	Rib	FX EIGHT/MORE RIB-CLOSED
82380	Tibia/Fibula	FX TIBIA NOS-CLOSED	80709	Rib	FX MULT RIBS NOS-CLOSED
82381	Tibia/Fibula	FX FIBULA NOS-CLOSED	81003	Clavicle	FX CLAVICL, ACROM END-CL
82382	Tibia/Fibula	FX TIBIA W FIBULA NOS-CL	81002	Clavicle	FX CLAVICLE SHAFT-CLOSED
73311	Humerus	PATH FX HUMERUS	81001	Clavicle	FX CLAVICL, STERN END-CL
81200	Humerus	FX UP END HUMERUS NOS-CL	81000	Clavicle	FX CLAVICLE NOS-CLOSED
81201	Humerus	FX SURG NCK HUMERUS-CLOS	8052	Spine	FX DORSAL VERTEBRA-CLOSE
81202	Humerus	FX ANATOM NCK HUMERUS-CL	8054	Spine	FX LUMBAR VERTEBRA-CLOSE
81203	Humerus	FX GR TUBEROS HUMERUS-CL	8058	Spine	VERTEBRAL FX NOS-CLOSED
81209	Humerus	FX UPPER HUMERUS NEC-CL	73313	Spine	PATH FX VERTEBRAE
81220	Humerus	FX HUMERUS NOS-CLOSED	80500	Spine	FX CERVICAL VERT NOS-CL
81221	Humerus	FX HUMERUS SHAFT-CLOSED	80501	Spine	FX C1 VERTEBRA-CLOSED
81240	Humerus	FX LOWER HUMERUS NOS-CL	80502	Spine	FX C2 VERTEBRA-CLOSED
81241	Humerus	SUPRCONDYL FX HUMERUS-CL	80503	Spine	FX C3 VERTEBRA-CLOSED
81242	Humerus	FX HUMER, LAT CONDYL-CL	80504	Spine	FX C4 VERTEBRA-CLOSED
81243	Humerus	FX HUMER, MED CONDYL-CL	80505	Spine	FX C5 VERTEBRA-CLOSED
81244	Humerus	FX HUMER, CONDYL NOS-CL	80506	Spine	FX C6 VERTEBRA-CLOSED
81249	Humerus	FX LOWER HUMERUS NEC-CL	80507	Spine	FX C7 VERTEBRA-CLOSED
81300	Radius/Ulna	FX UPPER FOREARM NOS-CL	80508	Spine	FX MULT CERVICAL VERT-CL
81301	Radius/Ulna	FX OLECRAN PROC ULNA-CL			

ICD-10-CM DIAGNOSIS CODES

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S32409A	Pelvis/Sacrum	Unsp fracture of unsp acetabulum, init for clos fx	S42326A	Humerus	Nondisp transverse fx shaft of humerus, unsp arm, init
S32401A	Pelvis/Sacrum	Unsp fracture of right acetabulum, init for clos fx	S42331A	Humerus	Displaced oblique fx shaft of humerus, right arm, init
S32402A	Pelvis/Sacrum	Unsp fracture of left acetabulum, init for clos fx	S42332A	Humerus	Displaced oblique fx shaft of humerus, left arm, init
S32411A	Pelvis/Sacrum	Disp fx of anterior wall of right acetabulum, init	S42333A	Humerus	Displaced oblique fx shaft of humerus, unsp arm, init
S32412A	Pelvis/Sacrum	Disp fx of anterior wall of left acetabulum, init	S42334A	Humerus	Nondisp oblique fx shaft of humerus, right arm, init
S32413A	Pelvis/Sacrum	Disp fx of anterior wall of unsp acetabulum, init	S42335A	Humerus	Nondisp oblique fracture of shaft of humerus, left arm, init
S32414A	Pelvis/Sacrum	Nondisp fx of anterior wall of right acetabulum, init	S42336A	Humerus	Nondisp oblique fracture of shaft of humerus, unsp arm, init
S32415A	Pelvis/Sacrum	Nondisp fx of anterior wall of left acetabulum, init	S42341A	Humerus	Displaced spiral fx shaft of humerus, right arm, init
S32416A	Pelvis/Sacrum	Nondisp fx of anterior wall of unsp acetabulum, init	S42342A	Humerus	Displaced spiral fx shaft of humerus, left arm, init
S32421A	Pelvis/Sacrum	Disp fx of posterior wall of right acetabulum, init	S42343A	Humerus	Displaced spiral fx shaft of humerus, unsp arm, init
S32422A	Pelvis/Sacrum	Disp fx of posterior wall of left acetabulum, init	S42344A	Humerus	Nondisp spiral fracture of shaft of humerus, right arm, init
S32423A	Pelvis/Sacrum	Disp fx of posterior wall of unsp acetabulum, init	S42345A	Humerus	Nondisp spiral fracture of shaft of humerus, left arm, init
S32424A	Pelvis/Sacrum	Nondisp fx of posterior wall of right acetabulum, init	S42346A	Humerus	Nondisp spiral fracture of shaft of humerus, unsp arm, init
S32425A	Pelvis/Sacrum	Nondisp fx of posterior wall of left acetabulum, init	S42351A	Humerus	Displaced comminuted fx shaft of humerus, right arm, init
S32426A	Pelvis/Sacrum	Nondisp fx of posterior wall of unsp acetabulum, init	S42352A	Humerus	Displaced comminuted fx shaft of humerus, left arm, init
S32431A	Pelvis/Sacrum	Disp fx of anterior column of right acetabulum, init	S42353A	Humerus	Displaced comminuted fx shaft of humerus, unsp arm, init
S32432A	Pelvis/Sacrum	Disp fx of anterior column of left acetabulum, init	S42354A	Humerus	Nondisp comminuted fx shaft of humerus, right arm, init
S32433A	Pelvis/Sacrum	Disp fx of anterior column of unsp acetabulum, init	S42355A	Humerus	Nondisp comminuted fx shaft of humerus, left arm, init
S32434A	Pelvis/Sacrum	Nondisp fx of anterior column of right acetabulum, init	S42356A	Humerus	Nondisp comminuted fx shaft of humerus, unsp arm, init
S32435A	Pelvis/Sacrum	Nondisp fx of anterior column of left acetabulum, init	S42361A	Humerus	Displaced segmental fx shaft of humerus, right arm, init
S32436A	Pelvis/Sacrum	Nondisp fx of anterior column of unsp acetabulum, init	S42362A	Humerus	Displaced segmental fx shaft of humerus, left arm, init
S32441A	Pelvis/Sacrum	Disp fx of posterior column of right acetabulum, init	S42363A	Humerus	Displaced segmental fx shaft of humerus, unsp arm, init
S32442A	Pelvis/Sacrum	Disp fx of posterior column of left acetabulum, init	S42364A	Humerus	Nondisp segmental fx shaft of humerus, right arm, init
S32443A	Pelvis/Sacrum	Disp fx of posterior column of unsp acetabulum, init	S42365A	Humerus	Nondisp segmental fx shaft of humerus, left arm, init
S32444A	Pelvis/Sacrum	Nondisp fx of posterior column of right acetabulum, init	S42366A	Humerus	Nondisp segmental fx shaft of humerus, unsp arm, init

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S32445A	Pelvis/Sacrum	Nondisp fx of posterior column of left acetabulum, init	S42391A	Humerus	Oth fracture of shaft of right humerus, init for clos fx
S32446A	Pelvis/Sacrum	Nondisp fx of posterior column of unsp acetabulum, init	S42392A	Humerus	Oth fracture of shaft of left humerus, init for clos fx
S32451A	Pelvis/Sacrum	Displaced transverse fracture of right acetabulum, init	S42409A	Humerus	Unsp fracture of lower end of unsp humerus, init for clos fx
S32452A	Pelvis/Sacrum	Displaced transverse fracture of left acetabulum, init	S42401A	Humerus	Unsp fracture of lower end of right humerus, init
S32453A	Pelvis/Sacrum	Displaced transverse fracture of unsp acetabulum, init	S42402A	Humerus	Unsp fracture of lower end of left humerus, init for clos fx
S32454A	Pelvis/Sacrum	Nondisplaced transverse fracture of right acetabulum, init	S42413A	Humerus	Displ simple suprondl fx w/o introndl fx unsp humerus, init
S32455A	Pelvis/Sacrum	Nondisplaced transverse fracture of left acetabulum, init	S42416A	Humerus	Nondisp simple suprondl fx w/o introndl fx unsp humer, init
S32456A	Pelvis/Sacrum	Nondisplaced transverse fracture of unsp acetabulum, init	S42411A	Humerus	Displ simple suprondl fx w/o introndl fx r humerus, init
S32461A	Pelvis/Sacrum	Displaced associated transv/post fx right acetabulum, init	S42412A	Humerus	Displ simple suprondl fx w/o introndl fx l humerus, init
S32462A	Pelvis/Sacrum	Displaced associated transv/post fx left acetabulum, init	S42414A	Humerus	Nondisp simple suprondl fx w/o introndl fx r humerus, init
S32463A	Pelvis/Sacrum	Displaced associated transv/post fx unsp acetabulum, init	S42415A	Humerus	Nondisp simple suprondl fx w/o introndl fx l humerus, init
S32464A	Pelvis/Sacrum	Nondisp associated transv/post fx right acetabulum, init	S42421A	Humerus	Displ commnt suprondl fx w/o introndl fx r humerus, init
S32465A	Pelvis/Sacrum	Nondisp associated transv/post fx left acetabulum, init	S42422A	Humerus	Displ commnt suprondl fx w/o introndl fx l humerus, init
S32466A	Pelvis/Sacrum	Nondisp associated transv/post fx unsp acetabulum, init	S42423A	Humerus	Displ commnt suprondl fx w/o introndl fx unsp humerus, init
S32471A	Pelvis/Sacrum	Disp fx of medial wall of right acetabulum, init for clos fx	S42424A	Humerus	Nondisp commnt suprondl fx w/o introndl fx r humerus, init
S32472A	Pelvis/Sacrum	Disp fx of medial wall of left acetabulum, init for clos fx	S42425A	Humerus	Nondisp commnt suprondl fx w/o introndl fx l humerus, init
S32473A	Pelvis/Sacrum	Disp fx of medial wall of unsp acetabulum, init for clos fx	S42426A	Humerus	Nondisp commnt suprondl fx w/o introndl fx unsp humer, init
S32474A	Pelvis/Sacrum	Nondisp fx of medial wall of right acetabulum, init	S42433A	Humerus	Disp fx of lateral epicondyle of unsp humerus, init
S32475A	Pelvis/Sacrum	Nondisp fx of medial wall of left acetabulum, init	S42436A	Humerus	Nondisp fx of lateral epicondyle of unsp humerus, init
S32476A	Pelvis/Sacrum	Nondisp fx of medial wall of unsp acetabulum, init	S42453A	Humerus	Disp fx of lateral condyle of unsp humerus, init for clos fx
S32481A	Pelvis/Sacrum	Displaced dome fracture of right acetabulum, init	S42456A	Humerus	Nondisp fx of lateral condyle of unsp humerus, init
S32482A	Pelvis/Sacrum	Displaced dome fracture of left acetabulum, init for clos fx	S42431A	Humerus	Disp fx (avulsion) of lateral epicondyle of r humerus, init
S32483A	Pelvis/Sacrum	Displaced dome fracture of unsp acetabulum, init for clos fx	S42432A	Humerus	Disp fx (avulsion) of lateral epicondyle of l humerus, init
S32484A	Pelvis/Sacrum	Nondisplaced dome fracture of right acetabulum, init	S42434A	Humerus	Nondisp fx of lateral epicondyle of r humerus, init
S32485A	Pelvis/Sacrum	Nondisplaced dome fracture of left acetabulum, init	S42435A	Humerus	Nondisp fx of lateral epicondyle of l humerus, init
S32486A	Pelvis/Sacrum	Nondisplaced dome fracture of unsp acetabulum, init	S42451A	Humerus	Disp fx of lateral condyle of right humerus, init

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S32491A	Pelvis/Sacrum	Oth fracture of right acetabulum, init for clos fx	S42452A	Humerus	Disp fx of lateral condyle of left humerus, init for clos fx
S32492A	Pelvis/Sacrum	Oth fracture of left acetabulum, init for clos fx	S42454A	Humerus	Nondisp fx of lateral condyle of right humerus, init
S32499A	Pelvis/Sacrum	Oth fracture of unsp acetabulum, init for clos fx	S42455A	Humerus	Nondisp fx of lateral condyle of left humerus, init
S32501A	Pelvis/Sacrum	Unsp fracture of right pubis, init for clos fx	S42443A	Humerus	Disp fx of medial epicondyle of unsp humerus, init
S32502A	Pelvis/Sacrum	Unsp fracture of left pubis, init encntr for closed fracture	S42446A	Humerus	Nondisp fx of medial epicondyle of unsp humerus, init
S32509A	Pelvis/Sacrum	Unsp fracture of unsp pubis, init encntr for closed fracture	S42463A	Humerus	Disp fx of medial condyle of unsp humerus, init for clos fx
S32511A	Pelvis/Sacrum	Fracture of superior rim of right pubis, init for clos fx	S42466A	Humerus	Nondisp fx of medial condyle of unsp humerus, init
S32512A	Pelvis/Sacrum	Fracture of superior rim of left pubis, init for clos fx	S42441A	Humerus	Disp fx (avulsion) of medial epicondyle of r humerus, init
S32519A	Pelvis/Sacrum	Fracture of superior rim of unsp pubis, init for clos fx	S42442A	Humerus	Disp fx (avulsion) of medial epicondyle of l humerus, init
S32591A	Pelvis/Sacrum	Oth fracture of right pubis, init encntr for closed fracture	S42444A	Humerus	Nondisp fx of medial epicondyle of r humerus, init
S32592A	Pelvis/Sacrum	Oth fracture of left pubis, init encntr for closed fracture	S42445A	Humerus	Nondisp fx of medial epicondyle of l humerus, init
S32599A	Pelvis/Sacrum	Oth fracture of unsp pubis, init encntr for closed fracture	S42447A	Humerus	Incarcerated fracture of medial epicondyl of r humerus, init
S32309A	Pelvis/Sacrum	Unsp fracture of unsp ilium, init encntr for closed fracture	S42448A	Humerus	Incarcerated fracture of medial epicondyl of l humerus, init
S32301A	Pelvis/Sacrum	Unsp fracture of right ilium, init for clos fx	S42449A	Humerus	Incarcerated fx of medial epicondyl of unsp humerus, init
S32302A	Pelvis/Sacrum	Unsp fracture of left ilium, init encntr for closed fracture	S42461A	Humerus	Disp fx of medial condyle of right humerus, init for clos fx
S32311A	Pelvis/Sacrum	Displaced avulsion fracture of right ilium, init for clos fx	S42462A	Humerus	Disp fx of medial condyle of left humerus, init for clos fx
S32312A	Pelvis/Sacrum	Displaced avulsion fracture of left ilium, init for clos fx	S42464A	Humerus	Nondisp fx of medial condyle of right humerus, init
S32313A	Pelvis/Sacrum	Displaced avulsion fracture of unsp ilium, init for clos fx	S42465A	Humerus	Nondisp fx of medial condyle of left humerus, init
S32314A	Pelvis/Sacrum	Nondisplaced avulsion fracture of right ilium, init	S42473A	Humerus	Displaced transcondylar fracture of unsp humerus, init
S32315A	Pelvis/Sacrum	Nondisplaced avulsion fracture of left ilium, init	S42476A	Humerus	Nondisplaced transcondylar fracture of unsp humerus, init
S32316A	Pelvis/Sacrum	Nondisplaced avulsion fracture of unsp ilium, init	S42471A	Humerus	Displaced transcondylar fracture of right humerus, init
S32391A	Pelvis/Sacrum	Oth fracture of right ilium, init encntr for closed fracture	S42472A	Humerus	Displaced transcondylar fracture of left humerus, init
S32392A	Pelvis/Sacrum	Oth fracture of left ilium, init encntr for closed fracture	S42474A	Humerus	Nondisplaced transcondylar fracture of right humerus, init
S32399A	Pelvis/Sacrum	Oth fracture of unsp ilium, init encntr for closed fracture	S42475A	Humerus	Nondisplaced transcondylar fracture of left humerus, init
S32609A	Pelvis/Sacrum	Unsp fracture of unsp ischium, init for clos fx	S49101A	Humerus	Unsp physeal fx lower end of humerus, right arm, init
S32601A	Pelvis/Sacrum	Unsp fracture of right ischium, init for clos fx	S49102A	Humerus	Unsp physeal fx lower end of humerus, left arm, init

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S32602A	Pelvis/Sacrum	Unsp fracture of left ischium, init for clos fx	S49109A	Humerus	Unsp physeal fx lower end of humerus, unsp arm, init
S32611A	Pelvis/Sacrum	Displaced avulsion fracture of right ischium, init	S49111A	Humerus	Sltr-haris Type I physl fx lower end humer, right arm, init
S32612A	Pelvis/Sacrum	Displaced avulsion fracture of left ischium, init	S49112A	Humerus	Sltr-haris Type I physl fx lower end humer, left arm, init
S32613A	Pelvis/Sacrum	Displaced avulsion fracture of unsp ischium, init	S49119A	Humerus	Sltr-haris Type I physl fx lower end humer, unsp arm, init
S32614A	Pelvis/Sacrum	Nondisplaced avulsion fracture of right ischium, init	S49121A	Humerus	Sltr-haris Type II physl fx lower end humer, right arm, init
S32615A	Pelvis/Sacrum	Nondisplaced avulsion fracture of left ischium, init	S49122A	Humerus	Sltr-haris Type II physl fx lower end humer, left arm, init
S32616A	Pelvis/Sacrum	Nondisplaced avulsion fracture of unsp ischium, init	S49129A	Humerus	Sltr-haris Type II physl fx lower end humer, unsp arm, init
S32691A	Pelvis/Sacrum	Oth fracture of right ischium, init for clos fx	S49131A	Humerus	Sltr-haris Type III physl fx low end humer, right arm, init
S32692A	Pelvis/Sacrum	Oth fracture of left ischium, init for clos fx	S49132A	Humerus	Sltr-haris Type III physl fx lower end humer, left arm, init
S32699A	Pelvis/Sacrum	Oth fracture of unsp ischium, init for clos fx	S49139A	Humerus	Sltr-haris Type III physl fx lower end humer, unsp arm, init
S32810A	Pelvis/Sacrum	Multiple fx of pelvis w stable disrupt of pelvic ring, init	S49141A	Humerus	Sltr-haris Type IV physl fx lower end humer, right arm, init
S32811A	Pelvis/Sacrum	Mult fx of pelvis w unstable disrupt of pelvic ring, init	S49142A	Humerus	Sltr-haris Type IV physl fx lower end humer, left arm, init
S3282XA	Pelvis/Sacrum	Multiple fx of pelvis w/o disrupt of pelvic ring, init	S49149A	Humerus	Sltr-haris Type IV physl fx lower end humer, unsp arm, init
S3289XA	Pelvis/Sacrum	Fracture of oth parts of pelvis, init for clos fx	S49191A	Humerus	Oth physeal fx lower end of humerus, right arm, init
S329XXA	Pelvis/Sacrum	Fracture of unsp parts of lumbosacral spine and pelvis, init	S49192A	Humerus	Oth physeal fracture of lower end of humerus, left arm, init
S72009A	Hip	Fracture of unsp part of neck of unsp femur, init	S49199A	Humerus	Oth physeal fracture of lower end of humerus, unsp arm, init
S72001A	Hip	Fracture of unsp part of neck of right femur, init	S42493A	Humerus	Oth disp fx of lower end of unsp humerus, init for clos fx
S72002A	Hip	Fracture of unsp part of neck of left femur, init	S42496A	Humerus	Oth nondisp fx of lower end of unsp humerus, init
M84459A	Hip	Pathological fracture, hip, unsp, init encntr for fracture	S42481A	Humerus	Torus fracture of lower end of right humerus, init
M80051A	Hip	Age-rel osteopor w current path fracture, right femur, init	S42482A	Humerus	Torus fracture of lower end of left humerus, init
M80052A	Hip	Age-rel osteopor w current path fracture, left femur, init	S42489A	Humerus	Torus fracture of lower end of unsp humerus, init
M80059A	Hip	Age-rel osteopor w current path fracture, unsp femur, init	S42491A	Humerus	Oth disp fx of lower end of right humerus, init for clos fx
M80851A	Hip	Oth osteopor w current path fracture, right femur, init	S42492A	Humerus	Oth disp fx of lower end of left humerus, init for clos fx
M80852A	Hip	Oth osteopor w current path fracture, left femur, init	S42494A	Humerus	Oth nondisp fx of lower end of right humerus, init
M80859A	Hip	Oth osteopor w current path fracture, unsp femur, init	S42495A	Humerus	Oth nondisp fx of lower end of left humerus, init
M84451A	Hip	Pathological fracture, right femur, init encntr for fracture	S5290XA	Radius/Ulna	Unsp fracture of unsp forearm, init for clos fx

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M84452A	Hip	Pathological fracture, left femur, init encntr for fracture	S52023A	Radius/Ulna	Disp fx of olecran pro w/o intartic extn unsp ulna, init
M84651A	Hip	Pathological fracture in oth disease, right femur, init	S52026A	Radius/Ulna	Nondisp fx of olecran pro w/o intartic extn unsp ulna, init
M84652A	Hip	Pathological fracture in oth disease, left femur, init	S52021A	Radius/Ulna	Disp fx of olecran pro w/o intartic extn right ulna, init
M84653A	Hip	Pathological fracture in oth disease, unsp femur, init	S52022A	Radius/Ulna	Disp fx of olecran pro w/o intartic extn left ulna, init
M84659A	Hip	Pathological fracture in oth disease, hip, unsp, init for fx	S52024A	Radius/Ulna	Nondisp fx of olecran pro w/o intartic extn right ulna, init
S72019A	Hip	Unsp intracapsular fracture of unsp femur, init for clos fx	S52025A	Radius/Ulna	Nondisp fx of olecran pro w/o intartic extn left ulna, init
S72011A	Hip	Unsp intracapsular fracture of right femur, init for clos fx	S52031A	Radius/Ulna	Disp fx of olecran pro w intartic extn right ulna, init
S72012A	Hip	Unsp intracapsular fracture of left femur, init for clos fx	S52032A	Radius/Ulna	Disp fx of olecran pro w intartic extn left ulna, init
S72023A	Hip	Disp fx of epiphy (separation) (upper) of unsp femur, init	S52033A	Radius/Ulna	Disp fx of olecran pro w intartic extn unsp ulna, init
S72026A	Hip	Nondisp fx of epiphy (separation) (upper) of unsp femur, init	S52034A	Radius/Ulna	Nondisp fx of olecran pro w intartic extn right ulna, init
S72021A	Hip	Disp fx of epiphysis (separation) (upper) of r femur, init	S52035A	Radius/Ulna	Nondisp fx of olecran pro w intartic extn left ulna, init
S72022A	Hip	Disp fx of epiphysis (separation) (upper) of l femur, init	S52043A	Radius/Ulna	Disp fx of coronoid process of unsp ulna, init for clos fx
S72024A	Hip	Nondisp fx of epiphy (separation) (upper) of r femur, init	S52046A	Radius/Ulna	Nondisp fx of coronoid process of unsp ulna, init
S72025A	Hip	Nondisp fx of epiphy (separation) (upper) of l femur, init	S52041A	Radius/Ulna	Disp fx of coronoid process of right ulna, init for clos fx
S79001A	Hip	Unsp physeal fracture of upper end of right femur, init	S52042A	Radius/Ulna	Disp fx of coronoid process of left ulna, init for clos fx
S79002A	Hip	Unsp physeal fracture of upper end of left femur, init	S52044A	Radius/Ulna	Nondisp fx of coronoid process of right ulna, init
S79009A	Hip	Unsp physeal fracture of upper end of unsp femur, init	S52045A	Radius/Ulna	Nondisp fx of coronoid process of left ulna, init
S79011A	Hip	Sltr-haris Type I physeal fx upper end of right femur, init	S52279A	Radius/Ulna	Monteggia's fracture of unsp ulna, init for clos fx
S79012A	Hip	Sltr-haris Type I physeal fx upper end of left femur, init	S52271A	Radius/Ulna	Monteggia's fracture of right ulna, init for clos fx
S79019A	Hip	Sltr-haris Type I physeal fx upper end of unsp femur, init	S52272A	Radius/Ulna	Monteggia's fracture of left ulna, init for clos fx
S79091A	Hip	Oth physeal fracture of upper end of right femur, init	S52009A	Radius/Ulna	Unsp fracture of upper end of unsp ulna, init for clos fx
S79092A	Hip	Oth physeal fracture of upper end of left femur, init	S52099A	Radius/Ulna	Oth fracture of upper end of unsp ulna, init for clos fx
S79099A	Hip	Oth physeal fracture of upper end of unsp femur, init	S52001A	Radius/Ulna	Unsp fracture of upper end of right ulna, init for clos fx
S72033A	Hip	Displaced midcervical fracture of unsp femur, init	S52002A	Radius/Ulna	Unsp fracture of upper end of left ulna, init for clos fx
S72036A	Hip	Nondisplaced midcervical fracture of unsp femur, init	S52091A	Radius/Ulna	Oth fracture of upper end of right ulna, init for clos fx
S72031A	Hip	Displaced midcervical fracture of right femur, init	S52092A	Radius/Ulna	Oth fracture of upper end of left ulna, init for clos fx

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S72032A	Hip	Displaced midcervical fracture of left femur, init	S52123A	Radius/Ulna	Disp fx of head of unsp radius, init for clos fx
S72034A	Hip	Nondisplaced midcervical fracture of right femur, init	S52126A	Radius/Ulna	Nondisp fx of head of unsp radius, init for clos fx
S72035A	Hip	Nondisplaced midcervical fracture of left femur, init	S52121A	Radius/Ulna	Disp fx of head of right radius, init for clos fx
S72043A	Hip	Disp fx of base of neck of unsp femur, init for clos fx	S52122A	Radius/Ulna	Disp fx of head of left radius, init for clos fx
S72046A	Hip	Nondisp fx of base of neck of unsp femur, init for clos fx	S52124A	Radius/Ulna	Nondisp fx of head of right radius, init for clos fx
S72041A	Hip	Disp fx of base of neck of right femur, init for clos fx	S52125A	Radius/Ulna	Nondisp fx of head of left radius, init for clos fx
S72042A	Hip	Disp fx of base of neck of left femur, init for clos fx	S52133A	Radius/Ulna	Disp fx of neck of unsp radius, init for clos fx
S72044A	Hip	Nondisp fx of base of neck of right femur, init for clos fx	S52136A	Radius/Ulna	Nondisp fx of neck of unsp radius, init for clos fx
S72045A	Hip	Nondisp fx of base of neck of left femur, init for clos fx	S52131A	Radius/Ulna	Disp fx of neck of right radius, init for clos fx
S72099A	Hip	Oth fracture of head and neck of unsp femur, init	S52132A	Radius/Ulna	Disp fx of neck of left radius, init for clos fx
S72051A	Hip	Unsp fracture of head of right femur, init for clos fx	S52134A	Radius/Ulna	Nondisp fx of neck of right radius, init for clos fx
S72052A	Hip	Unsp fracture of head of left femur, init for clos fx	S52135A	Radius/Ulna	Nondisp fx of neck of left radius, init for clos fx
S72059A	Hip	Unsp fracture of head of unsp femur, init for clos fx	S52109A	Radius/Ulna	Unsp fracture of upper end of unsp radius, init for clos fx
S72061A	Hip	Displaced articular fracture of head of right femur, init	S52189A	Radius/Ulna	Oth fracture of upper end of unsp radius, init for clos fx
S72062A	Hip	Displaced articular fracture of head of left femur, init	S59109A	Radius/Ulna	Unsp physeal fracture of upper end of radius, unsp arm, init
S72063A	Hip	Displaced articular fracture of head of unsp femur, init	S52101A	Radius/Ulna	Unsp fracture of upper end of right radius, init for clos fx
S72064A	Hip	Nondisplaced articular fracture of head of right femur, init	S52102A	Radius/Ulna	Unsp fracture of upper end of left radius, init for clos fx
S72065A	Hip	Nondisplaced articular fracture of head of left femur, init	S52181A	Radius/Ulna	Oth fracture of upper end of right radius, init for clos fx
S72066A	Hip	Nondisplaced articular fracture of head of unsp femur, init	S52182A	Radius/Ulna	Oth fracture of upper end of left radius, init for clos fx
S72091A	Hip	Oth fracture of head and neck of right femur, init	S59101A	Radius/Ulna	Unsp physeal fracture of upper end radius, right arm, init
S72092A	Hip	Oth fracture of head and neck of left femur, init	S59102A	Radius/Ulna	Unsp physeal fracture of upper end of radius, left arm, init
S72109A	Hip	Unsp trochanteric fracture of unsp femur, init for clos fx	S59111A	Radius/Ulna	Sltr-haris Type I physl fx upper end radius, right arm, init
S72101A	Hip	Unsp trochanteric fracture of right femur, init for clos fx	S59112A	Radius/Ulna	Sltr-haris Type I physl fx upper end radius, left arm, init
S72102A	Hip	Unsp trochanteric fracture of left femur, init for clos fx	S59119A	Radius/Ulna	Sltr-haris Type I physl fx upper end radius, unsp arm, init
S72111A	Hip	Disp fx of greater trochanter of right femur, init	S59121A	Radius/Ulna	Sltr-haris Type II physl fx upper end rad, right arm, init
S72112A	Hip	Disp fx of greater trochanter of left femur, init	S59122A	Radius/Ulna	Sltr-haris Type II physl fx upper end radius, left arm, init

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S72113A	Hip	Disp fx of greater trochanter of unsp femur, init	S59129A	Radius/Ulna	Sltr-haris Type II physl fx upper end radius, unsp arm, init
S72114A	Hip	Nondisp fx of greater trochanter of right femur, init	S59131A	Radius/Ulna	Sltr-haris Type III physl fx upper end rad, right arm, init
S72115A	Hip	Nondisp fx of greater trochanter of left femur, init	S59132A	Radius/Ulna	Sltr-haris Type III physl fx upper end rad, left arm, init
S72116A	Hip	Nondisp fx of greater trochanter of unsp femur, init	S59139A	Radius/Ulna	Sltr-haris Type III physl fx upper end rad, unsp arm, init
S72121A	Hip	Disp fx of lesser trochanter of right femur, init	S59141A	Radius/Ulna	Sltr-haris Type IV physl fx upper end rad, right arm, init
S72122A	Hip	Disp fx of lesser trochanter of left femur, init for clos fx	S59142A	Radius/Ulna	Sltr-haris Type IV physl fx upper end radius, left arm, init
S72123A	Hip	Disp fx of lesser trochanter of unsp femur, init for clos fx	S59149A	Radius/Ulna	Sltr-haris Type IV physl fx upper end radius, unsp arm, init
S72124A	Hip	Nondisp fx of lesser trochanter of right femur, init	S59191A	Radius/Ulna	Oth physeal fracture of upper end of radius, right arm, init
S72125A	Hip	Nondisp fx of lesser trochanter of left femur, init	S59192A	Radius/Ulna	Oth physeal fracture of upper end of radius, left arm, init
S72126A	Hip	Nondisp fx of lesser trochanter of unsp femur, init	S59199A	Radius/Ulna	Oth physeal fracture of upper end of radius, unsp arm, init
S72131A	Hip	Displaced apophyseal fracture of right femur, init	S52309A	Radius/Ulna	Unsp fracture of shaft of unsp radius, init for clos fx
S72132A	Hip	Displaced apophyseal fracture of left femur, init	S52301A	Radius/Ulna	Unsp fracture of shaft of right radius, init for clos fx
S72133A	Hip	Displaced apophyseal fracture of unsp femur, init	S52302A	Radius/Ulna	Unsp fracture of shaft of left radius, init for clos fx
S72134A	Hip	Nondisplaced apophyseal fracture of right femur, init	S52311A	Radius/Ulna	Greenstick fracture of shaft of radius, right arm, init
S72135A	Hip	Nondisplaced apophyseal fracture of left femur, init	S52312A	Radius/Ulna	Greenstick fracture of shaft of radius, left arm, init
S72136A	Hip	Nondisplaced apophyseal fracture of unsp femur, init	S52319A	Radius/Ulna	Greenstick fracture of shaft of radius, unsp arm, init
S72143A	Hip	Displaced intertrochanteric fracture of unsp femur, init	S52321A	Radius/Ulna	Displaced transverse fracture of shaft of right radius, init
S72146A	Hip	Nondisplaced intertrochanteric fracture of unsp femur, init	S52322A	Radius/Ulna	Displaced transverse fracture of shaft of left radius, init
S72141A	Hip	Displaced intertrochanteric fracture of right femur, init	S52323A	Radius/Ulna	Displaced transverse fracture of shaft of unsp radius, init
S72142A	Hip	Displaced intertrochanteric fracture of left femur, init	S52324A	Radius/Ulna	Nondisp transverse fracture of shaft of right radius, init
S72144A	Hip	Nondisplaced intertrochanteric fracture of right femur, init	S52325A	Radius/Ulna	Nondisp transverse fracture of shaft of left radius, init
S72145A	Hip	Nondisplaced intertrochanteric fracture of left femur, init	S52326A	Radius/Ulna	Nondisp transverse fracture of shaft of unsp radius, init
S7223XA	Hip	Displaced subtrochanteric fracture of unsp femur, init	S52331A	Radius/Ulna	Displaced oblique fracture of shaft of right radius, init
S7226XA	Hip	Nondisplaced subtrochanteric fracture of unsp femur, init	S52332A	Radius/Ulna	Displaced oblique fracture of shaft of left radius, init
S7221XA	Hip	Displaced subtrochanteric fracture of right femur, init	S52333A	Radius/Ulna	Displaced oblique fracture of shaft of unsp radius, init
S7222XA	Hip	Displaced subtrochanteric fracture of left femur, init	S52334A	Radius/Ulna	Nondisplaced oblique fracture of shaft of right radius, init

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S7224XA	Hip	Nondisplaced subtrochanteric fracture of right femur, init	S52335A	Radius/Ulna	Nondisplaced oblique fracture of shaft of left radius, init
S7225XA	Hip	Nondisplaced subtrochanteric fracture of left femur, init	S52336A	Radius/Ulna	Nondisplaced oblique fracture of shaft of unsp radius, init
M84751A	Hip	Incomplete atypical femoral fracture, right leg, init	S52341A	Radius/Ulna	Displaced spiral fx shaft of radius, right arm, init
M84752A	Hip	Incomplete atypical femoral fracture, left leg, init	S52342A	Radius/Ulna	Displaced spiral fracture of shaft of radius, left arm, init
M84754A	Hip	Complete transverse atyp femoral fracture, right leg, init	S52343A	Radius/Ulna	Displaced spiral fracture of shaft of radius, unsp arm, init
M84755A	Hip	Complete transverse atyp femoral fracture, left leg, init	S52344A	Radius/Ulna	Nondisp spiral fracture of shaft of radius, right arm, init
M84757A	Hip	Complete oblique atypical femoral fracture, right leg, init	S52345A	Radius/Ulna	Nondisp spiral fracture of shaft of radius, left arm, init
M84758A	Hip	Complete oblique atypical femoral fracture, left leg, init	S52346A	Radius/Ulna	Nondisp spiral fracture of shaft of radius, unsp arm, init
M84453A	Distal Femur	Pathological fracture, unsp femur, init encntr for fracture	S52351A	Radius/Ulna	Displaced comminuted fx shaft of radius, right arm, init
S7290XA	Distal Femur	Unsp fracture of unsp femur, init encntr for closed fracture	S52352A	Radius/Ulna	Displaced comminuted fx shaft of radius, left arm, init
S728X1A	Distal Femur	Oth fracture of right femur, init encntr for closed fracture	S52353A	Radius/Ulna	Displaced comminuted fx shaft of radius, unsp arm, init
S728X2A	Distal Femur	Oth fracture of left femur, init encntr for closed fracture	S52354A	Radius/Ulna	Nondisp comminuted fx shaft of radius, right arm, init
S728X9A	Distal Femur	Oth fracture of unsp femur, init encntr for closed fracture	S52355A	Radius/Ulna	Nondisp comminuted fx shaft of radius, left arm, init
S7291XA	Distal Femur	Unsp fracture of right femur, init for clos fx	S52356A	Radius/Ulna	Nondisp comminuted fx shaft of radius, unsp arm, init
S7292XA	Distal Femur	Unsp fracture of left femur, init encntr for closed fracture	S52361A	Radius/Ulna	Displaced segmental fx shaft of radius, right arm, init
S72309A	Distal Femur	Unsp fracture of shaft of unsp femur, init for clos fx	S52362A	Radius/Ulna	Displaced segmental fx shaft of radius, left arm, init
S72301A	Distal Femur	Unsp fracture of shaft of right femur, init for clos fx	S52363A	Radius/Ulna	Displaced segmental fx shaft of radius, unsp arm, init
S72302A	Distal Femur	Unsp fracture of shaft of left femur, init for clos fx	S52364A	Radius/Ulna	Nondisp segmental fx shaft of radius, right arm, init
S72321A	Distal Femur	Displaced transverse fracture of shaft of right femur, init	S52365A	Radius/Ulna	Nondisp segmental fx shaft of radius, left arm, init
S72322A	Distal Femur	Displaced transverse fracture of shaft of left femur, init	S52366A	Radius/Ulna	Nondisp segmental fx shaft of radius, unsp arm, init
S72323A	Distal Femur	Displaced transverse fracture of shaft of unsp femur, init	S52371A	Radius/Ulna	Galeazzi's fracture of right radius, init for clos fx
S72324A	Distal Femur	Nondisp transverse fracture of shaft of right femur, init	S52372A	Radius/Ulna	Galeazzi's fracture of left radius, init for clos fx
S72325A	Distal Femur	Nondisp transverse fracture of shaft of left femur, init	S52379A	Radius/Ulna	Galeazzi's fracture of unsp radius, init for clos fx
S72326A	Distal Femur	Nondisp transverse fracture of shaft of unsp femur, init	S52381A	Radius/Ulna	Bent bone of right radius, init encntr for closed fracture
S72331A	Distal Femur	Displaced oblique fracture of shaft of right femur, init	S52382A	Radius/Ulna	Bent bone of left radius, init encntr for closed fracture
S72332A	Distal Femur	Displaced oblique fracture of shaft of left femur, init	S52389A	Radius/Ulna	Bent bone of unsp radius, init encntr for closed fracture

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S72333A	Distal Femur	Displaced oblique fracture of shaft of unsp femur, init	S52391A	Radius/Ulna	Oth fracture of shaft of radius, right arm, init for clos fx
S72334A	Distal Femur	Nondisplaced oblique fracture of shaft of right femur, init	S52392A	Radius/Ulna	Oth fracture of shaft of radius, left arm, init for clos fx
S72335A	Distal Femur	Nondisplaced oblique fracture of shaft of left femur, init	S52209A	Radius/Ulna	Unsp fracture of shaft of unsp ulna, init for clos fx
S72336A	Distal Femur	Nondisplaced oblique fracture of shaft of unsp femur, init	S52201A	Radius/Ulna	Unsp fracture of shaft of right ulna, init for clos fx
S72341A	Distal Femur	Displaced spiral fracture of shaft of right femur, init	S52202A	Radius/Ulna	Unsp fracture of shaft of left ulna, init for clos fx
S72342A	Distal Femur	Displaced spiral fracture of shaft of left femur, init	S52211A	Radius/Ulna	Greenstick fracture of shaft of right ulna, init for clos fx
S72343A	Distal Femur	Displaced spiral fracture of shaft of unsp femur, init	S52212A	Radius/Ulna	Greenstick fracture of shaft of left ulna, init for clos fx
S72344A	Distal Femur	Nondisplaced spiral fracture of shaft of right femur, init	S52219A	Radius/Ulna	Greenstick fracture of shaft of unsp ulna, init for clos fx
S72345A	Distal Femur	Nondisplaced spiral fracture of shaft of left femur, init	S52221A	Radius/Ulna	Displaced transverse fracture of shaft of right ulna, init
S72346A	Distal Femur	Nondisplaced spiral fracture of shaft of unsp femur, init	S52222A	Radius/Ulna	Displaced transverse fracture of shaft of left ulna, init
S72351A	Distal Femur	Displaced comminuted fracture of shaft of right femur, init	S52223A	Radius/Ulna	Displaced transverse fracture of shaft of unsp ulna, init
S72352A	Distal Femur	Displaced comminuted fracture of shaft of left femur, init	S52224A	Radius/Ulna	Nondisp transverse fracture of shaft of right ulna, init
S72353A	Distal Femur	Displaced comminuted fracture of shaft of unsp femur, init	S52225A	Radius/Ulna	Nondisplaced transverse fracture of shaft of left ulna, init
S72354A	Distal Femur	Nondisp comminuted fracture of shaft of right femur, init	S52226A	Radius/Ulna	Nondisplaced transverse fracture of shaft of unsp ulna, init
S72355A	Distal Femur	Nondisp comminuted fracture of shaft of left femur, init	S52231A	Radius/Ulna	Displaced oblique fracture of shaft of right ulna, init
S72356A	Distal Femur	Nondisp comminuted fracture of shaft of unsp femur, init	S52232A	Radius/Ulna	Displaced oblique fracture of shaft of left ulna, init
S72361A	Distal Femur	Displaced segmental fracture of shaft of right femur, init	S52233A	Radius/Ulna	Displaced oblique fracture of shaft of unsp ulna, init
S72362A	Distal Femur	Displaced segmental fracture of shaft of left femur, init	S52234A	Radius/Ulna	Nondisplaced oblique fracture of shaft of right ulna, init
S72363A	Distal Femur	Displaced segmental fracture of shaft of unsp femur, init	S52235A	Radius/Ulna	Nondisplaced oblique fracture of shaft of left ulna, init
S72364A	Distal Femur	Nondisp segmental fracture of shaft of right femur, init	S52236A	Radius/Ulna	Nondisplaced oblique fracture of shaft of unsp ulna, init
S72365A	Distal Femur	Nondisplaced segmental fracture of shaft of left femur, init	S52241A	Radius/Ulna	Displaced spiral fracture of shaft of ulna, right arm, init
S72366A	Distal Femur	Nondisplaced segmental fracture of shaft of unsp femur, init	S52242A	Radius/Ulna	Displaced spiral fracture of shaft of ulna, left arm, init
S72391A	Distal Femur	Oth fracture of shaft of right femur, init for clos fx	S52243A	Radius/Ulna	Displaced spiral fracture of shaft of ulna, unsp arm, init
S72392A	Distal Femur	Oth fracture of shaft of left femur, init for clos fx	S52244A	Radius/Ulna	Nondisp spiral fracture of shaft of ulna, right arm, init
S72399A	Distal Femur	Oth fracture of shaft of unsp femur, init for clos fx	S52245A	Radius/Ulna	Nondisp spiral fracture of shaft of ulna, left arm, init
S72409A	Distal Femur	Unsp fracture of lower end of unsp femur, init for clos fx	S52246A	Radius/Ulna	Nondisp spiral fracture of shaft of ulna, unsp arm, init

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S72401A	Distal Femur	Unsp fracture of lower end of right femur, init for clos fx	S52251A	Radius/Ulna	Displaced comminuted fx shaft of ulna, right arm, init
S72402A	Distal Femur	Unsp fracture of lower end of left femur, init for clos fx	S52252A	Radius/Ulna	Displaced comminuted fx shaft of ulna, left arm, init
S72413A	Distal Femur	Displaced unsp condyle fx lower end of unsp femur, init	S52253A	Radius/Ulna	Displaced comminuted fx shaft of ulna, unsp arm, init
S72416A	Distal Femur	Nondisp unsp condyle fx lower end of unsp femur, init	S52254A	Radius/Ulna	Nondisp comminuted fx shaft of ulna, right arm, init
S72411A	Distal Femur	Displaced unsp condyle fx lower end of right femur, init	S52255A	Radius/Ulna	Nondisp comminuted fracture of shaft of ulna, left arm, init
S72412A	Distal Femur	Displaced unsp condyle fx lower end of left femur, init	S52256A	Radius/Ulna	Nondisp comminuted fracture of shaft of ulna, unsp arm, init
S72414A	Distal Femur	Nondisp unsp condyle fx lower end of right femur, init	S52261A	Radius/Ulna	Displaced segmental fx shaft of ulna, right arm, init
S72415A	Distal Femur	Nondisp unsp condyle fx lower end of left femur, init	S52262A	Radius/Ulna	Displaced segmental fx shaft of ulna, left arm, init
S72421A	Distal Femur	Disp fx of lateral condyle of right femur, init for clos fx	S52263A	Radius/Ulna	Displaced segmental fx shaft of ulna, unsp arm, init
S72422A	Distal Femur	Disp fx of lateral condyle of left femur, init for clos fx	S52264A	Radius/Ulna	Nondisp segmental fracture of shaft of ulna, right arm, init
S72423A	Distal Femur	Disp fx of lateral condyle of unsp femur, init for clos fx	S52265A	Radius/Ulna	Nondisp segmental fracture of shaft of ulna, left arm, init
S72424A	Distal Femur	Nondisp fx of lateral condyle of right femur, init	S52266A	Radius/Ulna	Nondisp segmental fracture of shaft of ulna, unsp arm, init
S72425A	Distal Femur	Nondisp fx of lateral condyle of left femur, init	S52281A	Radius/Ulna	Bent bone of right ulna, init encntr for closed fracture
S72426A	Distal Femur	Nondisp fx of lateral condyle of unsp femur, init	S52282A	Radius/Ulna	Bent bone of left ulna, init encntr for closed fracture
S72431A	Distal Femur	Disp fx of medial condyle of right femur, init for clos fx	S52283A	Radius/Ulna	Bent bone of unsp ulna, init encntr for closed fracture
S72432A	Distal Femur	Disp fx of medial condyle of left femur, init for clos fx	S52291A	Radius/Ulna	Oth fracture of shaft of right ulna, init for clos fx
S72433A	Distal Femur	Disp fx of medial condyle of unsp femur, init for clos fx	S52292A	Radius/Ulna	Oth fracture of shaft of left ulna, init for clos fx
S72434A	Distal Femur	Nondisp fx of medial condyle of right femur, init	S52299A	Radius/Ulna	Oth fracture of shaft of unsp ulna, init for clos fx
S72435A	Distal Femur	Nondisp fx of medial condyle of left femur, init for clos fx	S5291XA	Radius/Ulna	Unsp fracture of right forearm, init for clos fx
S72436A	Distal Femur	Nondisp fx of medial condyle of unsp femur, init for clos fx	S52036A	Radius/Ulna	Nondisp fx of olecran pro w intartic extn unsp ulna, init
S72443A	Distal Femur	Disp fx of lower epiphysis (separation) of unsp femur, init	S52399A	Radius/Ulna	Oth fracture of shaft of radius, unsp arm, init for clos fx
S72446A	Distal Femur	Nondisp fx of lower epiphy (separation) of unsp femur, init	S5292XA	Radius/Ulna	Unsp fracture of left forearm, init for clos fx
S72441A	Distal Femur	Disp fx of lower epiphysis (separation) of right femur, init	M80031A	Distal Radius/Ulna	Age-rel osteopor w current path fracture, r forearm, init
S72442A	Distal Femur	Disp fx of lower epiphysis (separation) of left femur, init	M80032A	Distal Radius/Ulna	Age-rel osteopor w current path fracture, l forearm, init
S72444A	Distal Femur	Nondisp fx of lower epiphysis (separation) of r femur, init	M80039A	Distal Radius/Ulna	Age-rel osteopor w current path fracture, unsp forearm, init
S72445A	Distal Femur	Nondisp fx of lower epiphysis (separation) of l femur, init	M80831A	Distal Radius/Ulna	Oth osteopor w current path fracture, r forearm, init

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S79101A	Distal Femur	Unsp physeal fracture of lower end of right femur, init	M80832A	Distal Radius/Ulna	Oth osteopor w current path fracture, I forearm, init
S79102A	Distal Femur	Unsp physeal fracture of lower end of left femur, init	M80839A	Distal Radius/Ulna	Oth osteopor w current path fracture, unsp forearm, init
S79109A	Distal Femur	Unsp physeal fracture of lower end of unsp femur, init	M84431A	Distal Radius/Ulna	Pathological fracture, right ulna, init encntr for fracture
S79111A	Distal Femur	Sltr-haris Type I physeal fx lower end of right femur, init	M84432A	Distal Radius/Ulna	Pathological fracture, left ulna, init encntr for fracture
S79112A	Distal Femur	Sltr-haris Type I physeal fx lower end of left femur, init	M84433A	Distal Radius/Ulna	Pathological fracture, right radius, init for fx
S79119A	Distal Femur	Sltr-haris Type I physeal fx lower end of unsp femur, init	M84434A	Distal Radius/Ulna	Pathological fracture, left radius, init encntr for fracture
S79121A	Distal Femur	Sltr-haris Type II physeal fx lower end of right femur, init	M84439A	Distal Radius/Ulna	Pathological fracture, unsp ulna and radius, init for fx
S79122A	Distal Femur	Sltr-haris Type II physeal fx lower end of left femur, init	M84631A	Distal Radius/Ulna	Pathological fracture in oth disease, right ulna, init
S79129A	Distal Femur	Sltr-haris Type II physeal fx lower end of unsp femur, init	M84632A	Distal Radius/Ulna	Pathological fracture in oth disease, left ulna, init for fx
S79131A	Distal Femur	Sltr-haris Type III physeal fx lower end of r femur, init	M84633A	Distal Radius/Ulna	Pathological fracture in oth disease, right radius, init
S79132A	Distal Femur	Sltr-haris Type III physeal fx lower end of left femur, init	M84634A	Distal Radius/Ulna	Pathological fracture in oth disease, left radius, init
S79139A	Distal Femur	Sltr-haris Type III physeal fx lower end of unsp femur, init	S52531A	Distal Radius/Ulna	Colles' fracture of right radius, init for clos fx
S79141A	Distal Femur	Sltr-haris Type IV physeal fx lower end of right femur, init	S52532A	Distal Radius/Ulna	Colles' fracture of left radius, init for clos fx
S79142A	Distal Femur	Sltr-haris Type IV physeal fx lower end of left femur, init	S52539A	Distal Radius/Ulna	Colles' fracture of unsp radius, init for clos fx
S79149A	Distal Femur	Sltr-haris Type IV physeal fx lower end of unsp femur, init	S52541A	Distal Radius/Ulna	Smith's fracture of right radius, init for clos fx
S79191A	Distal Femur	Oth physeal fracture of lower end of right femur, init	S52542A	Distal Radius/Ulna	Smith's fracture of left radius, init for clos fx
S79192A	Distal Femur	Oth physeal fracture of lower end of left femur, init	S52549A	Distal Radius/Ulna	Smith's fracture of unsp radius, init for clos fx
S79199A	Distal Femur	Oth physeal fracture of lower end of unsp femur, init	S52501A	Distal Radius/Ulna	Unsp fracture of the lower end of right radius, init
S72453A	Distal Femur	Displ suprcndl fx w/o intrcndl extn low end unsp femr, init	S52502A	Distal Radius/Ulna	Unsp fracture of the lower end of left radius, init
S72456A	Distal Femur	Nondisp suprcndl fx w/o intrcndl extn low end unsp femr,init	S52509A	Distal Radius/Ulna	Unsp fracture of the lower end of unsp radius, init
S72451A	Distal Femur	Displ suprcndl fx w/o intrcndl extn lower end r femur, init	S52511A	Distal Radius/Ulna	Disp fx of right radial styloid process, init for clos fx
S72452A	Distal Femur	Displ suprcndl fx w/o intrcndl extn lower end l femur, init	S52512A	Distal Radius/Ulna	Disp fx of left radial styloid process, init for clos fx
S72454A	Distal Femur	Nondisp suprcndl fx w/o intrcndl extn lower end r femr, init	S52513A	Distal Radius/Ulna	Disp fx of unsp radial styloid process, init for clos fx
S72455A	Distal Femur	Nondisp suprcndl fx w/o intrcndl extn lower end l femr, init	S52514A	Distal Radius/Ulna	Nondisp fx of right radial styloid process, init for clos fx
S72461A	Distal Femur	Displ suprcndl fx w intrcndl extn lower end of r femur, init	S52515A	Distal Radius/Ulna	Nondisp fx of left radial styloid process, init for clos fx
S72462A	Distal Femur	Displ suprcndl fx w intrcndl extn lower end of l femur, init	S52516A	Distal Radius/Ulna	Nondisp fx of unsp radial styloid process, init for clos fx

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S72463A	Distal Femur	Displ suprcndl fx w intrcndl extn lower end unsp femur, init	S52551A	Distal Radius/Ulna	Oth extrartic fracture of lower end of right radius, init
S72464A	Distal Femur	Nondisp suprcndl fx w intrcndl extn lower end r femur, init	S52552A	Distal Radius/Ulna	Oth extrartic fracture of lower end of left radius, init
S72465A	Distal Femur	Nondisp suprcndl fx w intrcndl extn lower end l femur, init	S52559A	Distal Radius/Ulna	Oth extrartic fracture of lower end of unsp radius, init
S72466A	Distal Femur	Nondisp suprcndl fx w intrcndl extn low end unsp femr, init	S52561A	Distal Radius/Ulna	Barton's fracture of right radius, init for clos fx
S72499A	Distal Femur	Oth fracture of lower end of unsp femur, init for clos fx	S52562A	Distal Radius/Ulna	Barton's fracture of left radius, init for clos fx
S72471A	Distal Femur	Torus fracture of lower end of right femur, init for clos fx	S52569A	Distal Radius/Ulna	Barton's fracture of unsp radius, init for clos fx
S72472A	Distal Femur	Torus fracture of lower end of left femur, init for clos fx	S52571A	Distal Radius/Ulna	Oth intartic fracture of lower end of right radius, init
S72479A	Distal Femur	Torus fracture of lower end of unsp femur, init for clos fx	S52572A	Distal Radius/Ulna	Oth intartic fracture of lower end of left radius, init
S72491A	Distal Femur	Oth fracture of lower end of right femur, init for clos fx	S52579A	Distal Radius/Ulna	Oth intartic fracture of lower end of unsp radius, init
S72492A	Distal Femur	Oth fracture of lower end of left femur, init for clos fx	S52591A	Distal Radius/Ulna	Oth fractures of lower end of right radius, init for clos fx
M84750A	Distal Femur	Atypical femoral fracture, unspecified, init	S52592A	Distal Radius/Ulna	Oth fractures of lower end of left radius, init for clos fx
M84753A	Distal Femur	Incomplete atypical femoral fracture, unspecified leg, init	S52599A	Distal Radius/Ulna	Oth fractures of lower end of unsp radius, init for clos fx
M84756A	Distal Femur	Complete transverse atyp femoral fracture, unsp leg, init	S59201A	Distal Radius/Ulna	Unsp physeal fracture of lower end radius, right arm, init
M84759A	Distal Femur	Complete oblique atypical femoral fracture, unsp leg, init	S59202A	Distal Radius/Ulna	Unsp physeal fracture of lower end of radius, left arm, init
S8253XA	Tibia/Fibula	Disp fx of medial malleolus of unsp tibia, init for clos fx	S59209A	Distal Radius/Ulna	Unsp physeal fracture of lower end of radius, unsp arm, init
S8256XA	Tibia/Fibula	Nondisp fx of medial malleolus of unsp tibia, init	S59211A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end radius, right arm, init
S8251XA	Tibia/Fibula	Disp fx of medial malleolus of right tibia, init for clos fx	S59212A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end radius, left arm, init
S8252XA	Tibia/Fibula	Disp fx of medial malleolus of left tibia, init for clos fx	S59219A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end radius, unsp arm, init
S8254XA	Tibia/Fibula	Nondisp fx of medial malleolus of right tibia, init	S59221A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end rad, right arm, init
S8255XA	Tibia/Fibula	Nondisp fx of medial malleolus of left tibia, init	S59222A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end radius, left arm, init
S82871A	Tibia/Fibula	Displaced pilon fracture of right tibia, init for clos fx	S59229A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end radius, unsp arm, init
S82872A	Tibia/Fibula	Displaced pilon fracture of left tibia, init for clos fx	S59231A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end rad, right arm, init
S82873A	Tibia/Fibula	Displaced pilon fracture of unsp tibia, init for clos fx	S59232A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end rad, left arm, init
S82874A	Tibia/Fibula	Nondisplaced pilon fracture of right tibia, init for clos fx	S59239A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end rad, unsp arm, init
S82875A	Tibia/Fibula	Nondisplaced pilon fracture of left tibia, init for clos fx	S59241A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end rad, right arm, init
S82876A	Tibia/Fibula	Nondisplaced pilon fracture of unsp tibia, init for clos fx	S59242A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end radius, left arm, init

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S8263XA	Tibia/Fibula	Disp fx of lateral malleolus of unsp fibula, init	S59249A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end radius, unsp arm, init
S8266XA	Tibia/Fibula	Nondisp fx of lateral malleolus of unsp fibula, init	S59291A	Distal Radius/Ulna	Oth physeal fracture of lower end of radius, right arm, init
S8261XA	Tibia/Fibula	Disp fx of lateral malleolus of right fibula, init	S59292A	Distal Radius/Ulna	Oth physeal fracture of lower end of radius, left arm, init
S8262XA	Tibia/Fibula	Disp fx of lateral malleolus of left fibula, init	S59299A	Distal Radius/Ulna	Oth physeal fracture of lower end of radius, unsp arm, init
S8264XA	Tibia/Fibula	Nondisp fx of lateral malleolus of right fibula, init	S52601A	Distal Radius/Ulna	Unsp fracture of lower end of right ulna, init for clos fx
S8265XA	Tibia/Fibula	Nondisp fx of lateral malleolus of left fibula, init	S52602A	Distal Radius/Ulna	Unsp fracture of lower end of left ulna, init for clos fx
S82843A	Tibia/Fibula	Displaced bimalleolar fracture of unsp lower leg, init	S52609A	Distal Radius/Ulna	Unsp fracture of lower end of unsp ulna, init for clos fx
S82846A	Tibia/Fibula	Nondisplaced bimalleolar fracture of unsp lower leg, init	S52611A	Distal Radius/Ulna	Disp fx of right ulna styloid process, init for clos fx
S82841A	Tibia/Fibula	Displaced bimalleolar fracture of right lower leg, init	S52612A	Distal Radius/Ulna	Disp fx of left ulna styloid process, init for clos fx
S82842A	Tibia/Fibula	Displaced bimalleolar fracture of left lower leg, init	S52613A	Distal Radius/Ulna	Disp fx of unsp ulna styloid process, init for clos fx
S82844A	Tibia/Fibula	Nondisplaced bimalleolar fracture of right lower leg, init	S52614A	Distal Radius/Ulna	Nondisp fx of right ulna styloid process, init for clos fx
S82845A	Tibia/Fibula	Nondisplaced bimalleolar fracture of left lower leg, init	S52615A	Distal Radius/Ulna	Nondisp fx of left ulna styloid process, init for clos fx
S82853A	Tibia/Fibula	Displaced trimalleolar fracture of unsp lower leg, init	S52616A	Distal Radius/Ulna	Nondisp fx of unsp ulna styloid process, init for clos fx
S82856A	Tibia/Fibula	Nondisplaced trimalleolar fracture of unsp lower leg, init	S52691A	Distal Radius/Ulna	Oth fracture of lower end of right ulna, init for clos fx
S82851A	Tibia/Fibula	Displaced trimalleolar fracture of right lower leg, init	S52692A	Distal Radius/Ulna	Oth fracture of lower end of left ulna, init for clos fx
S82852A	Tibia/Fibula	Displaced trimalleolar fracture of left lower leg, init	S52699A	Distal Radius/Ulna	Oth fracture of lower end of unsp ulna, init for clos fx
S82854A	Tibia/Fibula	Nondisplaced trimalleolar fracture of right lower leg, init	S59001A	Distal Radius/Ulna	Unsp physeal fracture of lower end of ulna, right arm, init
S82855A	Tibia/Fibula	Nondisplaced trimalleolar fracture of left lower leg, init	S59002A	Distal Radius/Ulna	Unsp physeal fracture of lower end of ulna, left arm, init
S82899A	Tibia/Fibula	Oth fracture of unsp lower leg, init for clos fx	S59009A	Distal Radius/Ulna	Unsp physeal fracture of lower end of ulna, unsp arm, init
S82301A	Tibia/Fibula	Unsp fracture of lower end of right tibia, init for clos fx	S59011A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end ulna, right arm, init
S82302A	Tibia/Fibula	Unsp fracture of lower end of left tibia, init for clos fx	S59012A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end of ulna, left arm, init
S82309A	Tibia/Fibula	Unsp fracture of lower end of unsp tibia, init for clos fx	S59019A	Distal Radius/Ulna	Sltr-haris Type I physl fx lower end of ulna, unsp arm, init
S82391A	Tibia/Fibula	Oth fracture of lower end of right tibia, init for clos fx	S59021A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end ulna, right arm, init
S82392A	Tibia/Fibula	Oth fracture of lower end of left tibia, init for clos fx	S59022A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end ulna, left arm, init
S82399A	Tibia/Fibula	Oth fracture of lower end of unsp tibia, init for clos fx	S59029A	Distal Radius/Ulna	Sltr-haris Type II physl fx lower end ulna, unsp arm, init
S82891A	Tibia/Fibula	Oth fracture of right lower leg, init for clos fx	S59031A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end ulna, right arm, init

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S82892A	Tibia/Fibula	Oth fracture of left lower leg, init for clos fx	S59032A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end ulna, left arm, init
S89101A	Tibia/Fibula	Unsp physeal fracture of lower end of right tibia, init	S59039A	Distal Radius/Ulna	Sltr-haris Type III physl fx lower end ulna, unsp arm, init
S89102A	Tibia/Fibula	Unsp physeal fracture of lower end of left tibia, init	S59041A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end ulna, right arm, init
S89109A	Tibia/Fibula	Unsp physeal fracture of lower end of unsp tibia, init	S59042A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end ulna, left arm, init
S89111A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of right tibia, init	S59049A	Distal Radius/Ulna	Sltr-haris Type IV physl fx lower end ulna, unsp arm, init
S89112A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of left tibia, init	S59091A	Distal Radius/Ulna	Oth physeal fracture of lower end of ulna, right arm, init
S89119A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of unsp tibia, init	S59092A	Distal Radius/Ulna	Oth physeal fracture of lower end of ulna, left arm, init
S89121A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of right tibia, init	S59099A	Distal Radius/Ulna	Oth physeal fracture of lower end of ulna, unsp arm, init
S89122A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of left tibia, init	S52111A	Distal Radius/Ulna	Torus fracture of upper end of right radius, init
S89129A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of unsp tibia, init	S52112A	Distal Radius/Ulna	Torus fracture of upper end of left radius, init for clos fx
S89131A	Tibia/Fibula	Sltr-haris Type III physeal fx lower end of r tibia, init	S52119A	Distal Radius/Ulna	Torus fracture of upper end of unsp radius, init for clos fx
S89132A	Tibia/Fibula	Sltr-haris Type III physeal fx lower end of left tibia, init	S52521A	Distal Radius/Ulna	Torus fracture of lower end of right radius, init
S89139A	Tibia/Fibula	Sltr-haris Type III physeal fx lower end of unsp tibia, init	S52522A	Distal Radius/Ulna	Torus fracture of lower end of left radius, init for clos fx
S89141A	Tibia/Fibula	Sltr-haris Type IV physeal fx lower end of right tibia, init	S52529A	Distal Radius/Ulna	Torus fracture of lower end of unsp radius, init for clos fx
S89142A	Tibia/Fibula	Sltr-haris Type IV physeal fx lower end of left tibia, init	S52011A	Distal Radius/Ulna	Torus fracture of upper end of right ulna, init for clos fx
S89149A	Tibia/Fibula	Sltr-haris Type IV physeal fx lower end of unsp tibia, init	S52012A	Distal Radius/Ulna	Torus fracture of upper end of left ulna, init for clos fx
S89191A	Tibia/Fibula	Oth physeal fracture of lower end of right tibia, init	S52019A	Distal Radius/Ulna	Torus fracture of upper end of unsp ulna, init for clos fx
S89192A	Tibia/Fibula	Oth physeal fracture of lower end of left tibia, init	S52621A	Distal Radius/Ulna	Torus fracture of lower end of right ulna, init for clos fx
S89199A	Tibia/Fibula	Oth physeal fracture of lower end of unsp tibia, init	S52622A	Distal Radius/Ulna	Torus fracture of lower end of left ulna, init for clos fx
S89301A	Tibia/Fibula	Unsp physeal fracture of lower end of right fibula, init	S52629A	Distal Radius/Ulna	Torus fracture of lower end of unsp ulna, init for clos fx
S89302A	Tibia/Fibula	Unsp physeal fracture of lower end of left fibula, init	S5290XB	Distal Radius/Ulna	Unsp fracture of unsp forearm, init for opn fx type I/2
S89309A	Tibia/Fibula	Unsp physeal fracture of lower end of unsp fibula, init	S5290XC	Distal Radius/Ulna	Unsp fracture of unsp forearm, init for opn fx type 3A/B/C
S89311A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of r fibula, init	S52531B	Distal Radius/Ulna	Colles' fracture of right radius, init for opn fx type I/2
S89312A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of left fibula, init	S52531C	Distal Radius/Ulna	Colles' fracture of r radius, init for opn fx type 3A/B/C
S89319A	Tibia/Fibula	Sltr-haris Type I physeal fx lower end of unsp fibula, init	S52532B	Distal Radius/Ulna	Colles' fracture of left radius, init for opn fx type I/2
S89321A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of r fibula, init	S52532C	Distal Radius/Ulna	Colles' fracture of left radius, init for opn fx type 3A/B/C

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S89322A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of left fibula, init	S52539B	Distal Radius/Ulna	Colles' fracture of unsp radius, init for opn fx type I/2
S89329A	Tibia/Fibula	Sltr-haris Type II physeal fx lower end of unsp fibula, init	S52539C	Distal Radius/Ulna	Colles' fracture of unsp radius, init for opn fx type 3A/B/C
S89391A	Tibia/Fibula	Oth physeal fracture of lower end of right fibula, init	S52501B	Distal Radius/Ulna	Unsp fx the lower end of r radius, init for opn fx type I/2
S89392A	Tibia/Fibula	Oth physeal fracture of lower end of left fibula, init	S52501C	Distal Radius/Ulna	Unsp fx the lower end r radius, init for opn fx type 3A/B/C
S89399A	Tibia/Fibula	Oth physeal fracture of lower end of unsp fibula, init	S52502B	Distal Radius/Ulna	Unsp fx the lower end left radius, init for opn fx type I/2
M84469A	Tibia/Fibula	Pathological fracture, unsp tibia and fibula, init for fx	S52502C	Distal Radius/Ulna	Unsp fx the lower end left rad, init for opn fx type 3A/B/C
M80061A	Tibia/Fibula	Age-rel osteopor w current path fracture, r low leg, init	S52509B	Distal Radius/Ulna	Unsp fx the lower end unsp radius, init for opn fx type I/2
M80062A	Tibia/Fibula	Age-rel osteopor w current path fracture, l low leg, init	S52509C	Distal Radius/Ulna	Unsp fx the lower end unsp rad, init for opn fx type 3A/B/C
M80069A	Tibia/Fibula	Age-rel osteopor w current path fracture, unsp low leg, init	S52511B	Distal Radius/Ulna	Disp fx of r radial styloid pro, init for opn fx type I/2
M80071A	Tibia/Fibula	Age-rel osteopor w current path fracture, right ank/ft, init	S52511C	Distal Radius/Ulna	Disp fx of r radial styloid pro, init for opn fx type 3A/B/C
M80072A	Tibia/Fibula	Age-rel osteopor w current path fracture, left ank/ft, init	S52512B	Distal Radius/Ulna	Disp fx of left radial styloid pro, init for opn fx type I/2
M80079A	Tibia/Fibula	Age-rel osteopor w current path fracture, unsp ank/ft, init	S52512C	Distal Radius/Ulna	Disp fx of l radial styloid pro, init for opn fx type 3A/B/C
M80861A	Tibia/Fibula	Oth osteopor w current path fracture, r low leg, init	S52513B	Distal Radius/Ulna	Disp fx of unsp radial styloid pro, init for opn fx type I/2
M80862A	Tibia/Fibula	Oth osteopor w current path fracture, l low leg, init	S52513C	Distal Radius/Ulna	Disp fx of unsp radial styloid pro, 7thC
M80869A	Tibia/Fibula	Oth osteopor w current path fracture, unsp lower leg, init	S52514B	Distal Radius/Ulna	Nondisp fx of r radial styloid pro, init for opn fx type I/2
M80871A	Tibia/Fibula	Oth osteopor w current path fracture, right ank/ft, init	S52514C	Distal Radius/Ulna	Nondisp fx of r radial styloid pro, 7thC
M80872A	Tibia/Fibula	Oth osteopor w current path fracture, left ank/ft, init	S52515B	Distal Radius/Ulna	Nondisp fx of l radial styloid pro, init for opn fx type I/2
M80879A	Tibia/Fibula	Oth osteopor w current path fracture, unsp ank/ft, init	S52515C	Distal Radius/Ulna	Nondisp fx of l radial styloid pro, 7thC
M84461A	Tibia/Fibula	Pathological fracture, right tibia, init encntr for fracture	S52516B	Distal Radius/Ulna	Nondisp fx of unsp radial styloid pro, 7thB
M84462A	Tibia/Fibula	Pathological fracture, left tibia, init encntr for fracture	S52516C	Distal Radius/Ulna	Nondisp fx of unsp radial styloid pro, 7thC
M84463A	Tibia/Fibula	Pathological fracture, right fibula, init for fx	S52541B	Distal Radius/Ulna	Smith's fracture of right radius, init for opn fx type I/2
M84464A	Tibia/Fibula	Pathological fracture, left fibula, init encntr for fracture	S52541C	Distal Radius/Ulna	Smith's fracture of r radius, init for opn fx type 3A/B/C
M84471A	Tibia/Fibula	Pathological fracture, right ankle, init encntr for fracture	S52542B	Distal Radius/Ulna	Smith's fracture of left radius, init for opn fx type I/2
M84472A	Tibia/Fibula	Pathological fracture, left ankle, init encntr for fracture	S52542C	Distal Radius/Ulna	Smith's fracture of left radius, init for opn fx type 3A/B/C
M84473A	Tibia/Fibula	Pathological fracture, unsp ankle, init encntr for fracture	S52549B	Distal Radius/Ulna	Smith's fracture of unsp radius, init for opn fx type I/2
M84661A	Tibia/Fibula	Pathological fracture in oth disease, right tibia, init	S52549C	Distal Radius/Ulna	Smith's fracture of unsp radius, init for opn fx type 3A/B/C

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M84662A	Tibia/Fibula	Pathological fracture in oth disease, left tibia, init	S52551B	Distal Radius/Ulna	Oth extrartic fx lower end r rad, init for opn fx type I/2
M84663A	Tibia/Fibula	Pathological fracture in oth disease, right fibula, init	S52551C	Distal Radius/Ulna	Oth extrartic fx low end r rad, init for opn fx type 3A/B/C
M84664A	Tibia/Fibula	Pathological fracture in oth disease, left fibula, init	S52552B	Distal Radius/Ulna	Oth extrartic fx low end left rad, init for opn fx type I/2
M84669A	Tibia/Fibula	Path fracture in oth disease, unsp tibia and fibula, init	S52552C	Distal Radius/Ulna	Oth extrartic fx low end l rad, init for opn fx type 3A/B/C
M84671A	Tibia/Fibula	Pathological fracture in oth disease, right ankle, init	S52559B	Distal Radius/Ulna	Oth extrartic fx low end unsp rad, init for opn fx type I/2
M84672A	Tibia/Fibula	Pathological fracture in oth disease, left ankle, init	S52559C	Distal Radius/Ulna	Oth extrartic fx low end unsp rad, 7thC
M84673A	Tibia/Fibula	Pathological fracture in oth disease, unsp ankle, init	S52561B	Distal Radius/Ulna	Barton's fracture of right radius, init for opn fx type I/2
S82109A	Tibia/Fibula	Unsp fracture of upper end of unsp tibia, init for clos fx	S52561C	Distal Radius/Ulna	Barton's fracture of r radius, init for opn fx type 3A/B/C
S82101A	Tibia/Fibula	Unsp fracture of upper end of right tibia, init for clos fx	S52562B	Distal Radius/Ulna	Barton's fracture of left radius, init for opn fx type I/2
S82102A	Tibia/Fibula	Unsp fracture of upper end of left tibia, init for clos fx	S52562C	Distal Radius/Ulna	Barton's fx left radius, init for opn fx type 3A/B/C
S82111A	Tibia/Fibula	Disp fx of right tibial spine, init for clos fx	S52569B	Distal Radius/Ulna	Barton's fracture of unsp radius, init for opn fx type I/2
S82112A	Tibia/Fibula	Disp fx of left tibial spine, init for clos fx	S52569C	Distal Radius/Ulna	Barton's fx unsp radius, init for opn fx type 3A/B/C
S82113A	Tibia/Fibula	Disp fx of unsp tibial spine, init for clos fx	S52571B	Distal Radius/Ulna	Oth intartic fx lower end r radius, init for opn fx type I/2
S82114A	Tibia/Fibula	Nondisp fx of right tibial spine, init for clos fx	S52571C	Distal Radius/Ulna	Oth intartic fx lower end r rad, init for opn fx type 3A/B/C
S82115A	Tibia/Fibula	Nondisp fx of left tibial spine, init for clos fx	S52572B	Distal Radius/Ulna	Oth intartic fx lower end left rad, init for opn fx type I/2
S82116A	Tibia/Fibula	Nondisp fx of unsp tibial spine, init for clos fx	S52572C	Distal Radius/Ulna	Oth intartic fx low end l rad, init for opn fx type 3A/B/C
S82121A	Tibia/Fibula	Disp fx of lateral condyle of right tibia, init for clos fx	S52579B	Distal Radius/Ulna	Oth intartic fx lower end unsp rad, init for opn fx type I/2
S82122A	Tibia/Fibula	Disp fx of lateral condyle of left tibia, init for clos fx	S52579C	Distal Radius/Ulna	Oth intartic fx low end unsp rad, 7thC
S82123A	Tibia/Fibula	Disp fx of lateral condyle of unsp tibia, init for clos fx	S52591B	Distal Radius/Ulna	Oth fx of lower end of r radius, init for opn fx type I/2
S82124A	Tibia/Fibula	Nondisp fx of lateral condyle of right tibia, init	S52591C	Distal Radius/Ulna	Oth fx of lower end of r radius, init for opn fx type 3A/B/C
S82125A	Tibia/Fibula	Nondisp fx of lateral condyle of left tibia, init	S52592B	Distal Radius/Ulna	Oth fx of lower end of left radius, init for opn fx type I/2
S82126A	Tibia/Fibula	Nondisp fx of lateral condyle of unsp tibia, init	S52592C	Distal Radius/Ulna	Oth fx of lower end left radius, init for opn fx type 3A/B/C
S82131A	Tibia/Fibula	Disp fx of medial condyle of right tibia, init for clos fx	S52599B	Distal Radius/Ulna	Oth fx of lower end of unsp radius, init for opn fx type I/2
S82132A	Tibia/Fibula	Disp fx of medial condyle of left tibia, init for clos fx	S52599C	Distal Radius/Ulna	Oth fx of lower end unsp radius, init for opn fx type 3A/B/C
S82133A	Tibia/Fibula	Disp fx of medial condyle of unsp tibia, init for clos fx	S52601B	Distal Radius/Ulna	Unsp fx lower end of right ulna, init for opn fx type I/2
S82134A	Tibia/Fibula	Nondisp fx of medial condyle of right tibia, init	S52601C	Distal Radius/Ulna	Unsp fx lower end of right ulna, init for opn fx type 3A/B/C

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S82135A	Tibia/Fibula	Nondisp fx of medial condyle of left tibia, init for clos fx	S52602B	Distal Radius/Ulna	Unsp fx lower end of left ulna, init for opn fx type I/2
S82136A	Tibia/Fibula	Nondisp fx of medial condyle of unsp tibia, init for clos fx	S52602C	Distal Radius/Ulna	Unsp fx lower end of left ulna, init for opn fx type 3A/B/C
S82141A	Tibia/Fibula	Displaced bicondylar fracture of right tibia, init	S52609B	Distal Radius/Ulna	Unsp fx lower end of unsp ulna, init for opn fx type I/2
S82142A	Tibia/Fibula	Displaced bicondylar fracture of left tibia, init	S52609C	Distal Radius/Ulna	Unsp fx lower end of unsp ulna, init for opn fx type 3A/B/C
S82143A	Tibia/Fibula	Displaced bicondylar fracture of unsp tibia, init	S52611B	Distal Radius/Ulna	Disp fx of r ulna styloid process, init for opn fx type I/2
S82144A	Tibia/Fibula	Nondisplaced bicondylar fracture of right tibia, init	S52611C	Distal Radius/Ulna	Disp fx of r ulna styloid pro, init for opn fx type 3A/B/C
S82145A	Tibia/Fibula	Nondisplaced bicondylar fracture of left tibia, init	S52612B	Distal Radius/Ulna	Disp fx of l ulna styloid process, init for opn fx type I/2
S82146A	Tibia/Fibula	Nondisplaced bicondylar fracture of unsp tibia, init	S52612C	Distal Radius/Ulna	Disp fx of l ulna styloid pro, init for opn fx type 3A/B/C
S82151A	Tibia/Fibula	Disp fx of right tibial tuberosity, init for clos fx	S52613B	Distal Radius/Ulna	Disp fx of unsp ulna styloid pro, init for opn fx type I/2
S82152A	Tibia/Fibula	Disp fx of left tibial tuberosity, init for clos fx	S52613C	Distal Radius/Ulna	Disp fx of unsp ulna styloid pro, 7thC
S82153A	Tibia/Fibula	Disp fx of unsp tibial tuberosity, init for clos fx	S52614B	Distal Radius/Ulna	Nondisp fx of r ulna styloid pro, init for opn fx type I/2
S82154A	Tibia/Fibula	Nondisp fx of right tibial tuberosity, init for clos fx	S52614C	Distal Radius/Ulna	Nondisp fx of r ulna styloid pro, 7thC
S82155A	Tibia/Fibula	Nondisp fx of left tibial tuberosity, init for clos fx	S52615B	Distal Radius/Ulna	Nondisp fx of l ulna styloid pro, init for opn fx type I/2
S82156A	Tibia/Fibula	Nondisp fx of unsp tibial tuberosity, init for clos fx	S52615C	Distal Radius/Ulna	Nondisp fx of l ulna styloid pro, 7thC
S82191A	Tibia/Fibula	Oth fracture of upper end of right tibia, init for clos fx	S52616B	Distal Radius/Ulna	Nondisp fx of unsp ulna styloid pro, 7thB
S82192A	Tibia/Fibula	Oth fracture of upper end of left tibia, init for clos fx	S52616C	Distal Radius/Ulna	Nondisp fx of unsp ulna styloid pro, 7thC
S82199A	Tibia/Fibula	Oth fracture of upper end of unsp tibia, init for clos fx	S52691B	Distal Radius/Ulna	Oth fx lower end of right ulna, init for opn fx type I/2
S89001A	Tibia/Fibula	Unsp physeal fracture of upper end of right tibia, init	S52691C	Distal Radius/Ulna	Oth fx lower end of right ulna, init for opn fx type 3A/B/C
S89002A	Tibia/Fibula	Unsp physeal fracture of upper end of left tibia, init	S52692B	Distal Radius/Ulna	Oth fx lower end of left ulna, init for opn fx type I/2
S89009A	Tibia/Fibula	Unsp physeal fracture of upper end of unsp tibia, init	S52692C	Distal Radius/Ulna	Oth fx lower end of left ulna, init for opn fx type 3A/B/C
S89011A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of right tibia, init	S52699B	Distal Radius/Ulna	Oth fx lower end of unsp ulna, init for opn fx type I/2
S89012A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of left tibia, init	S52699C	Distal Radius/Ulna	Oth fx lower end of unsp ulna, init for opn fx type 3A/B/C
S89019A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of unsp tibia, init	M84639A	Distal Radius/Ulna	Path fracture in oth disease, unsp ulna and radius, init
S89021A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of right tibia, init	S2239XA	Rib	Fracture of one rib, unsp side, init for clos fx
S89022A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of left tibia, init	S2231XA	Rib	Fracture of one rib, right side, init for clos fx
S89029A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of unsp tibia, init	S2232XA	Rib	Fracture of one rib, left side, init for clos fx

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S89031A	Tibia/Fibula	Sltr-haris Type III physeal fx upper end of r tibia, init	S2241XA	Rib	Multiple fractures of ribs, right side, init for clos fx
S89032A	Tibia/Fibula	Sltr-haris Type III physeal fx upper end of left tibia, init	S2242XA	Rib	Multiple fractures of ribs, left side, init for clos fx
S89039A	Tibia/Fibula	Sltr-haris Type III physeal fx upper end of unsp tibia, init	S2243XA	Rib	Multiple fractures of ribs, bilateral, init for clos fx
S89041A	Tibia/Fibula	Sltr-haris Type IV physeal fx upper end of right tibia, init	S2249XA	Rib	Multiple fractures of ribs, unsp side, init for clos fx
S89042A	Tibia/Fibula	Sltr-haris Type IV physeal fx upper end of left tibia, init	S42031A	Clavicle	Disp fx of lateral end of right clavicle, init for clos fx
S89049A	Tibia/Fibula	Sltr-haris Type IV physeal fx upper end of unsp tibia, init	S42032A	Clavicle	Disp fx of lateral end of left clavicle, init for clos fx
S89091A	Tibia/Fibula	Oth physeal fracture of upper end of right tibia, init	S42033A	Clavicle	Disp fx of lateral end of unsp clavicle, init for clos fx
S89092A	Tibia/Fibula	Oth physeal fracture of upper end of left tibia, init	S42034A	Clavicle	Nondisp fx of lateral end of right clavicle, init
S89099A	Tibia/Fibula	Oth physeal fracture of upper end of unsp tibia, init	S42035A	Clavicle	Nondisp fx of lateral end of left clavicle, init for clos fx
S82839A	Tibia/Fibula	Oth fracture of upper and lower end of unsp fibula, init	S42036A	Clavicle	Nondisp fx of lateral end of unsp clavicle, init for clos fx
S82831A	Tibia/Fibula	Oth fracture of upper and lower end of right fibula, init	S42021A	Clavicle	Disp fx of shaft of right clavicle, init for clos fx
S82832A	Tibia/Fibula	Oth fracture of upper and lower end of left fibula, init	S42022A	Clavicle	Disp fx of shaft of left clavicle, init for clos fx
S89201A	Tibia/Fibula	Unsp physeal fracture of upper end of right fibula, init	S42023A	Clavicle	Disp fx of shaft of unsp clavicle, init for clos fx
S89202A	Tibia/Fibula	Unsp physeal fracture of upper end of left fibula, init	S42024A	Clavicle	Nondisp fx of shaft of right clavicle, init for clos fx
S89209A	Tibia/Fibula	Unsp physeal fracture of upper end of unsp fibula, init	S42025A	Clavicle	Nondisp fx of shaft of left clavicle, init for clos fx
S89211A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of r fibula, init	S42026A	Clavicle	Nondisp fx of shaft of unsp clavicle, init for clos fx
S89212A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of left fibula, init	S42011A	Clavicle	Anterior disp fx of sternal end of right clavicle, init
S89219A	Tibia/Fibula	Sltr-haris Type I physeal fx upper end of unsp fibula, init	S42012A	Clavicle	Anterior disp fx of sternal end of left clavicle, init
S89221A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of r fibula, init	S42013A	Clavicle	Anterior disp fx of sternal end of unsp clavicle, init
S89222A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of left fibula, init	S42014A	Clavicle	Posterior disp fx of sternal end of right clavicle, init
S89229A	Tibia/Fibula	Sltr-haris Type II physeal fx upper end of unsp fibula, init	S42015A	Clavicle	Posterior disp fx of sternal end of left clavicle, init
S89291A	Tibia/Fibula	Oth physeal fracture of upper end of right fibula, init	S42016A	Clavicle	Posterior disp fx of sternal end of unsp clavicle, init
S89292A	Tibia/Fibula	Oth physeal fracture of upper end of left fibula, init	S42017A	Clavicle	Nondisp fx of sternal end of right clavicle, init
S89299A	Tibia/Fibula	Oth physeal fracture of upper end of unsp fibula, init	S42018A	Clavicle	Nondisp fx of sternal end of left clavicle, init for clos fx
S82209A	Tibia/Fibula	Unsp fracture of shaft of unsp tibia, init for clos fx	S42019A	Clavicle	Nondisp fx of sternal end of unsp clavicle, init for clos fx
S82201A	Tibia/Fibula	Unsp fracture of shaft of right tibia, init for clos fx	S42001A	Clavicle	Fracture of unsp part of right clavicle, init for clos fx

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S82202A	Tibia/Fibula	Unsp fracture of shaft of left tibia, init for clos fx	S42002A	Clavicle	Fracture of unsp part of left clavicle, init for clos fx
S82221A	Tibia/Fibula	Displaced transverse fracture of shaft of right tibia, init	S42009A	Clavicle	Fracture of unsp part of unsp clavicle, init for clos fx
S82222A	Tibia/Fibula	Displaced transverse fracture of shaft of left tibia, init	S22009A	Spine	Unsp fracture of unsp thoracic vertebra, init for clos fx
S82223A	Tibia/Fibula	Displaced transverse fracture of shaft of unsp tibia, init	S22000A	Spine	Wedge compression fracture of unsp thoracic vertebra, init
S82224A	Tibia/Fibula	Nondisp transverse fracture of shaft of right tibia, init	S22001A	Spine	Stable burst fracture of unsp thoracic vertebra, init
S82225A	Tibia/Fibula	Nondisp transverse fracture of shaft of left tibia, init	S22002A	Spine	Unstable burst fracture of unsp thoracic vertebra, init
S82226A	Tibia/Fibula	Nondisp transverse fracture of shaft of unsp tibia, init	S22008A	Spine	Oth fracture of unsp thoracic vertebra, init for clos fx
S82231A	Tibia/Fibula	Displaced oblique fracture of shaft of right tibia, init	S22010A	Spine	Wedge compression fracture of first thoracic vertebra, init
S82232A	Tibia/Fibula	Displaced oblique fracture of shaft of left tibia, init	S22011A	Spine	Stable burst fracture of first thoracic vertebra, init
S82233A	Tibia/Fibula	Displaced oblique fracture of shaft of unsp tibia, init	S22012A	Spine	Unstable burst fracture of first thoracic vertebra, init
S82234A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of right tibia, init	S22018A	Spine	Oth fracture of first thoracic vertebra, init for clos fx
S82235A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of left tibia, init	S22019A	Spine	Unsp fracture of first thoracic vertebra, init for clos fx
S82236A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of unsp tibia, init	S22020A	Spine	Wedge compression fracture of second thoracic vertebra, init
S82241A	Tibia/Fibula	Displaced spiral fracture of shaft of right tibia, init	S22021A	Spine	Stable burst fracture of second thoracic vertebra, init
S82242A	Tibia/Fibula	Displaced spiral fracture of shaft of left tibia, init	S22022A	Spine	Unstable burst fracture of second thoracic vertebra, init
S82243A	Tibia/Fibula	Displaced spiral fracture of shaft of unsp tibia, init	S22028A	Spine	Oth fracture of second thoracic vertebra, init for clos fx
S82244A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of right tibia, init	S22029A	Spine	Unsp fracture of second thoracic vertebra, init for clos fx
S82245A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of left tibia, init	S22030A	Spine	Wedge compression fracture of third thoracic vertebra, init
S82246A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of unsp tibia, init	S22031A	Spine	Stable burst fracture of third thoracic vertebra, init
S82251A	Tibia/Fibula	Displaced comminuted fracture of shaft of right tibia, init	S22032A	Spine	Unstable burst fracture of third thoracic vertebra, init
S82252A	Tibia/Fibula	Displaced comminuted fracture of shaft of left tibia, init	S22038A	Spine	Oth fracture of third thoracic vertebra, init for clos fx
S82253A	Tibia/Fibula	Displaced comminuted fracture of shaft of unsp tibia, init	S22039A	Spine	Unsp fracture of third thoracic vertebra, init for clos fx
S82254A	Tibia/Fibula	Nondisp comminuted fracture of shaft of right tibia, init	S22040A	Spine	Wedge compression fracture of fourth thoracic vertebra, init
S82255A	Tibia/Fibula	Nondisp comminuted fracture of shaft of left tibia, init	S22041A	Spine	Stable burst fracture of fourth thoracic vertebra, init
S82256A	Tibia/Fibula	Nondisp comminuted fracture of shaft of unsp tibia, init	S22042A	Spine	Unstable burst fracture of fourth thoracic vertebra, init
S82261A	Tibia/Fibula	Displaced segmental fracture of shaft of right tibia, init	S22048A	Spine	Oth fracture of fourth thoracic vertebra, init for clos fx

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S82262A	Tibia/Fibula	Displaced segmental fracture of shaft of left tibia, init	S22049A	Spine	Unsp fracture of fourth thoracic vertebra, init for clos fx
S82263A	Tibia/Fibula	Displaced segmental fracture of shaft of unsp tibia, init	S22050A	Spine	Wedge compression fracture of T5-T6 vertebra, init
S82264A	Tibia/Fibula	Nondisp segmental fracture of shaft of right tibia, init	S22051A	Spine	Stable burst fracture of T5-T6 vertebra, init for clos fx
S82265A	Tibia/Fibula	Nondisplaced segmental fracture of shaft of left tibia, init	S22052A	Spine	Unstable burst fracture of T5-T6 vertebra, init for clos fx
S82266A	Tibia/Fibula	Nondisplaced segmental fracture of shaft of unsp tibia, init	S22058A	Spine	Oth fracture of T5-T6 vertebra, init for clos fx
S82291A	Tibia/Fibula	Oth fracture of shaft of right tibia, init for clos fx	S22059A	Spine	Unsp fracture of T5-T6 vertebra, init for clos fx
S82292A	Tibia/Fibula	Oth fracture of shaft of left tibia, init for clos fx	S22060A	Spine	Wedge compression fracture of T7-T8 vertebra, init
S82409A	Tibia/Fibula	Unsp fracture of shaft of unsp fibula, init for clos fx	S22061A	Spine	Stable burst fracture of T7-T8 vertebra, init for clos fx
S82401A	Tibia/Fibula	Unsp fracture of shaft of right fibula, init for clos fx	S22062A	Spine	Unstable burst fracture of T7-T8 vertebra, init for clos fx
S82402A	Tibia/Fibula	Unsp fracture of shaft of left fibula, init for clos fx	S22068A	Spine	Oth fracture of T7-T8 thoracic vertebra, init for clos fx
S82421A	Tibia/Fibula	Displaced transverse fracture of shaft of right fibula, init	S22069A	Spine	Unsp fracture of T7-T8 vertebra, init for clos fx
S82422A	Tibia/Fibula	Displaced transverse fracture of shaft of left fibula, init	S22070A	Spine	Wedge compression fracture of T9-T10 vertebra, init
S82423A	Tibia/Fibula	Displaced transverse fracture of shaft of unsp fibula, init	S22071A	Spine	Stable burst fracture of T9-T10 vertebra, init for clos fx
S82424A	Tibia/Fibula	Nondisp transverse fracture of shaft of right fibula, init	S22072A	Spine	Unstable burst fracture of T9-T10 vertebra, init for clos fx
S82425A	Tibia/Fibula	Nondisp transverse fracture of shaft of left fibula, init	S22078A	Spine	Oth fracture of T9-T10 vertebra, init for clos fx
S82426A	Tibia/Fibula	Nondisp transverse fracture of shaft of unsp fibula, init	S22079A	Spine	Unsp fracture of T9-T10 vertebra, init for clos fx
S82431A	Tibia/Fibula	Displaced oblique fracture of shaft of right fibula, init	S22080A	Spine	Wedge compression fracture of T11-T12 vertebra, init
S82432A	Tibia/Fibula	Displaced oblique fracture of shaft of left fibula, init	S22081A	Spine	Stable burst fracture of T11-T12 vertebra, init for clos fx
S82433A	Tibia/Fibula	Displaced oblique fracture of shaft of unsp fibula, init	S22082A	Spine	Unstable burst fracture of T11-T12 vertebra, init
S82434A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of right fibula, init	S22088A	Spine	Oth fracture of T11-T12 vertebra, init for clos fx
S82435A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of left fibula, init	S32009A	Spine	Unsp fracture of unsp lumbar vertebra, init for clos fx
S82436A	Tibia/Fibula	Nondisplaced oblique fracture of shaft of unsp fibula, init	S32000A	Spine	Wedge compression fracture of unsp lumbar vertebra, init
S82441A	Tibia/Fibula	Displaced spiral fracture of shaft of right fibula, init	S32001A	Spine	Stable burst fracture of unsp lumbar vertebra, init
S82442A	Tibia/Fibula	Displaced spiral fracture of shaft of left fibula, init	S32002A	Spine	Unstable burst fracture of unsp lumbar vertebra, init
S82443A	Tibia/Fibula	Displaced spiral fracture of shaft of unsp fibula, init	S32008A	Spine	Oth fracture of unsp lumbar vertebra, init for clos fx
S82444A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of right fibula, init	S32010A	Spine	Wedge compression fracture of first lumbar vertebra, init

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S82445A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of left fibula, init	S32011A	Spine	Stable burst fracture of first lumbar vertebra, init
S82446A	Tibia/Fibula	Nondisplaced spiral fracture of shaft of unsp fibula, init	S32012A	Spine	Unstable burst fracture of first lumbar vertebra, init
S82451A	Tibia/Fibula	Displaced comminuted fracture of shaft of right fibula, init	S32018A	Spine	Oth fracture of first lumbar vertebra, init for clos fx
S82452A	Tibia/Fibula	Displaced comminuted fracture of shaft of left fibula, init	S32019A	Spine	Unsp fracture of first lumbar vertebra, init for clos fx
S82453A	Tibia/Fibula	Displaced comminuted fracture of shaft of unsp fibula, init	S32020A	Spine	Wedge compression fracture of second lumbar vertebra, init
S82454A	Tibia/Fibula	Nondisp comminuted fracture of shaft of right fibula, init	S32021A	Spine	Stable burst fracture of second lumbar vertebra, init
S82455A	Tibia/Fibula	Nondisp comminuted fracture of shaft of left fibula, init	S32022A	Spine	Unstable burst fracture of second lumbar vertebra, init
S82456A	Tibia/Fibula	Nondisp comminuted fracture of shaft of unsp fibula, init	S32028A	Spine	Oth fracture of second lumbar vertebra, init for clos fx
S82461A	Tibia/Fibula	Displaced segmental fracture of shaft of right fibula, init	S32029A	Spine	Unsp fracture of second lumbar vertebra, init for clos fx
S82462A	Tibia/Fibula	Displaced segmental fracture of shaft of left fibula, init	S32030A	Spine	Wedge compression fracture of third lumbar vertebra, init
S82463A	Tibia/Fibula	Displaced segmental fracture of shaft of unsp fibula, init	S32031A	Spine	Stable burst fracture of third lumbar vertebra, init
S82464A	Tibia/Fibula	Nondisp segmental fracture of shaft of right fibula, init	S32032A	Spine	Unstable burst fracture of third lumbar vertebra, init
S82465A	Tibia/Fibula	Nondisp segmental fracture of shaft of left fibula, init	S32038A	Spine	Oth fracture of third lumbar vertebra, init for clos fx
S82466A	Tibia/Fibula	Nondisp segmental fracture of shaft of unsp fibula, init	S32039A	Spine	Unsp fracture of third lumbar vertebra, init for clos fx
S82491A	Tibia/Fibula	Oth fracture of shaft of right fibula, init for clos fx	S32040A	Spine	Wedge compression fracture of fourth lumbar vertebra, init
S82492A	Tibia/Fibula	Oth fracture of shaft of left fibula, init for clos fx	S32041A	Spine	Stable burst fracture of fourth lumbar vertebra, init
S82499A	Tibia/Fibula	Oth fracture of shaft of unsp fibula, init for clos fx	S32042A	Spine	Unstable burst fracture of fourth lumbar vertebra, init
S82861A	Tibia/Fibula	Displaced Maisonneuve's fracture of right leg, init	S32048A	Spine	Oth fracture of fourth lumbar vertebra, init for clos fx
S82862A	Tibia/Fibula	Displaced Maisonneuve's fracture of left leg, init	S32049A	Spine	Unsp fracture of fourth lumbar vertebra, init for clos fx
S82863A	Tibia/Fibula	Displaced Maisonneuve's fracture of unsp leg, init	S32050A	Spine	Wedge compression fracture of fifth lumbar vertebra, init
S82864A	Tibia/Fibula	Nondisplaced Maisonneuve's fracture of right leg, init	S32051A	Spine	Stable burst fracture of fifth lumbar vertebra, init
S82865A	Tibia/Fibula	Nondisplaced Maisonneuve's fracture of left leg, init	S32052A	Spine	Unstable burst fracture of fifth lumbar vertebra, init
S82866A	Tibia/Fibula	Nondisplaced Maisonneuve's fracture of unsp leg, init	S32058A	Spine	Oth fracture of fifth lumbar vertebra, init for clos fx
S82299A	Tibia/Fibula	Oth fracture of shaft of unsp tibia, init for clos fx	S32059A	Spine	Unsp fracture of fifth lumbar vertebra, init for clos fx
M84429A	Humerus	Pathological fracture, unsp humerus, init for fx	S129XXA	Spine	Fracture of neck, unspecified, initial encounter
M80021A	Humerus	Age-rel osteopor w current path fracture, r humerus, init	S3210XA	Spine	Unsp fracture of sacrum, init encntr for closed fracture
M80022A	Humerus	Age-rel osteopor w current path fracture, l	S322XXA	Spine	Fracture of coccyx, initial encounter for closed

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
		humerus, init			fracture
M80029A	Humerus	Age-rel osteopor w current path fracture, unsp humerus, init	M4850XA	Spine	Collapsed vertebra, NEC, site unsp, init
M80821A	Humerus	Oth osteopor w current path fracture, r humerus, init	M8008XA	Spine	Age-rel osteopor w current path fracture, vertebra(e), init
M80822A	Humerus	Oth osteopor w current path fracture, l humerus, init	M8448XA	Spine	Pathological fracture, other site, init enctr for fracture
M80829A	Humerus	Oth osteopor w current path fracture, unsp humerus, init	M8468XA	Spine	Pathological fracture in oth disease, oth site, init for fx
M84421A	Humerus	Pathological fracture, right humerus, init for fx	M4851XA	Spine	Collapsed vertebra, NEC, occipito-atlanto-axial region, init
M84422A	Humerus	Pathological fracture, left humerus, init for fx	M4852XA	Spine	Collapsed vertebra, NEC, cervical region, init
M84621A	Humerus	Pathological fracture in oth disease, right humerus, init	M4853XA	Spine	Collapsed vertebra, NEC, cervicothoracic region, init
M84622A	Humerus	Pathological fracture in oth disease, left humerus, init	M4854XA	Spine	Collapsed vertebra, NEC, thoracic region, init
M84629A	Humerus	Pathological fracture in oth disease, unsp humerus, init	M4855XA	Spine	Collapsed vertebra, NEC, thoracolumbar region, init
S42209A	Humerus	Unsp fracture of upper end of unsp humerus, init for clos fx	M4856XA	Spine	Collapsed vertebra, NEC, lumbar region, init
S42201A	Humerus	Unsp fracture of upper end of right humerus, init	M4857XA	Spine	Collapsed vertebra, NEC, lumbosacral region, init
S42202A	Humerus	Unsp fracture of upper end of left humerus, init for clos fx	M4858XA	Spine	Collapsed vertebra, NEC, sacr/sacrocygl region, init
S42213A	Humerus	Unsp disp fx of surgical neck of unsp humerus, init	M8088XA	Spine	Oth osteopor w current path fracture, vertebra(e), init
S42216A	Humerus	Unsp nondisp fx of surgical neck of unsp humerus, init	S12000A	Spine	Unsp disp fx of first cervical vertebra, init for clos fx
S42211A	Humerus	Unsp disp fx of surgical neck of right humerus, init	S12001A	Spine	Unsp nondisp fx of first cervical vertebra, init for clos fx
S42212A	Humerus	Unsp disp fx of surgical neck of left humerus, init	S1201XA	Spine	Stable burst fracture of first cervical vertebra, init
S42214A	Humerus	Unsp nondisp fx of surgical neck of right humerus, init	S1202XA	Spine	Unstable burst fracture of first cervical vertebra, init
S42215A	Humerus	Unsp nondisp fx of surgical neck of left humerus, init	S12030A	Spine	Displaced posterior arch fx first cervical vertebra, init
S42221A	Humerus	2-part disp fx of surgical neck of right humerus, init	S12031A	Spine	Nondisp posterior arch fx first cervical vertebra, init
S42222A	Humerus	2-part disp fx of surgical neck of left humerus, init	S12040A	Spine	Displaced lateral mass fx first cervical vertebra, init
S42223A	Humerus	2-part disp fx of surgical neck of unsp humerus, init	S12041A	Spine	Nondisp lateral mass fx first cervical vertebra, init
S42224A	Humerus	2-part nondisp fx of surgical neck of right humerus, init	S12090A	Spine	Oth disp fx of first cervical vertebra, init for clos fx
S42225A	Humerus	2-part nondisp fx of surgical neck of left humerus, init	S12091A	Spine	Oth nondisp fx of first cervical vertebra, init for clos fx
S42226A	Humerus	2-part nondisp fx of surgical neck of unsp humerus, init	S12100A	Spine	Unsp disp fx of second cervical vertebra, init for clos fx
S42231A	Humerus	3-part fracture of surgical neck of right humerus, init	S12101A	Spine	Unsp nondisp fx of second cervical vertebra, init
S42232A	Humerus	3-part fracture of surgical neck of left humerus, init	S12110A	Spine	Anterior displaced Type II dens fracture, init for clos fx

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S42239A	Humerus	3-part fracture of surgical neck of unsp humerus, init	S12111A	Spine	Posterior displaced Type II dens fracture, init for clos fx
S42241A	Humerus	4-part fracture of surgical neck of right humerus, init	S12112A	Spine	Nondisplaced Type II dens fracture, init for clos fx
S42242A	Humerus	4-part fracture of surgical neck of left humerus, init	S12120A	Spine	Oth displaced dens fracture, init encntr for closed fracture
S42249A	Humerus	4-part fracture of surgical neck of unsp humerus, init	S12121A	Spine	Oth nondisplaced dens fracture, init for clos fx
S42293A	Humerus	Oth disp fx of upper end of unsp humerus, init for clos fx	S12130A	Spine	Unsp traum displ spondylolysis of second cervcal vert, init
S42295A	Humerus	Oth nondisp fx of upper end of left humerus, init	S12131A	Spine	Unsp traum nondisp spondylolysis of 2nd cervcal vert, init
S42291A	Humerus	Oth disp fx of upper end of right humerus, init for clos fx	S1214XA	Spine	Type III traum spondylolysis of second cervcal vert, init
S42292A	Humerus	Oth disp fx of upper end of left humerus, init for clos fx	S12150A	Spine	Oth traum displ spondylolysis of second cervcal vert, init
S42294A	Humerus	Oth nondisp fx of upper end of right humerus, init	S12151A	Spine	Oth traum nondisp spondylolysis of second cervcal vert, init
S42296A	Humerus	Oth nondisp fx of upper end of unsp humerus, init	S12190A	Spine	Oth disp fx of second cervical vertebra, init for clos fx
S42253A	Humerus	Disp fx of greater tuberosity of unsp humerus, init	S12191A	Spine	Oth nondisp fx of second cervical vertebra, init for clos fx
S42256A	Humerus	Nondisp fx of greater tuberosity of unsp humerus, init	S12200A	Spine	Unsp disp fx of third cervical vertebra, init for clos fx
S42251A	Humerus	Disp fx of greater tuberosity of right humerus, init	S12201A	Spine	Unsp nondisp fx of third cervical vertebra, init for clos fx
S42252A	Humerus	Disp fx of greater tuberosity of left humerus, init	S12230A	Spine	Unsp traum displ spondylolysis of third cervcal vert, init
S42254A	Humerus	Nondisp fx of greater tuberosity of right humerus, init	S12231A	Spine	Unsp traum nondisp spondylolysis of third cervcal vert, init
S42255A	Humerus	Nondisp fx of greater tuberosity of left humerus, init	S1224XA	Spine	Type III traum spondylolysis of third cervcal vertebra, init
S42261A	Humerus	Disp fx of lesser tuberosity of right humerus, init	S12250A	Spine	Oth traum displ spondylolysis of third cervcal vert, init
S42262A	Humerus	Disp fx of lesser tuberosity of left humerus, init	S12251A	Spine	Oth traum nondisp spondylolysis of third cervcal vert, init
S42263A	Humerus	Disp fx of lesser tuberosity of unsp humerus, init	S12290A	Spine	Oth disp fx of third cervical vertebra, init for clos fx
S42264A	Humerus	Nondisp fx of lesser tuberosity of right humerus, init	S12291A	Spine	Oth nondisp fx of third cervical vertebra, init for clos fx
S42265A	Humerus	Nondisp fx of lesser tuberosity of left humerus, init	S12300A	Spine	Unsp disp fx of fourth cervical vertebra, init for clos fx
S42266A	Humerus	Nondisp fx of lesser tuberosity of unsp humerus, init	S12301A	Spine	Unsp nondisp fx of fourth cervical vertebra, init
S42271A	Humerus	Torus fracture of upper end of right humerus, init	S12330A	Spine	Unsp traum displ spondylolysis of fourth cervcal vert, init
S42272A	Humerus	Torus fracture of upper end of left humerus, init	S12331A	Spine	Unsp traum nondisp spondylolysis of 4th cervcal vert, init
S42279A	Humerus	Torus fracture of upper end of unsp humerus, init	S1234XA	Spine	Type III traum spondylolysis of fourth cervcal vert, init
S49001A	Humerus	Unsp physeal fx upper end of humerus, right arm, init	S12350A	Spine	Oth traum displ spondylolysis of fourth cervcal vert, init

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S49002A	Humerus	Unsp physeal fx upper end of humerus, left arm, init	S12351A	Spine	Oth traum nondisp spondylolysis of fourth cervcal vert, init
S49009A	Humerus	Unsp physeal fx upper end of humerus, unsp arm, init	S12390A	Spine	Oth disp fx of fourth cervical vertebra, init for clos fx
S49011A	Humerus	Sltr-haris Type I physl fx upper end humer, right arm, init	S12391A	Spine	Oth nondisp fx of fourth cervical vertebra, init for clos fx
S49012A	Humerus	Sltr-haris Type I physl fx upper end humer, left arm, init	S12400A	Spine	Unsp disp fx of fifth cervical vertebra, init for clos fx
S49019A	Humerus	Sltr-haris Type I physl fx upper end humer, unsp arm, init	S12401A	Spine	Unsp nondisp fx of fifth cervical vertebra, init for clos fx
S49021A	Humerus	Sltr-haris Type II physl fx upper end humer, right arm, init	S12430A	Spine	Unsp traum displ spondylolysis of fifth cervcal vert, init
S49022A	Humerus	Sltr-haris Type II physl fx upper end humer, left arm, init	S12431A	Spine	Unsp traum nondisp spondylolysis of fifth cervcal vert, init
S49029A	Humerus	Sltr-haris Type II physl fx upper end humer, unsp arm, init	S1244XA	Spine	Type III traum spondylolysis of fifth cervcal vertebra, init
S49031A	Humerus	Sltr-haris Type III physl fx upper end humer, r arm, init	S12450A	Spine	Oth traum displ spondylolysis of fifth cervcal vert, init
S49032A	Humerus	Sltr-haris Type III physl fx upper end humer, left arm, init	S12451A	Spine	Oth traum nondisp spondylolysis of fifth cervcal vert, init
S49039A	Humerus	Sltr-haris Type III physl fx upper end humer, unsp arm, init	S12490A	Spine	Oth disp fx of fifth cervical vertebra, init for clos fx
S49041A	Humerus	Sltr-haris Type IV physl fx upper end humer, right arm, init	S12491A	Spine	Oth nondisp fx of fifth cervical vertebra, init for clos fx
S49042A	Humerus	Sltr-haris Type IV physl fx upper end humer, left arm, init	S12500A	Spine	Unsp disp fx of sixth cervical vertebra, init for clos fx
S49049A	Humerus	Sltr-haris Type IV physl fx upper end humer, unsp arm, init	S12501A	Spine	Unsp nondisp fx of sixth cervical vertebra, init for clos fx
S49091A	Humerus	Oth physeal fx upper end of humerus, right arm, init	S12530A	Spine	Unsp traum displ spondylolysis of sixth cervcal vert, init
S49092A	Humerus	Oth physeal fracture of upper end of humerus, left arm, init	S12531A	Spine	Unsp traum nondisp spondylolysis of sixth cervcal vert, init
S49099A	Humerus	Oth physeal fracture of upper end of humerus, unsp arm, init	S1254XA	Spine	Type III traum spondylolysis of sixth cervcal vertebra, init
S42309A	Humerus	Unsp fracture of shaft of humerus, unsp arm, init	S12550A	Spine	Oth traum displ spondylolysis of sixth cervcal vert, init
S42301A	Humerus	Unsp fracture of shaft of humerus, right arm, init	S12551A	Spine	Oth traum nondisp spondylolysis of sixth cervcal vert, init
S42302A	Humerus	Unsp fracture of shaft of humerus, left arm, init	S12590A	Spine	Oth disp fx of sixth cervical vertebra, init for clos fx
S4290XA	Humerus	Fracture of unsp shoulder girdle, part unsp, init	S12591A	Spine	Oth nondisp fx of sixth cervical vertebra, init for clos fx
S4291XA	Humerus	Fracture of right shoulder girdle, part unsp, init	S12600A	Spine	Unsp disp fx of seventh cervical vertebra, init for clos fx
S4292XA	Humerus	Fracture of left shoulder girdle, part unsp, init	S12601A	Spine	Unsp nondisp fx of seventh cervical vertebra, init
S42399A	Humerus	Oth fracture of shaft of unsp humerus, init for clos fx	S12630A	Spine	Unsp traum displ spondylolysis of seventh cervcal vert, init
S42311A	Humerus	Greenstick fracture of shaft of humerus, right arm, init	S12631A	Spine	Unsp traum nondisp spondylolysis of 7th cervcal vert, init
S42312A	Humerus	Greenstick fracture of shaft of humerus, left arm, init	S1264XA	Spine	Type III traum spondylolysis of seventh cervcal vert, init

ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION	ICD-10-CM CODE	FRACTURE TYPE	DESCRIPTION
S42319A	Humerus	Greenstick fracture of shaft of humerus, unsp arm, init	S12650A	Spine	Oth traum displ spondylolysis of seventh cervcal vert, init
S42321A	Humerus	Displaced transverse fx shaft of humerus, right arm, init	S12651A	Spine	Oth traum nondisp spondylolysis of 7th cervcal vert, init
S42322A	Humerus	Displaced transverse fx shaft of humerus, left arm, init	S12690A	Spine	Oth disp fx of seventh cervical vertebra, init for clos fx
S42323A	Humerus	Displaced transverse fx shaft of humerus, unsp arm, init	S12691A	Spine	Oth nondisp fx of seventh cervical vertebra, init
S42324A	Humerus	Nondisp transverse fx shaft of humerus, right arm, init	S22089A	Spine	Unsp fracture of T11-T12 vertebra, init for clos fx
S42325A	Humerus	Nondisp transverse fx shaft of humerus, left arm, init			

C-4. HIGH-IMPACT DIAGNOSIS CODES

ICD-9-CM DIAGNOSIS CODES

ICD-9-CM CODES	DESCRIPTION	ICD-9-CM CODES	DESCRIPTION
E8000-E848	Transportation-related high impact events	E9080-E9099	Natural disaster events
E8810-E8841, E8849- E8854, E8860	High fall or sport-related fall events	E916-E9172, E9174- E9176, E9179-E9269, E9280-9289	Other accidents

ICD-10-CM DIAGNOSIS CODES

ICD-10-CM CODES*	DESCRIPTION
V0100XA-V0509XA, V0510XA-V0519XA, V0590XA-V0929XA, V093XXA-V099XXA, V100XXA-V143XXA, V144XXA-V159XXA, V160XXA-V189XXA, V1900XA-V1981XA, V1988XA-V283XXA, V284XXA-V299XXA, V300XXA-V4702XD, V4711XA-V4712XD, V472XXA-V4732XD, V474XXA-V4752XD, V4761XA-V4762XD, V477XXA-V4792XD, V480XXA-V484XXA, V485XXA-V687XXA, V689XXA-V755XXA, V756XXA-V767XXA, V769XXA-V772XXA, V773XXA-V787XXA, V789XXA-V793XXA, V7940XA-V80720A, V80721A-V80919A, V80920A-V812XXA, V813XXA, V814XXA-V816XXA, V817XXA, V8181XA, V8182XA-V8189XA, V819XXA, V820XXA-V839XXA, V840XXA-V850XXA, V851XXA-V852XXA, V853XXA-V8604XD, V8609XA-V8614XD, V8619XA-V8624XD, V8629XA, V8631XA-V8634XD, V8639XA-V8644XA, V8649XA-V8654XD, V8659XA-V8664XD, V8669XA-V8672XA, V8673XA-V8674XA, V8679XA, V8691XA-V8694XD, V8699XA-V891XXA, V892XXA-V899XXA, V9000XA-V9089XA, V9100XA-V9189XA, V9200XA-V9229XA, V9300XA-V9339XA, V9340XA-V9359XA, V9360XA-V9369XA, V9380XA-V944XXA, V94810A-V949XXA, V9500XA-V9519XA, V9520XA-V9535XA, V9539XA-V959XXA, V9600XA-V969XXA, V970XXA, V971XXA, V9721XA-V9722XA, V9729XA, V9731XA-V97811A, V97818A, V9789XA, V980XXA-V99XXXD	Transportation-related high impact events
V00111A-V00158D, V00311A-V00328D, V00891A-V00898D, W001XXA-W002XXD, W03XXXA-W03XXXD, W090XXA-W098XXD, W11XXXA-W1789XD	High fall or sport-related fall events
X34XXXA-X38XXXD	Natural disaster events
T541X1A, T541X4A, T542X1A, T542X4A, T543X1A, T543X4A, T5491XA, T65821A, T65824A, T733XXA, V0001XA-V0009XD, V0509XD, V0519XD, V0929XD, V099XXD, V143XXD, V159XXD, V189XXD, V1981XD, V283XXD, V299XXD, V470XXA-V470XXD, V471XXA-V471XXD, V473XXA-V473XXD, V475XXA-V475XXD, V476XXA-V476XXD, V479XXA-V479XXD, V484XXD, V687XXD, V755XXD, V767XXD, V772XXD, V787XXD, V793XXD, V80720D, V80919D, V812XXD, V813XXD, V816XXD, V817XXD, V8181XD, V8189XD, V819XXD, V839XXD, V850XXD, V852XXD, V8629XD, V8644XD, V8672XD, V8674XD, V8679XD, V891XXD, V899XXD, V9089XD, V9189XD, V9229XD, V9339XD, V9359XD, V9369XD, V944XXD, V949XXD, V9519XD, V9535XD, V959XXD, V969XXD, V971XXD, V9722XD, V9729XD, V97811D, V97818D, V9789XD, W200XXA-W219XXD, W2202XA-W2202XD, W2203XD-W22042D, W2209XD-W504XXD, W51XXXD-W52XXXD, W60XXXA-W60XXXD, W85XXXA-W908XXD, X100XXA-X19XXXD, X3901XA-X501XXD, X52XXXA-X58XXXD	Other accidents

*Excluding subsequent encounters, which are those ICD-10-CM codes with last character "S".

C-5. OSTEOPOROSIS DIAGNOSIS CODES**ICD-9-CM DIAGNOSIS CODES**

ICD-9-CM CODE	DESCRIPTION	ICD-9-CM CODE	DESCRIPTION
73300	OSTEOPOROSIS NOS	73303	DISUSE OSTEOPOROSIS
73301	SENILE OSTEOPOROSIS	73309	OSTEOPOROSIS NEC
73302	IDIOPATHIC OSTEOPOROSIS		

ICD-10-CM DIAGNOSIS CODES

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
M810	Age-related osteoporosis w/o current pathological fracture	M816	Localized osteoporosis [Lequesne]
M818	Other osteoporosis without current pathological fracture		

C-6. CMS HIERARCHICAL CONDITION CATEGORIES (CMS-HCC)**2014 CMS-HCCs**

HCC CODE	DESCRIPTION	HCC CODE	DESCRIPTION
HCC1	HIV/AIDS	HCC82	Respirator Dependence/Tracheostomy Status
HCC2	Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock	HCC83	Respiratory Arrest
HCC6	Opportunistic Infections	HCC84	Cardio-Respiratory Failure and Shock
HCC8	Metastatic Cancer and Acute Leukemia	HCC85	Congestive Heart Failure
HCC9	Lung and Other Severe Cancers	HCC86	Acute Myocardial Infarction
HCC10	Lymphoma and Other Cancers	HCC87	Unstable Angina and Other Acute Ischemic Heart Disease
HCC11	Colorectal, Bladder, and Other Cancers	HCC88	Angina Pectoris
HCC12	Breast, Prostate, and Other Cancers and Tumors	HCC96	Specified Heart Arrhythmias
HCC17	Diabetes with Acute Complications	HCC99	Cerebral Hemorrhage
HCC18	Diabetes with Chronic Complications	HCC100	Ischemic or Unspecified Stroke
HCC19	Diabetes without Complication	HCC103	Hemiplegia/Hemiparesis
HCC21	Protein-Calorie Malnutrition	HCC104	Monoplegia, Other Paralytic Syndromes
HCC22	Morbid Obesity	HCC106	Atherosclerosis of the Extremities with Ulceration or Gangrene
HCC23	Other Significant Endocrine and Metabolic Disorders	HCC107	Vascular Disease with Complications
HCC27	End-Stage Liver Disease	HCC108	Vascular Disease
HCC28	Cirrhosis of Liver	HCC110	Cystic Fibrosis
HCC29	Chronic Hepatitis	HCC111	Chronic Obstructive Pulmonary Disease
HCC33	Intestinal Obstruction/Perforation	HCC112	Fibrosis of Lung and Other Chronic Lung Disorders
HCC34	Chronic Pancreatitis	HCC114	Aspiration and Specified Bacterial Pneumonias
HCC35	Inflammatory Bowel Disease	HCC115	Pneumococcal Pneumonia, Empyema, Lung Abscess
HCC39	Bone/Joint/Muscle Infections/Necrosis	HCC122	Proliferative Diabetic Retinopathy and Vitreous Hemorrhage

HCC CODE	DESCRIPTION	HCC CODE	DESCRIPTION
HCC40	Rheumatoid Arthritis and Inflammatory Connective Tissue Disease	HCC124	Exudative Macular Degeneration
HCC46	Severe Hematological Disorders	HCC134	Dialysis Status
HCC47	Disorders of Immunity	HCC135	Acute Renal Failure
HCC48	Coagulation Defects and Other Specified Hematological Disorders	HCC136	Chronic Kidney Disease (Stage 5)
HCC54	Drug/Alcohol Psychosis	HCC137	Chronic Kidney Disease, Severe (Stage 4)
HCC55	Drug/Alcohol Dependence	HCC157	Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone
HCC57	Schizophrenia	HCC158	Pressure Ulcer of Skin with Full Thickness Skin Loss
HCC58	Major Depressive, Bipolar, and Paranoid Disorders	HCC161	Chronic Ulcer of Skin, Except Pressure
HCC70	Quadriplegia	HCC162	Severe Skin Burn or Condition
HCC71	Paraplegia	HCC166	Severe Head Injury
HCC72	Spinal Cord Disorders/Injuries	HCC167	Major Head Injury
HCC73	Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease	HCC169	Vertebral Fractures without Spinal Cord Injury
HCC74	Cerebral Palsy	HCC170	Hip Fracture/Dislocation
HCC75	Myasthenia Gravis/Myoneural Disorders and Guillain-Barre Syndrome/Inflammatory and Toxic Neuropathy	HCC173	Traumatic Amputations and Complications
HCC76	Muscular Dystrophy	HCC176	Complications of Specified Implanted Device or Graft
HCC77	Multiple Sclerosis	HCC186	Major Organ Transplant or Replacement Status
HCC78	Parkinson's and Huntington's Diseases	HCC188	Artificial Openings for Feeding or Elimination
HCC79	Seizure Disorders and Convulsions	HCC189	Amputation Status, Lower Limb/Amputation Complications
HCC80	Coma, Brain Compression/Anoxic Damage		

Source: 2014 CMS-HCC Risk Adjustment Model HCCs.

C-7. BONE MINERAL DENSITY (BMD) TEST SERVICE CODES

HCPCS/CPT SERVICE CODES

HCPCS/CPT CODE	DESCRIPTION	HCPCS/CPT CODE	DESCRIPTION
76977	Us bone density measure	77085	Dxa bone density study
77078	Ct bone density axial	78350	Bone mineral single photon
77080	Dxa bone density axial	78351	Bone mineral dual photon
77081	Dxa bone density/peripheral	G0130	Single energy x-ray study
77082	Dxa bone density vert fx		

C-8. NURSING FACILITY EVALUATION & MANAGEMENT SERVICE CODES

HCPCS/CPT SERVICE CODES

HCPCS/CPT CODE	DESCRIPTION	HCPCS/CPT CODE	DESCRIPTION
99304	Nursing facility care init	99310	Nursing fac care subseq

HCPCS/CPT CODE	DESCRIPTION	HCPCS/CPT CODE	DESCRIPTION
99305	Nursing facility care init	99311	Nursing fac care, subseq
99306	Nursing facility care init	99312	Nursing fac care, subseq
99307	Nursing fac care subseq	99313	Nursing fac care, subseq
99308	Nursing fac care subseq	99315	Nursing fac discharge day
99309	Nursing fac care subseq	99318	Annual nursing fac assessmnt

C-9. PRESSURE ULCER DIAGNOSIS CODES

ICD-9-CM DIAGNOSIS CODES

ICD-9-CM CODE	DESCRIPTION	ICD-9-CM CODE	DESCRIPTION
7078	CHRONIC SKIN ULCER NEC	70711	ULCER OF THIGH
7079	CHRONIC SKIN ULCER NOS	70712	ULCER OF CALF
70700	PRESSURE ULCER, SITE NOS	70713	ULCER OF ANKLE
70701	PRESSURE ULCER, ELBOW	70714	ULCER OF HEEL & MIDFOOT
70702	PRESSURE ULCER, UPR BACK	70715	ULCER OTHER PART OF FOOT
70703	PRESSURE ULCER, LOW BACK	70719	ULCER OTH PART LOW LIMB
70704	PRESSURE ULCER, HIP	70720	PRESSURE ULCER,STAGE NOS
70705	PRESSURE ULCER, BUTTOCK	70721	PRESSURE ULCER, STAGE I
70706	PRESSURE ULCER, ANKLE	70722	PRESSURE ULCER, STAGE II
70707	PRESSURE ULCER, HEEL	70723	PRESSURE ULCER,STAGE III
70709	PRESSURE ULCER, SITE NEC	70724	PRESSURE ULCER, STAGE IV
70710	ULCER OF LOWER LIMB NOS	70725	PRESSURE ULCER,UNSTAGEBL

ICD-10-CM DIAGNOSIS CODES

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
L98419	Non-pressure chronic ulcer of buttock with unsp severity	L89609	Pressure ulcer of unspecified heel, unspecified stage
L98429	Non-pressure chronic ulcer of back with unspecified severity	L89600	Pressure ulcer of unspecified heel, unstageable
L98411	Non-pressure chronic ulcer of buttock limited to brkdwn skin	L89601	Pressure ulcer of unspecified heel, stage 1
L98412	Non-pressure chronic ulcer of buttock with fat layer exposed	L89602	Pressure ulcer of unspecified heel, stage 2
L98413	Non-pressure chronic ulcer of buttock w necrosis of muscle	L89603	Pressure ulcer of unspecified heel, stage 3
L98414	Non-pressure chronic ulcer of buttock with necrosis of bone	L89604	Pressure ulcer of unspecified heel, stage 4
L98421	Non-pressure chronic ulcer of back limited to brkdwn skin	L89610	Pressure ulcer of right heel, unstageable
L98422	Non-pressure chronic ulcer of back with fat layer exposed	L89611	Pressure ulcer of right heel, stage 1
L98423	Non-pressure chronic ulcer of back with necrosis of muscle	L89612	Pressure ulcer of right heel, stage 2
L98424	Non-pressure chronic ulcer of back with necrosis of bone	L89613	Pressure ulcer of right heel, stage 3
L98499	Non-pressure chronic ulcer of skin of sites w unsp severity	L89614	Pressure ulcer of right heel, stage 4

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
L98491	Non-prs chronic ulcer skin/ sites limited to brkdwn skin	L89619	Pressure ulcer of right heel, unspecified stage
L98492	Non-prs chronic ulcer of skin of sites w fat layer exposed	L89620	Pressure ulcer of left heel, unstageable
L98493	Non-prs chronic ulcer of skin of sites w necrosis of muscle	L89621	Pressure ulcer of left heel, stage 1
L98494	Non-prs chronic ulcer of skin of sites w necrosis of bone	L89622	Pressure ulcer of left heel, stage 2
L8990	Pressure ulcer of unspecified site, unspecified stage	L89623	Pressure ulcer of left heel, stage 3
L8991	Pressure ulcer of unspecified site, stage 1	L89624	Pressure ulcer of left heel, stage 4
L8992	Pressure ulcer of unspecified site, stage 2	L89629	Pressure ulcer of left heel, unspecified stage
L8993	Pressure ulcer of unspecified site, stage 3	L89819	Pressure ulcer of head, unspecified stage
L8994	Pressure ulcer of unspecified site, stage 4	L89899	Pressure ulcer of other site, unspecified stage
L8995	Pressure ulcer of unspecified site, unstageable	L89810	Pressure ulcer of head, unstageable
L89009	Pressure ulcer of unspecified elbow, unspecified stage	L89811	Pressure ulcer of head, stage 1
L89000	Pressure ulcer of unspecified elbow, unstageable	L89812	Pressure ulcer of head, stage 2
L89001	Pressure ulcer of unspecified elbow, stage 1	L89813	Pressure ulcer of head, stage 3
L89002	Pressure ulcer of unspecified elbow, stage 2	L89814	Pressure ulcer of head, stage 4
L89003	Pressure ulcer of unspecified elbow, stage 3	L89890	Pressure ulcer of other site, unstageable
L89004	Pressure ulcer of unspecified elbow, stage 4	L89891	Pressure ulcer of other site, stage 1
L89010	Pressure ulcer of right elbow, unstageable	L89892	Pressure ulcer of other site, stage 2
L89011	Pressure ulcer of right elbow, stage 1	L89893	Pressure ulcer of other site, stage 3
L89012	Pressure ulcer of right elbow, stage 2	L89894	Pressure ulcer of other site, stage 4
L89013	Pressure ulcer of right elbow, stage 3	L97909	Non-prs chronic ulc unsp prt of unsp low leg w unsp severity
L89014	Pressure ulcer of right elbow, stage 4	L97901	Non-prs chr ulc unsp prt of unsp low leg lmt to brkdwn skin
L89019	Pressure ulcer of right elbow, unspecified stage	L97902	Non-prs chr ulc unsp prt of unsp low leg w fat layer exposed
L89020	Pressure ulcer of left elbow, unstageable	L97903	Non-prs chronic ulc unsp prt of unsp low leg w necros muscle
L89021	Pressure ulcer of left elbow, stage 1	L97904	Non-prs chronic ulc unsp prt of unsp lower leg w necros bone
L89022	Pressure ulcer of left elbow, stage 2	L97911	Non-prs chr ulc unsp prt of r low leg limited to brkdwn skin
L89023	Pressure ulcer of left elbow, stage 3	L97912	Non-prs chr ulc unsp prt of r low leg w fat layer exposed
L89024	Pressure ulcer of left elbow, stage 4	L97913	Non-prs chronic ulc unsp prt of r low leg w necros muscle
L89029	Pressure ulcer of left elbow, unspecified stage	L97914	Non-prs chronic ulc unsp prt of r low leg w necrosis of bone
L89119	Pressure ulcer of right upper back, unspecified stage	L97919	Non-prs chronic ulc unsp prt of r low leg w unsp severity
L89129	Pressure ulcer of left upper back, unspecified stage	L97921	Non-prs chr ulc unsp prt of l low leg limited to brkdwn skin
L89100	Pressure ulcer of unspecified part of back, unstageable	L97922	Non-prs chr ulc unsp prt of l low leg w fat layer exposed
L89101	Pressure ulcer of unspecified part of back, stage 1	L97923	Non-prs chronic ulc unsp prt of l low leg w necros

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
			muscle
L89102	Pressure ulcer of unspecified part of back, stage 2	L97924	Non-prs chronic ulc unsp prt of l low leg w necrosis of bone
L89103	Pressure ulcer of unspecified part of back, stage 3	L97929	Non-prs chronic ulc unsp prt of l low leg w unsp severity
L89104	Pressure ulcer of unspecified part of back, stage 4	L97109	Non-pressure chronic ulcer of unsp thigh with unsp severity
L89109	Pressure ulcer of unsp part of back, unspecified stage	L97101	Non-prs chronic ulcer of unsp thigh limited to brkdwn skin
L89110	Pressure ulcer of right upper back, unstageable	L97102	Non-pressure chronic ulcer of unsp thigh w fat layer exposed
L89111	Pressure ulcer of right upper back, stage 1	L97103	Non-prs chronic ulcer of unsp thigh w necrosis of muscle
L89112	Pressure ulcer of right upper back, stage 2	L97104	Non-pressure chronic ulcer of unsp thigh w necrosis of bone
L89113	Pressure ulcer of right upper back, stage 3	L97111	Non-prs chronic ulcer of right thigh limited to brkdwn skin
L89114	Pressure ulcer of right upper back, stage 4	L97112	Non-prs chronic ulcer of right thigh w fat layer exposed
L89120	Pressure ulcer of left upper back, unstageable	L97113	Non-prs chronic ulcer of right thigh w necrosis of muscle
L89121	Pressure ulcer of left upper back, stage 1	L97114	Non-pressure chronic ulcer of right thigh w necrosis of bone
L89122	Pressure ulcer of left upper back, stage 2	L97119	Non-pressure chronic ulcer of right thigh with unsp severity
L89123	Pressure ulcer of left upper back, stage 3	L97121	Non-prs chronic ulcer of left thigh limited to brkdwn skin
L89124	Pressure ulcer of left upper back, stage 4	L97122	Non-pressure chronic ulcer of left thigh w fat layer exposed
L89139	Pressure ulcer of right lower back, unspecified stage	L97123	Non-prs chronic ulcer of left thigh w necrosis of muscle
L89149	Pressure ulcer of left lower back, unspecified stage	L97124	Non-pressure chronic ulcer of left thigh w necrosis of bone
L89159	Pressure ulcer of sacral region, unspecified stage	L97129	Non-pressure chronic ulcer of left thigh with unsp severity
L89130	Pressure ulcer of right lower back, unstageable	L97209	Non-pressure chronic ulcer of unsp calf with unsp severity
L89131	Pressure ulcer of right lower back, stage 1	L97201	Non-prs chronic ulcer of unsp calf limited to brkdwn skin
L89132	Pressure ulcer of right lower back, stage 2	L97202	Non-pressure chronic ulcer of unsp calf w fat layer exposed
L89133	Pressure ulcer of right lower back, stage 3	L97203	Non-pressure chronic ulcer of unsp calf w necrosis of muscle
L89134	Pressure ulcer of right lower back, stage 4	L97204	Non-pressure chronic ulcer of unsp calf w necrosis of bone
L89140	Pressure ulcer of left lower back, unstageable	L97211	Non-prs chronic ulcer of right calf limited to brkdwn skin
L89141	Pressure ulcer of left lower back, stage 1	L97212	Non-pressure chronic ulcer of right calf w fat layer exposed
L89142	Pressure ulcer of left lower back, stage 2	L97213	Non-prs chronic ulcer of right calf w necrosis of muscle
L89143	Pressure ulcer of left lower back, stage 3	L97214	Non-pressure chronic ulcer of right calf w necrosis of bone

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
L89144	Pressure ulcer of left lower back, stage 4	L97219	Non-pressure chronic ulcer of right calf with unsp severity
L89150	Pressure ulcer of sacral region, unstageable	L97221	Non-prs chronic ulcer of left calf limited to brkdwn skin
L89151	Pressure ulcer of sacral region, stage 1	L97222	Non-pressure chronic ulcer of left calf w fat layer exposed
L89152	Pressure ulcer of sacral region, stage 2	L97223	Non-pressure chronic ulcer of left calf w necrosis of muscle
L89153	Pressure ulcer of sacral region, stage 3	L97224	Non-pressure chronic ulcer of left calf w necrosis of bone
L89154	Pressure ulcer of sacral region, stage 4	L97229	Non-pressure chronic ulcer of left calf with unsp severity
L8940	Pressr ulc of contig site of back, buttock and hip, unsp stg	L97309	Non-pressure chronic ulcer of unsp ankle with unsp severity
L8941	Pressr ulcer of contig site of back, buttock and hip, stg 1	L97301	Non-prs chronic ulcer of unsp ankle limited to brkdwn skin
L8942	Pressr ulcer of contig site of back, buttock and hip, stg 2	L97302	Non-pressure chronic ulcer of unsp ankle w fat layer exposed
L8943	Pressr ulcer of contig site of back, buttock and hip, stg 3	L97303	Non-prs chronic ulcer of unsp ankle w necrosis of muscle
L8944	Pressr ulcer of contig site of back, buttock and hip, stg 4	L97304	Non-pressure chronic ulcer of unsp ankle w necrosis of bone
L8945	Pressr ulc of contig site of back, buttock & hip, unstageable	L97311	Non-prs chronic ulcer of right ankle limited to brkdwn skin
L89209	Pressure ulcer of unspecified hip, unspecified stage	L97312	Non-prs chronic ulcer of right ankle w fat layer exposed
L89200	Pressure ulcer of unspecified hip, unstageable	L97313	Non-prs chronic ulcer of right ankle w necrosis of muscle
L89201	Pressure ulcer of unspecified hip, stage 1	L97314	Non-pressure chronic ulcer of right ankle w necrosis of bone
L89202	Pressure ulcer of unspecified hip, stage 2	L97319	Non-pressure chronic ulcer of right ankle with unsp severity
L89203	Pressure ulcer of unspecified hip, stage 3	L97321	Non-prs chronic ulcer of left ankle limited to brkdwn skin
L89204	Pressure ulcer of unspecified hip, stage 4	L97322	Non-pressure chronic ulcer of left ankle w fat layer exposed
L89210	Pressure ulcer of right hip, unstageable	L97323	Non-prs chronic ulcer of left ankle w necrosis of muscle
L89211	Pressure ulcer of right hip, stage 1	L97324	Non-pressure chronic ulcer of left ankle w necrosis of bone
L89212	Pressure ulcer of right hip, stage 2	L97329	Non-pressure chronic ulcer of left ankle with unsp severity
L89213	Pressure ulcer of right hip, stage 3	L97409	Non-prs chronic ulcer of unsp heel and midfoot w unsp severt
L89214	Pressure ulcer of right hip, stage 4	L97401	Non-prs chr ulcer of unsp heel and midft lmt to brkdwn skin
L89219	Pressure ulcer of right hip, unspecified stage	L97402	Non-prs chr ulcer of unsp heel and midfoot w fat layer expos
L89220	Pressure ulcer of left hip, unstageable	L97403	Non-prs chr ulcer of unsp heel and midfoot w necros muscle
L89221	Pressure ulcer of left hip, stage 1	L97404	Non-prs chronic ulcer of unsp heel and midfoot w necros bone
L89222	Pressure ulcer of left hip, stage 2	L97411	Non-prs chr ulcer of right heel and midft lmt to

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
			brkdwn skin
L89223	Pressure ulcer of left hip, stage 3	L97412	Non-prs chr ulcer of right heel and midft w fat layer expos
L89224	Pressure ulcer of left hip, stage 4	L97413	Non-prs chr ulcer of right heel and midfoot w necros muscle
L89229	Pressure ulcer of left hip, unspecified stage	L97414	Non-prs chr ulcer of right heel and midfoot w necros bone
L89309	Pressure ulcer of unspecified buttock, unspecified stage	L97419	Non-prs chr ulcer of right heel and midfoot w unsp severt
L89300	Pressure ulcer of unspecified buttock, unstageable	L97421	Non-prs chr ulcer of left heel and midft lmt to brkdwn skin
L89301	Pressure ulcer of unspecified buttock, stage 1	L97422	Non-prs chr ulcer of left heel and midfoot w fat layer expos
L89302	Pressure ulcer of unspecified buttock, stage 2	L97423	Non-prs chr ulcer of left heel and midfoot w necros muscle
L89303	Pressure ulcer of unspecified buttock, stage 3	L97424	Non-prs chronic ulcer of left heel and midfoot w necros bone
L89304	Pressure ulcer of unspecified buttock, stage 4	L97429	Non-prs chronic ulcer of left heel and midfoot w unsp severt
L89310	Pressure ulcer of right buttock, unstageable	L97509	Non-pressure chronic ulcer oth prt unsp foot w unsp severity
L89311	Pressure ulcer of right buttock, stage 1	L97501	Non-prs chr ulcer oth prt unsp foot limited to brkdwn skin
L89312	Pressure ulcer of right buttock, stage 2	L97502	Non-prs chronic ulcer oth prt unsp foot w fat layer exposed
L89313	Pressure ulcer of right buttock, stage 3	L97503	Non-prs chronic ulcer oth prt unsp foot w necrosis of muscle
L89314	Pressure ulcer of right buttock, stage 4	L97504	Non-prs chronic ulcer oth prt unsp foot w necrosis of bone
L89319	Pressure ulcer of right buttock, unspecified stage	L97511	Non-prs chronic ulcer oth prt r foot limited to brkdwn skin
L89320	Pressure ulcer of left buttock, unstageable	L97512	Non-prs chronic ulcer oth prt right foot w fat layer exposed
L89321	Pressure ulcer of left buttock, stage 1	L97513	Non-prs chronic ulcer oth prt right foot w necros muscle
L89322	Pressure ulcer of left buttock, stage 2	L97514	Non-prs chronic ulcer oth prt right foot w necrosis of bone
L89323	Pressure ulcer of left buttock, stage 3	L97519	Non-prs chronic ulcer oth prt right foot w unsp severity
L89324	Pressure ulcer of left buttock, stage 4	L97521	Non-prs chronic ulcer oth prt l foot limited to brkdwn skin
L89329	Pressure ulcer of left buttock, unspecified stage	L97522	Non-prs chronic ulcer oth prt left foot w fat layer exposed
L89509	Pressure ulcer of unspecified ankle, unspecified stage	L97523	Non-prs chronic ulcer oth prt left foot w necrosis of muscle
L89500	Pressure ulcer of unspecified ankle, unstageable	L97524	Non-prs chronic ulcer oth prt left foot w necrosis of bone
L89501	Pressure ulcer of unspecified ankle, stage 1	L97529	Non-pressure chronic ulcer oth prt left foot w unsp severity
L89502	Pressure ulcer of unspecified ankle, stage 2	L97809	Non-prs chronic ulcer oth prt unsp lower leg w unsp severity
L89503	Pressure ulcer of unspecified ankle, stage 3	L97801	Non-prs chr ulcer oth prt unsp low leg lmt to brkdwn skin

ICD-10-CM CODE	DESCRIPTION	ICD-10-CM CODE	DESCRIPTION
L89504	Pressure ulcer of unspecified ankle, stage 4	L97802	Non-prs chr ulcer oth prt unsp low leg w fat layer exposed
L89510	Pressure ulcer of right ankle, unstageable	L97803	Non-prs chronic ulcer oth prt unsp lower leg w necros muscle
L89511	Pressure ulcer of right ankle, stage 1	L97804	Non-prs chronic ulcer oth prt unsp lower leg w necros bone
L89512	Pressure ulcer of right ankle, stage 2	L97811	Non-prs chr ulcer oth prt r low leg limited to brkdwn skin
L89513	Pressure ulcer of right ankle, stage 3	L97812	Non-prs chronic ulcer oth prt r low leg w fat layer exposed
L89514	Pressure ulcer of right ankle, stage 4	L97813	Non-prs chronic ulcer oth prt r low leg w necrosis of muscle
L89519	Pressure ulcer of right ankle, unspecified stage	L97814	Non-prs chronic ulcer oth prt r low leg w necrosis of bone
L89520	Pressure ulcer of left ankle, unstageable	L97819	Non-pressure chronic ulcer oth prt r low leg w unsp severity
L89521	Pressure ulcer of left ankle, stage 1	L97821	Non-prs chr ulcer oth prt l low leg limited to brkdwn skin
L89522	Pressure ulcer of left ankle, stage 2	L97822	Non-prs chronic ulcer oth prt l low leg w fat layer exposed
L89523	Pressure ulcer of left ankle, stage 3	L97823	Non-prs chronic ulcer oth prt l low leg w necrosis of muscle
L89524	Pressure ulcer of left ankle, stage 4	L97824	Non-prs chronic ulcer oth prt l low leg w necrosis of bone
L89529	Pressure ulcer of left ankle, unspecified stage	L97829	Non-pressure chronic ulcer oth prt l low leg w unsp severity

APPENDIX D: SUPPLEMENTAL DATA

D-1. COUNT OF HIERARCHICAL CONDITION CATEGORIES (HCCS)

PERCENTAGE OF MEDICARE FFS BENEFICIARIES WITH A NEW OSTEOPOROTIC FRACTURE BY COUNT OF HCCS AND TYPE OF FRACTURE

# OF HCCs	HIP	DISTAL FEMUR	PELVIS/ SACRUM	TIBIA/ FIBULA	HUMERUS	RADIUS/ ULNA	DISTAL RADIUS/ ULNA	CLAVICLE	SPINE	RIB	ALL TYPES
0	17%	12%	15%	20%	18%	22%	24%	19%	15%	16%	17%
1	17%	15%	17%	19%	19%	21%	22%	17%	17%	17%	18%
2	16%	13%	17%	16%	16%	16%	17%	16%	15%	16%	16%
3	13%	12%	12%	11%	12%	12%	11%	13%	13%	13%	12%
4	10%	10%	11%	9%	9%	9%	7%	9%	11%	10%	10%
5	7%	10%	7%	6%	7%	5%	5%	6%	8%	8%	7%
6	6%	7%	4%	5%	5%	4%	4%	5%	6%	5%	5%
7	4%	6%	4%	4%	4%	3%	3%	4%	4%	4%	4%
8	3%	4%	3%	3%	3%	2%	2%	2%	3%	3%	3%
9	2%	3%	3%	2%	2%	1%	1%	2%	2%	3%	2%
10+	6%	10%	6%	6%	6%	4%	3%	6%	6%	6%	6%

D-2. DISTRIBUTION OF HIERARCHICAL CONDITION CATEGORIES (HCCs)**PERCENTAGE OF MEDICARE FFS BENEFICIARIES WITH A NEW OSTEOPOROTIC FRACTURE IN 2015 BY HCC AND TYPE OF FRACTURE**

2014 HCC DESCRIPTION	HIP	DISTAL FEMUR	PELVIS/SACRUM	TIBIA/FIBULA	HUMERUS	RADIUS/ULNA	DISTAL RADIUS/ULNA	CLAVICLE	SPINE	RIB	ALL TYPES
HCC1: HIV/AIDS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC2: Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock	5%	7%	5%	4%	4%	3%	3%	5%	5%	4%	4%
HCC6: Opportunistic Infections	1%	1%	1%	0%	0%	0%	0%	0%	1%	1%	1%
HCC8: Metastatic Cancer and Acute Leukemia	2%	2%	2%	1%	2%	1%	1%	1%	3%	2%	2%
HCC9: Lung and Other Severe Cancers	3%	2%	3%	2%	3%	2%	2%	3%	4%	3%	3%
HCC10: Lymphoma and Other Cancers	3%	3%	3%	3%	3%	2%	2%	3%	3%	3%	3%
HCC11: Colorectal, Bladder, and Other Cancers	4%	3%	4%	3%	4%	3%	3%	3%	4%	4%	4%
HCC12: Breast, Prostate, and Other Cancers and Tumors	10%	10%	9%	9%	11%	10%	9%	10%	11%	11%	10%
HCC17: Diabetes with Acute Complications	1%	1%	1%	1%	1%	0%	1%	1%	1%	1%	1%
HCC18: Diabetes with Chronic Complications	14%	18%	13%	19%	17%	13%	12%	13%	13%	16%	15%
HCC19: Diabetes without Complication	29%	36%	26%	36%	35%	30%	26%	28%	29%	32%	30%
HCC21: Protein-Calorie Malnutrition	5%	6%	5%	2%	4%	3%	2%	4%	4%	3%	4%
HCC22: Morbid Obesity	2%	6%	1%	6%	4%	4%	3%	2%	3%	3%	3%
HCC23: Other Significant Endocrine and Metabolic Disorders	7%	9%	8%	7%	7%	6%	6%	7%	7%	7%	7%
HCC27: End-Stage Liver Disease	1%	1%	1%	1%	1%	1%	0%	1%	1%	1%	1%
HCC28: Cirrhosis of Liver	1%	1%	1%	1%	2%	1%	1%	1%	2%	2%	2%
HCC29: Chronic Hepatitis	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
HCC33: Intestinal Obstruction/Perforation	3%	4%	3%	2%	3%	2%	2%	2%	3%	2%	3%
HCC34: Chronic Pancreatitis	0%	0%	0%	1%	1%	0%	0%	1%	0%	0%	0%
HCC35: Inflammatory Bowel Disease	1%	1%	2%	1%	1%	1%	1%	1%	2%	1%	1%
HCC39: Bone/Joint/Muscle Infections/Necrosis	2%	5%	2%	2%	2%	2%	2%	1%	2%	2%	2%
HCC40: Rheumatoid Arthritis and Inflammatory Connective Tissue Disease	9%	11%	12%	10%	10%	10%	10%	7%	12%	10%	10%
HCC46: Severe Hematological Disorders	2%	1%	1%	1%	1%	0%	1%	1%	1%	1%	1%
HCC47: Disorders of Immunity	2%	2%	2%	2%	2%	2%	2%	2%	3%	2%	2%

2014 HCC DESCRIPTION	HIP	DISTAL FEMUR	PELVIS/ SACRUM	TIBIA/ FIBULA	HUMERUS	RADIUS/ ULNA	DISTAL RADIUS/ ULNA	CLAVICLE	SPINE	RIB	ALL TYPES
HCC48: Coagulation Defects and Other Specified Hematological Disorders	8%	10%	8%	7%	8%	6%	6%	7%	9%	9%	8%
HCC54: Drug/Alcohol Psychosis	1%	1%	1%	1%	1%	1%	1%	2%	1%	2%	1%
HCC55: Drug/Alcohol Dependence	2%	3%	3%	4%	3%	3%	3%	4%	4%	5%	3%
HCC57: Schizophrenia	1%	1%	1%	3%	2%	1%	1%	2%	1%	1%	2%
HCC58: Major Depressive, Bipolar, and Paranoid Disorders	8%	11%	8%	12%	10%	9%	9%	11%	9%	11%	10%
HCC70: Quadriplegia	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC71: Paraplegia	0%	2%	0%	1%	0%	0%	0%	0%	0%	0%	0%
HCC72: Spinal Cord Disorders/Injuries	2%	3%	2%	2%	2%	1%	2%	2%	3%	2%	2%
HCC73: Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC74: Cerebral Palsy	0%	1%	0%	1%	0%	0%	0%	1%	0%	0%	0%
HCC75: Myasthenia Gravis/Myoneural Disorders and Guillain-Barre Syndrome/Inflammatory and Toxic Neuropathy	2%	2%	1%	2%	1%	1%	1%	1%	2%	2%	2%
HCC76: Muscular Dystrophy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC77: Multiple Sclerosis	1%	2%	0%	1%	1%	1%	0%	1%	0%	1%	1%
HCC78: Parkinson's and Huntington's Diseases	5%	3%	3%	2%	3%	2%	2%	4%	3%	4%	3%
HCC79: Seizure Disorders and Convulsions	5%	7%	4%	6%	6%	6%	4%	9%	5%	5%	5%
HCC80: Coma, Brain Compression/Anoxic Damage	1%	1%	0%	0%	0%	0%	0%	0%	1%	0%	1%
HCC82: Respirator Dependence/Tracheostomy Status	1%	1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
HCC83: Respiratory Arrest	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC84: Cardio-Respiratory Failure and Shock	6%	8%	6%	5%	6%	4%	4%	6%	7%	6%	6%
HCC85: Congestive Heart Failure	25%	27%	26%	18%	21%	17%	16%	20%	25%	22%	22%
HCC86: Acute Myocardial Infarction	2%	2%	2%	1%	1%	1%	2%	2%	2%	2%	2%
HCC87: Unstable Angina and Other Acute Ischemic Heart Disease	4%	5%	4%	3%	4%	3%	4%	4%	4%	5%	4%
HCC88: Angina Pectoris	3%	4%	3%	3%	3%	3%	4%	4%	4%	5%	4%
HCC96: Specified Heart Arrhythmias	26%	25%	29%	18%	21%	20%	18%	26%	26%	24%	24%
HCC99: Cerebral Hemorrhage	1%	1%	2%	1%	1%	1%	1%	2%	1%	1%	1%
HCC100: Ischemic or	9%	11%	9%	7%	8%	6%	6%	9%	7%	8%	8%

2014 HCC DESCRIPTION	HIP	DISTAL FEMUR	PELVIS/ SACRUM	TIBIA/ FIBULA	HUMERUS	RADIUS/ ULNA	DISTAL RADIUS/ ULNA	CLAVICLE	SPINE	RIB	ALL TYPES
Unspecified Stroke											
HCC103: Hemiplegia/Hemiparesis	3%	6%	3%	3%	3%	3%	2%	4%	2%	2%	3%
HCC104: Monoplegia, Other Paralytic Syndromes	1%	2%	0%	1%	1%	1%	0%	0%	1%	0%	1%
HCC106: Atherosclerosis of the Extremities with Ulceration or Gangrene	1%	2%	1%	1%	1%	0%	1%	1%	1%	1%	1%
HCC107: Vascular Disease with Complications	4%	6%	4%	4%	4%	3%	3%	4%	5%	4%	4%
HCC108: Vascular Disease	30%	32%	30%	22%	26%	21%	21%	25%	29%	27%	27%
HCC110: Cystic Fibrosis	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC111: Chronic Obstructive Pulmonary Disease	24%	25%	24%	20%	22%	20%	18%	23%	27%	26%	24%
HCC112: Fibrosis of Lung and Other Chronic Lung Disorders	5%	5%	5%	4%	4%	4%	3%	4%	6%	5%	5%
HCC114: Aspiration and Specified Bacterial Pneumonias	3%	3%	2%	1%	2%	1%	1%	2%	2%	2%	2%
HCC115: Pneumococcal Pneumonia, Empyema, Lung Abscess	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
HCC122: Proliferative Diabetic Retinopathy and Vitreous Hemorrhage	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%
HCC124: Exudative Macular Degeneration	4%	3%	5%	2%	3%	2%	3%	3%	4%	4%	4%
HCC134: Dialysis Status	2%	3%	3%	3%	2%	1%	1%	2%	1%	2%	2%
HCC135: Acute Renal Failure	9%	13%	9%	7%	8%	5%	5%	7%	8%	8%	8%
HCC136: Chronic Kidney Disease (Stage 5)	3%	5%	4%	4%	3%	3%	2%	3%	2%	3%	3%
HCC137: Chronic Kidney Disease (Stage 4)	3%	3%	4%	3%	3%	2%	2%	3%	3%	3%	3%
HCC157: Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC158: Pressure Ulcer of Skin with Full Thickness Skin Loss	1%	3%	1%	1%	1%	0%	0%	1%	1%	1%	1%
HCC161: Chronic Ulcer of Skin, Except Pressure	6%	9%	7%	7%	6%	4%	4%	6%	6%	5%	6%
HCC162: Severe Skin Burn or Condition	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC166: Severe Head Injury	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HCC167: Major Head Injury	2%	2%	2%	1%	2%	1%	1%	3%	2%	2%	2%
HCC169: Vertebral Fractures without Spinal Cord Injury	6%	6%	9%	3%	5%	4%	3%	6%	12%	5%	7%
HCC170: Hip Fracture/Dislocation	6%	21%	11%	3%	5%	5%	3%	6%	5%	4%	6%

2014 HCC DESCRIPTION	HIP	DISTAL FEMUR	PELVIS/ SACRUM	TIBIA/ FIBULA	HUMERUS	RADIUS/ ULNA	DISTAL RADIUS/ ULNA	CLAVICLE	SPINE	RIB	ALL TYPES
HCC173: Traumatic Amputations and Complications	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%
HCC176: Complications of Specified Implanted Device or Graft	4%	8%	4%	5%	4%	3%	3%	3%	4%	3%	4%
HCC186: Major Organ Transplant or Replacement Status	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%
HCC188: Artificial Openings for Feeding or Elimination	2%	3%	2%	2%	2%	1%	1%	1%	2%	2%	2%
HCC189: Amputation Status, Lower Limb/Amputation Complications	1%	2%	1%	1%	1%	0%	1%	1%	1%	1%	1%

D-3(i). ACUTE INPATIENT HOSPITALIZATION DETAIL: ALL FRACTURE TYPES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF ANY TYPE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	42%
8-30 Days After Fracture Event	9%
31-60 Days After Fracture Event	8%
More Than 60 Days After Fracture Event	54%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF ANY TYPE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
481	Hip & femur procedures except major joint w CC	12%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	9%
536	Fractures of hip & pelvis w/o MCC	5%
480	Hip & femur procedures except major joint w MCC	4%
552	Medical back problems w/o MCC	4%
	Other MS-DRGs	66%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
945	Rehabilitation w CC/MCC	6%
189	Pulmonary edema & respiratory failure	2%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	2%
483	Major Joint/Limb Reattachment Procedure Of Upper Extremities	2%
	Other MS-DRGs	81%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
690	Kidney & urinary tract infections w/o MCC	2%
292	Heart failure & shock w CC	2%
189	Pulmonary edema & respiratory failure	2%
	Other MS-DRGs	84%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
189	Pulmonary edema & respiratory failure	2%
190	Chronic obstructive pulmonary disease w MCC	2%
	Other MS-DRGs	83%

D-3(ii). ACUTE INPATIENT HOSPITALIZATION DETAIL: HIP FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE HIP, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	92%
8-30 Days After Fracture Event	13%
31-60 Days After Fracture Event	10%
More Than 60 Days After Fracture Event	56%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE HIP, BY TIME PERIOD RELATIVE TO DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
481	Hip & femur procedures except major joint w CC	26%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	23%
480	Hip & femur procedures except major joint w MCC	9%
482	Hip & femur procedures except major joint w/o CC/MCC	9%
469	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w MCC Or Total Ankle Replacement	6%
	Other MS-DRGs	27%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	8%
945	Rehabilitation w CC/MCC	7%
560	Aftercare, musculoskeletal system & connective tissue w CC	3%
177	Respiratory infections & inflammations w MCC	3%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
	Other MS-DRGs	76%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	9%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	4%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
469	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w MCC Or Total Ankle Replacement	2%
378	G.I. hemorrhage w CC	2%
	Other MS-DRGs	80%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
189	Pulmonary edema & respiratory failure	2%
190	Chronic obstructive pulmonary disease w MCC	2%
	Other MS-DRGs	81%

D-3(iii). ACUTE INPATIENT HOSPITALIZATION DETAIL: DISTAL FEMUR FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE DISTAL FEMUR, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	62%
8-30 Days After Fracture Event	12%
31-60 Days After Fracture Event	8%
More Than 60 Days After Fracture Event	57%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE DISTAL FEMUR, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
481	Hip & femur procedures except major joint w CC	28%
480	Hip & femur procedures except major joint w MCC	12%
534	Fractures of femur w/o MCC	9%
482	Hip & femur procedures except major joint w/o CC/MCC	8%
945	Rehabilitation w CC/MCC	5%
	Other MS-DRGs	39%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	9%
945	Rehabilitation w CC/MCC	8%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
481	Hip & femur procedures except major joint w CC	3%
592	Skin ulcers w MCC	3%
	Other MS-DRGs	72%
31-60 Days After Fracture Event		
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	7%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
177	Respiratory infections & inflammations w MCC	3%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
377	G.I. hemorrhage w MCC	3%
	Other MS-DRGs	78%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
189	Pulmonary edema & respiratory failure	2%
690	Kidney & urinary tract infections w/o MCC	2%
	Other MS-DRGs	82%

D-3(iv). ACUTE INPATIENT HOSPITALIZATION DETAIL: PELVIS/SACRUM FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE PELVIS/SACRUM, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	57%
8-30 Days After Fracture Event	10%
31-60 Days After Fracture Event	9%
More Than 60 Days After Fracture Event	57%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE PELVIS/SACRUM, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
536	Fractures of hip & pelvis w/o MCC	43%
535	Fractures of hip & pelvis w MCC	10%
945	Rehabilitation w CC/MCC	6%
946	Rehabilitation w/o CC/MCC	3%
552	Medical back problems w/o MCC	3%
	Other MS-DRGs	35%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
945	Rehabilitation w CC/MCC	5%
189	Pulmonary edema & respiratory failure	3%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
690	Kidney & urinary tract infections w/o MCC	3%
	Other MS-DRGs	82%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	8%
177	Respiratory infections & inflammations w MCC	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	4%
690	Kidney & urinary tract infections w/o MCC	4%
193	Simple pneumonia & pleurisy w MCC	3%
	Other MS-DRGs	78%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	4%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
690	Kidney & urinary tract infections w/o MCC	2%
481	Hip & femur procedures except major joint w CC	2%
	Other MS-DRGs	82%

D-3(v). ACUTE INPATIENT HOSPITALIZATION DETAIL: TIBIA/FIBULA FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE TIBIA/FIBULA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	28%
8-30 Days After Fracture Event	7%
31-60 Days After Fracture Event	6%
More Than 60 Days After Fracture Event	48%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE TIBIA/FIBULA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
493	Lower extrem & humer proc except hip,foot,femur w CC	18%
494	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	17%
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC	17%
492	Lower extrem & humer proc except hip,foot,femur w MCC	6%
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC	4%
	Other MS-DRGs	37%
8-30 Days After Fracture Event		
493	Lower extrem & humer proc except hip,foot,femur w CC	10%
494	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	7%
945	Rehabilitation w CC/MCC	5%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	3%
492	Lower extrem & humer proc except hip,foot,femur w MCC	3%
	Other MS-DRGs	71%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
885	Psychoses	4%
493	Lower extrem & humer proc except hip,foot,femur w CC	3%
945	Rehabilitation w CC/MCC	3%
189	Pulmonary edema & respiratory failure	2%
	Other MS-DRGs	80%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
885	Psychoses	4%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
690	Kidney & urinary tract infections w/o MCC	2%
	Other MS-DRGs	81%

D-3(vi). ACUTE INPATIENT HOSPITALIZATION DETAIL: HUMERUS FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE HUMERUS, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	29%
8-30 Days After Fracture Event	11%
31-60 Days After Fracture Event	7%
More Than 60 Days After Fracture Event	51%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE HUMERUS, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC	24%
493	Lower extrem & humer proc except hip,foot,femur w CC	9%
483	Major Joint/Limb Reattachment Procedure Of Upper Extremities	7%
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC	6%
494	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	6%
Other MS-DRGs		49%
8-30 Days After Fracture Event		
483	Major Joint/Limb Reattachment Procedure Of Upper Extremities	16%
493	Lower extrem & humer proc except hip,foot,femur w CC	6%
494	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	5%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
945	Rehabilitation w CC/MCC	4%
Other MS-DRGs		64%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
483	Major Joint/Limb Reattachment Procedure Of Upper Extremities	5%
885	Psychoses	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
481	Hip & femur procedures except major joint w CC	3%
Other MS-DRGs		79%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
885	Psychoses	2%
690	Kidney & urinary tract infections w/o MCC	2%
Other MS-DRGs		84%

D-3(vii). ACUTE INPATIENT HOSPITALIZATION DETAIL: RADIUS/ULNA FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE RADIUS/ULNA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	13%
8-30 Days After Fracture Event	5%
31-60 Days After Fracture Event	4%
More Than 60 Days After Fracture Event	45%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE RADIUS/ULNA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC	13%
512	Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC	11%
511	Shoulder,elbow or forearm proc,exc major joint proc w CC	8%
510	Shoulder,elbow or forearm proc,exc major joint proc w MCC	4%
086	Traumatic stupor & coma, coma <1 hr w CC	2%
Other MS-DRGs		62%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	8%
945	Rehabilitation w CC/MCC	6%
064	Intracranial hemorrhage or cerebral infarction w MCC	3%
194	Simple pneumonia & pleurisy w CC	3%
511	Shoulder,elbow or forearm proc,exc major joint proc w CC	3%
Other MS-DRGs		77%
31-60 Days After Fracture Event		
177	Respiratory infections & inflammations w MCC	5%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	5%
378	G.I. hemorrhage w CC	5%
066	Intracranial hemorrhage or cerebral infarction w/o CC/MCC	4%
292	Heart failure & shock w CC	4%
Other MS-DRGs		77%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
885	Psychoses	3%
189	Pulmonary edema & respiratory failure	2%
190	Chronic obstructive pulmonary disease w MCC	2%
Other MS-DRGs		84%

D-3(viii). ACUTE INPATIENT HOSPITALIZATION DETAIL: DISTAL RADIUS/ULNA FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE DISTAL RADIUS/ULNA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	11%
8-30 Days After Fracture Event	4%
31-60 Days After Fracture Event	3%
More Than 60 Days After Fracture Event	44%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE DISTAL RADIUS/ULNA, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC	12%
512	Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC	10%
511	Shoulder,elbow or forearm proc,exc major joint proc w CC	8%
086	Traumatic stupor & coma, coma <1 hr w CC	5%
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC	4%
Other MS-DRGs		61%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
512	Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC	4%
191	Chronic obstructive pulmonary disease w CC	3%
392	Esophagitis, gastroent & misc digest disorders w/o MCC	3%
Other MS-DRGs		80%
31-60 Days After Fracture Event		
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
689	Kidney & urinary tract infections w MCC	4%
189	Pulmonary edema & respiratory failure	3%
057	Degenerative nervous system disorders w/o MCC	2%
193	Simple pneumonia & pleurisy w MCC	2%
Other MS-DRGs		85%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
190	Chronic obstructive pulmonary disease w MCC	2%
392	Esophagitis, gastroent & misc digest disorders w/o MCC	2%
Other MS-DRGs		84%

D-3(ix). ACUTE INPATIENT HOSPITALIZATION DETAIL: CLAVICLE FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE CLAVICLE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	20%
8-30 Days After Fracture Event	7%
31-60 Days After Fracture Event	7%
More Than 60 Days After Fracture Event	52%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE CLAVICLE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC	11%
312	Syncope & collapse	4%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	4%
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC	3%
064	Intracranial hemorrhage or cerebral infarction w MCC	3%
	Other MS-DRGs	74%
8-30 Days After Fracture Event		
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	8%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	8%
292	Heart failure & shock w CC	7%
885	Psychoses	7%
194	Simple pneumonia & pleurisy w CC	5%
	Other MS-DRGs	66%
31-60 Days After Fracture Event		
177	Respiratory infections & inflammations w MCC	7%
194	Simple pneumonia & pleurisy w CC	5%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	5%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
069	Transient Ischemia w/o Thrombolytic	3%
	Other MS-DRGs	74%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
885	Psychoses	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
690	Kidney & urinary tract infections w/o MCC	3%
	Other MS-DRGs	82%

D-3(x). ACUTE INPATIENT HOSPITALIZATION DETAIL: SPINE FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE SPINE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	35%
8-30 Days After Fracture Event	10%
31-60 Days After Fracture Event	9%
More Than 60 Days After Fracture Event	58%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE SPINE, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
552	Medical back problems w/o MCC	17%
551	Medical back problems w MCC	4%
543	Pathological fractures & musculoskelet & conn tiss malig w CC	4%
945	Rehabilitation w CC/MCC	4%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	3%
	Other MS-DRGs	68%
8-30 Days After Fracture Event		
945	Rehabilitation w CC/MCC	7%
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
552	Medical back problems w/o MCC	3%
189	Pulmonary edema & respiratory failure	2%
682	Renal failure w MCC	2%
	Other MS-DRGs	80%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	8%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
189	Pulmonary edema & respiratory failure	2%
392	Esophagitis, gastroent & misc digest disorders w/o MCC	2%
193	Simple pneumonia & pleurisy w MCC	2%
	Other MS-DRGs	82%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	7%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	3%
189	Pulmonary edema & respiratory failure	2%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	2%
190	Chronic obstructive pulmonary disease w MCC	2%
	Other MS-DRGs	83%

D-3(xi). ACUTE INPATIENT HOSPITALIZATION DETAIL: RIB FRACTURES**PERCENTAGE OF BENEFICIARIES WITH AT LEAST ONE HOSPITALIZATION FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE RIB, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE**

TIME PERIOD	PERCENTAGE OF EPISODES WITH AT LEAST ONE HOSPITALIZATION
0-7 Days After Fracture Event	28%
8-30 Days After Fracture Event	8%
31-60 Days After Fracture Event	7%
More Than 60 Days After Fracture Event	56%

DISTRIBUTION OF MOST COMMON MS-DRGS FOR ACUTE INPATIENT HOSPITALIZATIONS FOLLOWING A NEW OSTEOPOROTIC FRACTURE OF THE RIB, BY TIME PERIOD RELATIVE TO FRACTURE DURING OSTEOPOROTIC FRACTURE EPISODE

MS-DRG	DESCRIPTION	DISTRIBUTION
0-7 Days After Fracture Event		
184	Major chest trauma w CC	11%
183	Major chest trauma w MCC	6%
206	Other respiratory system diagnoses w/o MCC	6%
200	Pneumothorax w CC	5%
185	Major chest trauma w/o CC/MCC	4%
	Other MS-DRGs	67%
8-30 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
945	Rehabilitation w CC/MCC	6%
189	Pulmonary edema & respiratory failure	4%
194	Simple pneumonia & pleurisy w CC	3%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	2%
	Other MS-DRGs	79%
31-60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	5%
885	Psychoses	4%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	4%
292	Heart failure & shock w CC	3%
194	Simple pneumonia & pleurisy w CC	3%
	Other MS-DRGs	82%
More Than 60 Days After Fracture Event		
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC	6%
291	Heart Failure & Shock w MCC or Peripheral Extracorporeal Membrane Oxygenation (ECMO)	4%
470	Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity w/o MCC	3%
190	Chronic obstructive pulmonary disease w MCC	3%
885	Psychoses	2%
	Other MS-DRGs	83%

D-4. REGRESSION COEFFICIENTS**COEFFICIENTS FROM REGRESSION ANALYSIS TO ESTIMATE 180-DAY INCREMENTAL COST OF SUBSEQUENT FRACTURES AMONG MEDICARE FFS BENEFICIARIES WITH A NEW OSTEOPOROTIC FRACTURE (N=9,698)**

REGRESSION PARAMETER	DEGREES OF FREEDOM	PARAMETER ESTIMATE	STANDARD ERROR	P-VALUE*
Presence of Subsequent Fracture	1	1.070	0.019	<0.001
Initial Fracture Type				
Hip	1	0.149	0.036	<0.001
Distal Femur	1	0.150	0.059	0.011
Pelvis/Sacrum	1	-0.036	0.046	0.438
Tibia/Fibula	1	-0.099	0.044	0.024
Humerus	1	0.201	0.042	<0.001
Radius/Ulna	1	-0.245	0.055	<0.001
Distal Radius/Ulna	1	-0.182	0.043	<0.001
Clavicle	1	-0.125	0.069	0.071
Spine	1	-0.015	0.034	0.650
Rib	0	0.000	0.000	<0.001
Age Band				
<65	1	-0.106	0.038	0.005
65-74	1	-0.223	0.026	<0.001
75-84	1	-0.071	0.024	0.003
85+	0	0.000	0.000	<0.001
Sex				
Male	0	0.000	0.000	<0.001
Female	1	-0.160	0.023	<0.001
Geographic Region				
West	0	0.000	0.000	<0.001
Midwest	1	-0.211	0.030	<0.001
South	1	-0.170	0.027	<0.001
Northeast	1	-0.135	0.031	<0.001
Unknown	1	-0.391	0.186	0.036
Beneficiary Type				
Non-Cancer/Non-ESRD Beneficiaries	1	-0.595	0.047	<0.001
Beneficiaries with ESRD	1	0.198	0.085	0.020
Beneficiaries with Non-Metastatic/Non-Bone Cancer	1	-0.501	0.050	<0.001
Beneficiaries with Metastatic or Bone Cancer	0	0.000	0.000	<0.001
Member Status as of January 2015				
Dual-Eligible	1	0.009	0.029	0.761
Institutionalized	1	-0.050	0.048	0.291
Osteoporosis Diagnosis between 2014 and 2017	1	0.078	0.021	<0.001
Count of CMS-HCCs in 2014	1	0.100	0.003	<0.001

* Calculated from chi-square statistic.

D-5. TWO-YEAR RATE OF NEW PRESSURE ULCERS**TWO-YEAR RATE OF NEW PRESSURE ULCERS DIAGNOSED AMONG MEDICARE FFS BENEFICIARIES WITH A NEW OSTEOPOROTIC FRACTURE FOLLOWING THE FRACTURE PER 10,000 BENEFICIARIES, BY AGE BAND AND FRACTURE TYPE**

FRACTURE TYPE	LESS THAN 65	65-74	75-84	85+	TOTAL
Hip	4,194.3	3,067.1	3,362.7	3,690.8	3,475.9
Distal Femur	3,230.8	3,333.3	3,258.7	4,252.3	3,551.5
Pelvis/Sacrum	2,123.3	2,081.8	2,440.3	3,095.5	2,611.9
Tibia/Fibula	2,779.2	1,888.4	3,024.7	3,627.5	2,599.1
Humerus	2,028.7	1,719.0	2,407.4	3,031.1	2,277.2
Radius/Ulna	866.4	1,074.3	1,660.0	2,364.9	1,412.2
Distal Radius/Ulna	1,053.8	709.1	1,522.5	2,205.1	1,281.6
Clavicle	1,972.8	1,450.2	1,860.5	2,599.3	1,938.1
Spine	2,414.5	1,906.4	2,152.1	2,768.1	2,275.1
Rib	1,793.6	1,563.6	2,047.1	2,607.5	1,993.2
Total	2,331.2	1,834.3	2,459.6	3,095.9	2,429.1

TWO-YEAR AGE- AND SEX-ADJUSTED RATE OF NEW PRESSURE ULCERS DIAGNOSED AMONG ALL MEDICARE FFS BENEFICIARIES PER 10,000 BENEFICIARIES, BY AGE BAND

	LESS THAN 65	65-74	75-84	85+	TOTAL
Total Medicare FFS Population	957.0	592.7	1,140.6	2,084.1	1,208.8



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