

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 0031          | Salmonella Septicemia    | 04082         | Toxic Shock Syndrome     | 1300          | Toxoplasma Meningoenceph |
| 00322         | Salmonella Pneumonia     | 042           | Human Immuno Virus Dis   | 1304          | Toxoplasma Pneumonitis   |
| 00323         | Salmonella Arthritis     | 0545          | Herpetic Septicemia      | 1308          | Multisystem Toxoplasmos  |
| 00324         | Salmonella Osteomyelitis | 05671         | Arthritis Due To Rubella | 1361          | Behcet's Syndrome        |
| 0064          | Amebic Lung Abscess      | 07022         | Hpt B Chrn Coma Wo Dlta  | 1363          | Pneumocystosis           |
| 0074          | Cryptosporidiosis        | 07023         | Hpt B Chrn Coma W Dlta   | 1410          | Mal Neo Tongue Base      |
| 0202          | Septicemic Plague        | 07032         | Hpt B Chrn Wo Cm Wo Dlta | 1411          | Mal Neo Dorsal Tongue    |
| 0203          | Primary Pneumonic Plague | 07033         | Hpt B Chrn Wo Cm W Dlta  | 1412          | Mal Neo Tip/Lat Tongue   |
| 0204          | Secondary Pneumon Plague | 07044         | Chrc Hpt C W Hpat Coma   | 1413          | Mal Neo Ventral Tongue   |
| 0205          | Pneumonic Plague Nos     | 07054         | Chrc Hpt C Wo Hpat Coma  | 1414          | Mal Neo Ant 2/3 Tongue   |
| 0212          | Pulmonary Tularemia      | 0723          | Mumps Pancreatitis       | 1415          | Mal Neo Tongue Junction  |
| 0221          | Pulmonary Anthrax        | 0785          | Cytomegaloviral Disease  | 1416          | Mal Neo Lingual Tonsil   |
| 0223          | Anthrax Septicemia       | 0786          | Hem Nephrosonephritis    | 1418          | Malig Neo Tongue Nec     |
| 0310          | Pulmonary Mycobacteria   | 07953         | Hiv-2 Infection Oth Dis  | 1419          | Malig Neo Tongue Nos     |
| 0312          | Dmac Bacteremia          | 09487         | Syph Rupt Cereb Aneurysm | 1420          | Malig Neo Parotid        |
| 03283         | Diphtheritic Peritonitis | 09850         | Gonococcal Arthritis     | 1421          | Malig Neo Submandibular  |
| 0362          | Meningococemia           | 09851         | Gonococcal Synovitis     | 1422          | Malig Neo Sublingual     |
| 03682         | Meningococc Arthropathy  | 09852         | Gonococcal Bursitis      | 1428          | Mal Neo Maj Salivary Nec |
| 0380          | Streptococcal Septicemia | 09853         | Gonococcal Spondylitis   | 1429          | Mal Neo Salivary Nos     |
| 03810         | Staphylococ Septicem Nos | 09859         | Gc Infect Joint Nec      | 1430          | Malig Neo Upper Gum      |
| 03811         | Staph Aureus Septicemia  | 09886         | Gonococcal Peritonitis   | 1431          | Malig Neo Lower Gum      |
| 03812         | Mrsa Septicemia          | 1026          | Yaws Of Bone & Joint     | 1438          | Malig Neo Gum Nec        |
| 03819         | Staphylococ Septicem Nec | 1124          | Candidiasis Of Lung      | 1439          | Malig Neo Gum Nos        |
| 0382          | Pneumococcal Septicemia  | 1125          | Disseminated Candidiasis | 1440          | Mal Neo Ant Floor Mouth  |
| 0383          | Anaerobic Septicemia     | 11284         | Candidal Esophagitis     | 1441          | Mal Neo Lat Floor Mouth  |
| 03840         | Gram-Neg Septicemia Nos  | 1140          | Primary Coccioidomycos   | 1448          | Mal Neo Mouth Floor Nec  |
| 03841         | H. Influenae Septicemia  | 1144          | Ch Pl Coccioidomycosis   | 1449          | Mal Neo Mouth Floor Nos  |
| 03842         | E Coli Septicemia        | 1145          | Pl Coccioidomycosis Nos  | 1450          | Mal Neo Cheek Mucosa     |
| 03843         | Pseudomonas Septicemia   | 11505         | Histoplasm Caps Pneumon  | 1451          | Mal Neo Mouth Vestibule  |
| 03844         | Serratia Septicemia      | 11515         | Histoplasm Dub Pneumonia | 1452          | Malig Neo Hard Palate    |
| 03849         | Gram-Neg Septicemia Nec  | 11595         | Histoplasmosis Pneumonia | 1453          | Malig Neo Soft Palate    |
| 0388          | Septicemia Nec           | 1173          | Aspergillosis            | 1454          | Malignant Neoplasm Uvula |
| 0389          | Septicemia Nos           | 1175          | Cryptococcosis           | 1455          | Malignant Neo Palate Nos |
| 0391          | Pulmonary Actinomycosis  | 1177          | Zygomycosis              | 1456          | Malig Neo Retromolar     |
| 0400          | Gas Gangrene             | 1212          | Paragonimiasis           | 1458          | Malig Neoplasm Mouth Nec |
| 0402          | Whipple's Disease        | 1221          | Echinococc Granul Lung   | 1459          | Malig Neoplasm Mouth Nos |

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| ICD-9-CM Code | ICD9 Description           | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         |
|---------------|----------------------------|---------------|--------------------------|---------------|--------------------------|
| 1460          | Malignant Neopl Tonsil     | 1512          | Mal Neo Pyloric Antrum   | 1570          | Mal Neo Pancreas Head    |
| 1461          | Mal Neo Tonsillar Fossa    | 1513          | Mal Neo Stomach Fundus   | 1571          | Mal Neo Pancreas Body    |
| 1462          | Mal Neo Tonsil Pillars     | 1514          | Mal Neo Stomach Body     | 1572          | Mal Neo Pancreas Tail    |
| 1463          | Malign Neopl Vallecula     | 1515          | Mal Neo Stom Lesser Curv | 1573          | Mal Neo Pancreatic Duct  |
| 1464          | Mal Neo Ant Epiglottis     | 1516          | Mal Neo Stom Great Curv  | 1574          | Mal Neo Islet Langerhans |
| 1465          | Mal Neo Epiglottis Junct   | 1518          | Malig Neopl Stomach Nec  | 1578          | Malig Neo Pancreas Nec   |
| 1466          | Mal Neo Lat Oropharynx     | 1519          | Malig Neopl Stomach Nos  | 1579          | Malig Neo Pancreas Nos   |
| 1467          | Mal Neo Post Oropharynx    | 1520          | Malignant Neopl Duodenum | 1580          | Mal Neo Retroperitoneum  |
| 1468          | Mal Neo Oropharynx Nec     | 1521          | Malignant Neopl Jejunum  | 1588          | Mal Neo Peritoneum Nec   |
| 1469          | Malig Neo Oropharynx Nos   | 1522          | Malignant Neoplasm Ileum | 1589          | Mal Neo Peritoneum Nos   |
| 1470          | Mal Neo Super Nasopharynx  | 1523          | Mal Neo Meckel's Divert  | 1590          | Malig Neo Intestine Nos  |
| 1471          | Mal Neo Post Nasopharynx   | 1528          | Mal Neo Small Bowel Nec  | 1591          | Malignant Neo Spleen Nec |
| 1472          | Mal Neo Lat Nasopharynx    | 1529          | Mal Neo Small Bowel Nos  | 1598          | Mal Neo Gi/Intra-Abd Nec |
| 1473          | Mal Neo Ant Nasopharynx    | 1530          | Mal Neo Hepatic Flexure  | 1599          | Mal Neo Gi Tract Ill-Def |
| 1478          | Mal Neo Nasopharynx Nec    | 1531          | Mal Neo Transverse Colon | 1600          | Mal Neo Nasal Cavities   |
| 1479          | Mal Neo Nasopharynx Nos    | 1532          | Mal Neo Descend Colon    | 1601          | Malig Neo Middle Ear     |
| 1480          | Mal Neo Postericoid        | 1533          | Mal Neo Sigmoid Colon    | 1602          | Mal Neo Maxillary Sinus  |
| 1481          | Mal Neo Pyriform Sinus     | 1534          | Malignant Neoplasm Cecum | 1603          | Mal Neo Ethmoidal Sinus  |
| 1482          | Mal Neo Aryepiglott Fold   | 1535          | Malignant Neo Appendix   | 1604          | Malig Neo Frontal Sinus  |
| 1483          | Mal Neo Post Hypopharynx   | 1536          | Malig Neo Ascend Colon   | 1605          | Mal Neo Sphenoid Sinus   |
| 1488          | Mal Neo Hypopharynx Nec    | 1537          | Mal Neo Splenic Flexure  | 1608          | Mal Neo Access Sinus Nec |
| 1489          | Mal Neo Hypopharynx Nos    | 1538          | Malignant Neo Colon Nec  | 1609          | Mal Neo Access Sinus Nos |
| 1490          | Mal Neo Pharynx Nos        | 1539          | Malignant Neo Colon Nos  | 1610          | Malignant Neo Glottis    |
| 1491          | Mal Neo Waldeyer's Ring    | 1540          | Mal Neo Rectosigmoid Jct | 1611          | Malig Neo Supraglottis   |
| 1498          | Mal Neo Oral/Pharynx Nec   | 1541          | Malignant Neopl Rectum   | 1612          | Malig Neo Subglottis     |
| 1499          | Mal Neo Oropharynx Ill-Def | 1542          | Malig Neopl Anal Canal   | 1613          | Mal Neo Cartilage Larynx |
| 1500          | Mal Neo Cervical Esophag   | 1543          | Malignant Neo Anus Nos   | 1618          | Malignant Neo Larynx Nec |
| 1501          | Mal Neo Thoracic Esophag   | 1548          | Mal Neo Rectum/Anus Nec  | 1619          | Malignant Neo Larynx Nos |
| 1502          | Mal Neo Abdomin Esophag    | 1550          | Mal Neo Liver, Primary   | 1620          | Malignant Neo Trachea    |
| 1503          | Mal Neo Upper 3rd Esoph    | 1551          | Mal Neo Intrahepat Ducts | 1622          | Malig Neo Main Bronchus  |
| 1504          | Mal Neo Middle 3rd Esoph   | 1552          | Malignant Neo Liver Nos  | 1623          | Mal Neo Upper Lobe Lung  |
| 1505          | Mal Neo Lower 3rd Esoph    | 1560          | Malig Neo Gallbladder    | 1624          | Mal Neo Middle Lobe Lung |
| 1508          | Mal Neo Esophagus Nec      | 1561          | Mal Neo Extrahepat Ducts | 1625          | Mal Neo Lower Lobe Lung  |
| 1509          | Mal Neo Esophagus Nos      | 1562          | Mal Neo Ampulla Of Vater | 1628          | Mal Neo Bronch/Lung Nec  |
| 1510          | Mal Neo Stomach Cardia     | 1568          | Malig Neo Biliary Nec    | 1629          | Mal Neo Bronch/Lung Nos  |
| 1511          | Malignant Neo Pylorus      | 1569          | Malig Neo Biliary Nos    | 1630          | Mal Neo Parietal Pleura  |

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|---------------|--------------------------|---------------|----------------------------|---------------|--------------------------|
| 1631          | Mal Neo Visceral Pleura  | 1725          | Malig Melanoma Trunk       | 1834          | Malig Neo Parametrium    |
| 1638          | Malig Neopl Pleura Nec   | 1726          | Malig Melanoma Arm         | 1835          | Mal Neo Round Ligament   |
| 1639          | Malig Neopl Pleura Nos   | 1727          | Malig Melanoma Leg         | 1838          | Mal Neo Adnexa Nec       |
| 1640          | Malignant Neopl Thymus   | 1728          | Malig Melanoma Skin Nec    | 1839          | Mal Neo Adnexa Nos       |
| 1641          | Malignant Neopl Heart    | 1729          | Malig Melanoma Skin Nos    | 1840          | Malign Neopl Vagina      |
| 1642          | Mal Neo Ant Mediastinum  | 1740          | Malig Neo Nipple           | 1841          | Mal Neo Labia Majora     |
| 1643          | Mal Neo Post Mediastinum | 1741          | Mal Neo Breast-Central     | 1842          | Mal Neo Labia Minora     |
| 1648          | Mal Neo Mediastinum Nec  | 1742          | Mal Neo Breast Up-Inner    | 1843          | Malign Neopl Clitoris    |
| 1649          | Mal Neo Mediastinum Nos  | 1743          | Mal Neo Breast Low-Inner   | 1844          | Malign Neopl Vulva Nos   |
| 1650          | Mal Neo Upper Resp Nos   | 1744          | Mal Neo Breast Up-Outer    | 1848          | Mal Neo Female Genit Nec |
| 1658          | Mal Neo Thorax/Resp Nec  | 1745          | Mal Neo Breast Low-Outer   | 1849          | Mal Neo Female Genit Nos |
| 1659          | Mal Neo Resp System Nos  | 1746          | Mal Neo Breast-Axillary    | 185           | Malign Neopl Prostate    |
| 1700          | Mal Neo Skull/Face Bone  | 1748          | Malign Neopl Breast Nec    | 1860          | Mal Neo Undescend Testis |
| 1701          | Malignant Neo Mandible   | 1749          | Malign Neopl Breast Nos    | 1869          | Malig Neo Testis Nec     |
| 1702          | Malig Neo Vertebrae      | 1750          | Mal Neo Male Nipple        | 1871          | Malign Neopl Prepuce     |
| 1703          | Mal Neo Ribs/Stern/Clav  | 1759          | Mal Neo Male Breast Nec    | 1872          | Malig Neo Glans Penis    |
| 1704          | Mal Neo Long Bones Arm   | 1760          | Skin - Kaposi's Sarcoma    | 1873          | Malig Neo Penis Body     |
| 1705          | Mal Neo Bones Wrist/Hand | 1761          | Sft Tissue - Kpsi's Srcoma | 1874          | Malig Neo Penis Nos      |
| 1706          | Mal Neo Pelvic Girdle    | 1762          | Palate - Kpsi's Sarcoma    | 1875          | Malig Neo Epididymis     |
| 1707          | Mal Neo Long Bones Leg   | 1763          | Gi Sites - Kpsi's Srcoma   | 1876          | Mal Neo Spermatic Cord   |
| 1708          | Mal Neo Bones Ankle/Foot | 1764          | Lung - Kaposi's Sarcoma    | 1877          | Malign Neopl Scrotum     |
| 1709          | Malig Neopl Bone Nos     | 1765          | Lym Nds - Kpsi's Sarcoma   | 1878          | Mal Neo Male Genital Nec |
| 1710          | Mal Neo Soft Tissue Head | 1768          | Spf Sts - Kpsi's Sarcoma   | 1879          | Mal Neo Male Genital Nos |
| 1712          | Mal Neo Soft Tissue Arm  | 1769          | Kaposi's Sarcoma Nos       | 1880          | Mal Neo Bladder-Trigone  |
| 1713          | Mal Neo Soft Tissue Leg  | 179           | Malig Neopl Uterus Nos     | 1881          | Mal Neo Bladder-Dome     |
| 1714          | Mal Neo Soft Tis Thorax  | 1800          | Malig Neo Endocervix       | 1882          | Mal Neo Bladder-Lateral  |
| 1715          | Mal Neo Soft Tis Abdomen | 1801          | Malig Neo Exocervix        | 1883          | Mal Neo Bladder-Anterior |
| 1716          | Mal Neo Soft Tis Pelvis  | 1808          | Malig Neo Cervix Nec       | 1884          | Mal Neo Bladder-Post     |
| 1717          | Mal Neopl Trunk Nos      | 1809          | Mal Neo Cervix Uteri Nos   | 1885          | Mal Neo Bladder Neck     |
| 1718          | Mal Neo Soft Tissue Nec  | 181           | Malignant Neopl Placenta   | 1886          | Mal Neo Ureteric Orifice |
| 1719          | Mal Neo Soft Tissue Nos  | 1820          | Malig Neo Corpus Uteri     | 1887          | Malig Neo Urachus        |
| 1720          | Malig Melanoma Lip       | 1821          | Mal Neo Uterine Isthmus    | 1888          | Malig Neo Bladder Nec    |
| 1721          | Malig Melanoma Eyelid    | 1828          | Mal Neo Body Uterus Nec    | 1889          | Malig Neo Bladder Nos    |
| 1722          | Malig Melanoma Ear       | 1830          | Malign Neopl Ovary         | 1890          | Malig Neopl Kidney       |
| 1723          | Mal Melanom Face Nec/Nos | 1832          | Mal Neo Fallopian Tube     | 1891          | Malig Neo Renal Pelvis   |
| 1724          | Mal Melanoma Scalp/Neck  | 1833          | Mal Neo Broad Ligament     | 1892          | Malign Neopl Ureter      |

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| <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  |
|----------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|
| 1893                 | Malign Neopl Urethra     | 1948                 | Mal Neo Endocrine Nec    | 19889                | Secondary Malig Neo Nec  |
| 1894                 | Mal Neo Paraurethral     | 1949                 | Mal Neo Endocrine Nos    | 1990                 | Malig Neo Disseminated   |
| 1898                 | Mal Neo Urinary Nec      | 1950                 | Mal Neo Head/Face/Neck   | 1991                 | Malignant Neoplasm Nos   |
| 1899                 | Mal Neo Urinary Nos      | 1951                 | Malign Neopl Thorax      | 1992                 | Malig Neopl-Transp Organ |
| 1901                 | Malign Neopl Orbit       | 1952                 | Malig Neo Abdomen        | 20000                | Retclsrc Unsp Xtrndl Org |
| 1902                 | Mal Neo Lacrimal Gland   | 1953                 | Malign Neopl Pelvis      | 20001                | Reticulosarcoma Head     |
| 1903                 | Mal Neo Conjunctiva      | 1954                 | Malign Neopl Arm         | 20002                | Reticulosarcoma Thorax   |
| 1904                 | Malign Neopl Cornea      | 1955                 | Malign Neopl Leg         | 20003                | Reticulosarcoma Abdom    |
| 1905                 | Malign Neopl Retina      | 1958                 | Malig Neo Site Nec       | 20004                | Reticulosarcoma Axilla   |
| 1906                 | Malign Neopl Choroid     | 1960                 | Mal Neo Lymph-Head/Neck  | 20005                | Reticulosarcoma Inguin   |
| 1907                 | Mal Neo Lacrimal Duct    | 1961                 | Mal Neo Lymph-Intrathor  | 20006                | Reticulosarcoma Pelvic   |
| 1908                 | Malign Neopl Eye Nec     | 1962                 | Mal Neo Lymph Intra-Abd  | 20007                | Reticulosarcoma Spleen   |
| 1909                 | Malign Neopl Eye Nos     | 1963                 | Mal Neo Lymph-Axilla/Arm | 20008                | Reticulosarcoma Mult     |
| 1910                 | Malign Neopl Cerebrum    | 1965                 | Mal Neo Lymph-Inguin/Leg | 20010                | Lymphsrc Unsp Xtrndl Org |
| 1911                 | Malign Neo Frontal Lobe  | 1966                 | Mal Neo Lymph-Intrapelv  | 20011                | Lymphosarcoma Head       |
| 1912                 | Mal Neo Temporal Lobe    | 1968                 | Mal Neo Lymph Node-Mult  | 20012                | Lymphosarcoma Thorax     |
| 1913                 | Mal Neo Parietal Lobe    | 1969                 | Mal Neo Lymph Node Nos   | 20013                | Lymphosarcoma Abdom      |
| 1914                 | Mal Neo Occipital Lobe   | 1970                 | Secondary Malig Neo Lung | 20014                | Lymphosarcoma Axilla     |
| 1915                 | Mal Neo Cereb Ventricle  | 1971                 | Sec Mal Neo Mediastinum  | 20015                | Lymphosarcoma Inguin     |
| 1916                 | Mal Neo Cerebellum Nos   | 1972                 | Second Malig Neo Pleura  | 20016                | Lymphosarcoma Pelvic     |
| 1917                 | Mal Neo Brain Stem       | 1973                 | Sec Malig Neo Resp Nec   | 20017                | Lymphosarcoma Spleen     |
| 1918                 | Malig Neo Brain Nec      | 1974                 | Sec Malig Neo Sm Bowel   | 20018                | Lymphosarcoma Mult       |
| 1919                 | Malig Neo Brain Nos      | 1975                 | Sec Malig Neo Lg Bowel   | 20020                | Brkt Tmr Unsp Xtrndl Org |
| 1920                 | Mal Neo Cranial Nerves   | 1976                 | Sec Mal Neo Peritoneum   | 20021                | Burkitt's Tumor Head     |
| 1921                 | Mal Neo Cerebral Mening  | 1977                 | Second Malig Neo Liver   | 20022                | Burkitt's Tumor Thorax   |
| 1922                 | Mal Neo Spinal Cord      | 1978                 | Sec Mal Neo Gi Nec       | 20023                | Burkitt's Tumor Abdom    |
| 1923                 | Mal Neo Spinal Meninges  | 1980                 | Second Malig Neo Kidney  | 20024                | Burkitt's Tumor Axilla   |
| 1928                 | Mal Neo Nervous Syst Nec | 1981                 | Sec Malig Neo Urin Nec   | 20025                | Burkitt's Tumor Inguin   |
| 1929                 | Mal Neo Nervous Syst Nos | 1982                 | Secondary Malig Neo Skin | 20026                | Burkitt's Tumor Pelvic   |
| 193                  | Malign Neopl Thyroid     | 1983                 | Sec Mal Neo Brain/Spine  | 20027                | Burkitt's Tumor Spleen   |
| 1940                 | Malign Neopl Adrenal     | 1984                 | Sec Malig Neo Nerve Nec  | 20028                | Burkitt's Tumor Mult     |
| 1941                 | Malig Neo Parathyroid    | 1985                 | Secondary Malig Neo Bone | 20030                | Marginl Zone Lym Xtrndl  |
| 1943                 | Malig Neo Pituitary      | 1986                 | Second Malig Neo Ovary   | 20031                | Margin Zone Lym Head     |
| 1944                 | Malign Neo Pineal Gland  | 1987                 | Second Malig Neo Adrenal | 20032                | Margin Zone Lym Thorax   |
| 1945                 | Mal Neo Carotid Body     | 19881                | Second Malig Neo Breast  | 20033                | Margin Zone Lym Abdom    |
| 1946                 | Mal Neo Paraganglia Nec  | 19882                | Second Malig Neo Genital | 20034                | Margin Zone Lym Axilla   |

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|----------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|
| 20035                | Margin Zone Lym Inguin   | 20075                | Large Cell Lymph Inguin  | 20125                | Hodgkins Sarcoma Inguin  |
| 20036                | Margin Zone Lym Pelvic   | 20076                | Large Cell Lymph Pelvic  | 20126                | Hodgkins Sarcoma Pelvic  |
| 20037                | Margin Zone Lymph Spleen | 20077                | Large Cell Lymph Spleen  | 20127                | Hodgkins Sarcoma Spleen  |
| 20038                | Margin Zone Lymph Multip | 20078                | Large Cell Lymph Multip  | 20128                | Hodgkins Sarcoma Mult    |
| 20040                | Mantle Cell Lym Xtrndl   | 20080                | Oth Varn Unsp Xtrndl Org | 20140                | Lym-Hst Unsp Xtrndl Orgn |
| 20041                | Mantle Cell Lymph Head   | 20081                | Mixed Lymphosarc Head    | 20141                | Hodg Lymph-Histio Head   |
| 20042                | Mantle Cell Lymph Thorax | 20082                | Mixed Lymphosarc Thorax  | 20142                | Hodg Lymph-Histio Thorax |
| 20043                | Mantle Cell Lymph Abdom  | 20083                | Mixed Lymphosarc Abdom   | 20143                | Hodg Lymph-Histio Abdom  |
| 20044                | Mantle Cell Lymph Axilla | 20084                | Mixed Lymphosarc Axilla  | 20144                | Hodg Lymph-Histio Axilla |
| 20045                | Mantle Cell Lymph Inguin | 20085                | Mixed Lymphosarc Inguin  | 20145                | Hodg Lymph-Histio Inguin |
| 20046                | Mantle Cell Lymph Pelvic | 20086                | Mixed Lymphosarc Pelvic  | 20146                | Hodg Lymph-Histio Pelvic |
| 20047                | Mantle Cell Lymph Spleen | 20087                | Mixed Lymphosarc Spleen  | 20147                | Hodg Lymph-Histio Spleen |
| 20048                | Mantle Cell Lymph Multip | 20088                | Mixed Lymphosarc Mult    | 20148                | Hodg Lymph-Histio Mult   |
| 20050                | Primary Cns Lymph Xtrndl | 20100                | Hdgk Prg Unsp Xtrndl Org | 20150                | Ndr Sclr Unsp Xtrndl Org |
| 20051                | Primary Cns Lymph Head   | 20101                | Hodgkins Paragran Head   | 20151                | Hodg Nodul Sclero Head   |
| 20052                | Primary Cns Lymph Thorax | 20102                | Hodgkins Paragran Thorax | 20152                | Hodg Nodul Sclero Thorax |
| 20053                | Primary Cns Lymph Abdom  | 20103                | Hodgkins Paragran Abdom  | 20153                | Hodg Nodul Sclero Abdom  |
| 20054                | Primary Cns Lymph Axilla | 20104                | Hodgkins Paragran Axilla | 20154                | Hodg Nodul Sclero Axilla |
| 20055                | Primary Cns Lym Inguin   | 20105                | Hodgkins Paragran Inguin | 20155                | Hodg Nodul Sclero Inguin |
| 20056                | Primary Cns Lymph Pelvic | 20106                | Hodgkins Paragran Pelvic | 20156                | Hodg Nodul Sclero Pelvic |
| 20057                | Primary Cns Lymph Spleen | 20107                | Hodgkins Paragran Spleen | 20157                | Hodg Nodul Sclero Spleen |
| 20058                | Primary Cns Lymph Multip | 20108                | Hodgkins Paragran Mult   | 20158                | Hodg Nodul Sclero Mult   |
| 20060                | Anaplastic Lymph Xtrndl  | 20110                | Hdgk Grn Unsp Xtrndl Org | 20160                | Mxd Celr Unsp Xtrndl Org |
| 20061                | Anaplastic Lymph Head    | 20111                | Hodgkins Granulom Head   | 20161                | Hodgkins Mix Cell Head   |
| 20062                | Anaplastic Lymph Thorax  | 20112                | Hodgkins Granulom Thorax | 20162                | Hodgkins Mix Cell Thorax |
| 20063                | Anaplastic Lymph Abdom   | 20113                | Hodgkins Granulom Abdom  | 20163                | Hodgkins Mix Cell Abdom  |
| 20064                | Anaplastic Lymph Axilla  | 20114                | Hodgkins Granulom Axilla | 20164                | Hodgkins Mix Cell Axilla |
| 20065                | Anaplastic Lymph Inguin  | 20115                | Hodgkins Granulom Inguin | 20165                | Hodgkins Mix Cell Inguin |
| 20066                | Anaplastic Lymph Pelvic  | 20116                | Hodgkins Granulom Pelvic | 20166                | Hodgkins Mix Cell Pelvic |
| 20067                | Anaplastic Lymph Spleen  | 20117                | Hodgkins Granulom Spleen | 20167                | Hodgkins Mix Cell Spleen |
| 20068                | Anaplastic Lymph Multip  | 20118                | Hodgkins Granulom Mult   | 20168                | Hodgkins Mix Cell Mult   |
| 20070                | Large Cell Lymph Xtrndl  | 20120                | Hdgk Src Unsp Xtrndl Org | 20170                | Lym Dplt Unsp Xtrndl Org |
| 20071                | Large Cell Lymphoma Head | 20121                | Hodgkins Sarcoma Head    | 20171                | Hodg Lymph Deplet Head   |
| 20072                | Large Cell Lymph Thorax  | 20122                | Hodgkins Sarcoma Thorax  | 20172                | Hodg Lymph Deplet Thorax |
| 20073                | Large Cell Lymph Abdom   | 20123                | Hodgkins Sarcoma Abdom   | 20173                | Hodg Lymph Deplet Abdom  |
| 20074                | Large Cell Lymph Axilla  | 20124                | Hodgkins Sarcoma Axilla  | 20174                | Hodg Lymph Deplet Axilla |

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|----------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|
| 20175                | Hodg Lymph Deplet Inguin | 20225                | Sezary's Disease Inguin  | 20265                | Mal Mastocytosis Inguin  |
| 20176                | Hodg Lymph Deplet Pelvic | 20226                | Sezary's Disease Pelvic  | 20266                | Mal Mastocytosis Pelvic  |
| 20177                | Hodg Lymph Deplet Spleen | 20227                | Sezary's Disease Spleen  | 20267                | Mal Mastocytosis Spleen  |
| 20178                | Hodg Lymph Deplet Mult   | 20228                | Sezary's Disease Mult    | 20268                | Mal Mastocytosis Mult    |
| 20190                | Hdgk Dis Unsp Xtrndl Org | 20230                | MIg Hist Unsp Xtrndl Org | 20270                | Periph T Cell Lym Xtrndl |
| 20191                | Hodgkins Dis Nos Head    | 20231                | Mal Histiocytosis Head   | 20271                | Periph T Cell Lymph Head |
| 20192                | Hodgkins Dis Nos Thorax  | 20232                | Mal Histiocytosis Thorax | 20272                | Periph T Cell Lym Thorax |
| 20193                | Hodgkins Dis Nos Abdom   | 20233                | Mal Histiocytosis Abdom  | 20273                | Periph T Cell Lym Abdom  |
| 20194                | Hodgkins Dis Nos Axilla  | 20234                | Mal Histiocytosis Axilla | 20274                | Periph T Cell Lym Axilla |
| 20195                | Hodgkins Dis Nos Inguin  | 20235                | Mal Histiocytosis Inguin | 20275                | Periph T Cell Lym Inguin |
| 20196                | Hodgkins Dis Nos Pelvic  | 20236                | Mal Histiocytosis Pelvic | 20276                | Periph T Cell Lym Pelvic |
| 20197                | Hodgkins Dis Nos Spleen  | 20237                | Mal Histiocytosis Spleen | 20277                | Periph T Cell Lym Spleen |
| 20198                | Hodgkins Dis Nos Mult    | 20238                | Mal Histiocytosis Mult   | 20278                | Periph T Cell Lym Multip |
| 20200                | Ndlr Lym Unsp Xtrndl Org | 20240                | Lk Rtctl Unsp Xtrndl Org | 20280                | Oth Lymp Unsp Xtrndl Org |
| 20201                | Nodular Lymphoma Head    | 20241                | Hairy-Cell Leukem Head   | 20281                | Lymphomas Nec Head       |
| 20202                | Nodular Lymphoma Thorax  | 20242                | Hairy-Cell Leukem Thorax | 20282                | Lymphomas Nec Thorax     |
| 20203                | Nodular Lymphoma Abdom   | 20243                | Hairy-Cell Leukem Abdom  | 20283                | Lymphomas Nec Abdom      |
| 20204                | Nodular Lymphoma Axilla  | 20244                | Hairy-Cell Leukem Axilla | 20284                | Lymphomas Nec Axilla     |
| 20205                | Nodular Lymphoma Inguin  | 20245                | Hairy-Cell Leukem Inguin | 20285                | Lymphomas Nec Inguin     |
| 20206                | Nodular Lymphoma Pelvic  | 20246                | Hairy-Cell Leukem Pelvic | 20286                | Lymphomas Nec Pelvic     |
| 20207                | Nodular Lymphoma Spleen  | 20247                | Hairy-Cell Leukem Spleen | 20287                | Lymphomas Nec Spleen     |
| 20208                | Nodular Lymphoma Mult    | 20248                | Hairy-Cell Leukem Mult   | 20288                | Lymphomas Nec Mult       |
| 20210                | Mycs Fng Unsp Xtrndl Org | 20250                | Ltr-Siwe Unsp Xtrndl Org | 20290                | Unsp Lym Unsp Xtrndl Org |
| 20211                | Mycosis Fungoides Head   | 20251                | Letterer-Siwe Dis Head   | 20291                | Lymphoid Mal Nec Head    |
| 20212                | Mycosis Fungoides Thorax | 20252                | Letterer-Siwe Dis Thorax | 20292                | Lymphoid Mal Nec Thorax  |
| 20213                | Mycosis Fungoides Abdom  | 20253                | Letterer-Siwe Dis Abdom  | 20293                | Lymphoid Mal Nec Abdom   |
| 20214                | Mycosis Fungoides Axilla | 20254                | Letterer-Siwe Dis Axilla | 20294                | Lymphoid Mal Nec Axilla  |
| 20215                | Mycosis Fungoides Inguin | 20255                | Letterer-Siwe Dis Inguin | 20295                | Lymphoid Mal Nec Inguin  |
| 20216                | Mycosis Fungoides Pelvic | 20256                | Letterer-Siwe Dis Pelvic | 20296                | Lymphoid Mal Nec Pelvic  |
| 20217                | Mycosis Fungoides Spleen | 20257                | Letterer-Siwe Dis Spleen | 20297                | Lymphoid Mal Nec Spleen  |
| 20218                | Mycosis Fungoides Mult   | 20258                | Letterer-Siwe Dis Mult   | 20298                | Lymphoid Mal Nec Mult    |
| 20220                | Szry Dis Unsp Xtrndl Org | 20260                | MIg Mast Unsp Xtrndl Org | 20300                | Mult Myelm W/O Remission |
| 20221                | Sezary's Disease Head    | 20261                | Mal Mastocytosis Head    | 20301                | Mult Myelm W Remission   |
| 20222                | Sezary's Disease Thorax  | 20262                | Mal Mastocytosis Thorax  | 20302                | Mult Myeloma In Relapse  |
| 20223                | Sezary's Disease Abdom   | 20263                | Mal Mastocytosis Abdom   | 20310                | Plsm Cell Leuk W/O Rmson |
| 20224                | Sezary's Disease Axilla  | 20264                | Mal Mastocytosis Axilla  | 20311                | Plsm Cell Leuk W Rmson   |

**2010 ICD-9-CM Codes, CMS-HCC Model**

| <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>    |
|----------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------------|
| 20312                | Plsm Cel Leuk In Relapse | 20592                | Myel Leuk Nos In Relapse | 20822                | Sbac Leu Uns Cl-Relapse    |
| 20380                | Oth Imnprfl Npl W/O Rmsn | 20600                | Act Mono Leuk W/O Rmsion | 20880                | Oth Leuk Uns Cl W/O Rmsn   |
| 20381                | Oth Imnprfl Npl W Rmsn   | 20601                | Act Mono Leuk W Rmsion   | 20881                | Oth Leuk Uns Cl W Rmsn     |
| 20382                | Oth Imnprfl Neo-Relapse  | 20602                | Act Mono Leuk In Relapse | 20882                | Oth Leuk Uns Cl-Relapse    |
| 20400                | Act Lym Leuk W/O Rmsion  | 20610                | Chr Mono Leuk W/O Rmsion | 20890                | Leukemia Nos W/O Remsion   |
| 20401                | Act Lym Leuk W Rmsion    | 20611                | Chr Mono Leuk W Rmsion   | 20891                | Leukemia Nos W Remission   |
| 20402                | Act Lymp Leuk In Relapse | 20612                | Chr Mono Leuk In Relapse | 20892                | Leukemia Nos In Relapse    |
| 20410                | Chr Lym Leuk W/O Rmsion  | 20620                | Sbac Mono Leuk W/O Rmsn  | 20900                | Mal Crcnoid Sm Intst Nos   |
| 20411                | Chr Lym Leuk W Rmsion    | 20621                | Sbac Mono Leuk W Rmsion  | 20901                | Malig Carcinoid Duodenum   |
| 20412                | Chr Lymp Leuk In Relapse | 20622                | Sbac Mono Leu In Relapse | 20902                | Malig Carcinoid Jejunum    |
| 20420                | Sbac Lym Leuk W/O Rmsion | 20680                | Oth Mono Leuk W/O Rmsion | 20903                | Malig Carcinoid Ileum      |
| 20421                | Sbac Lym Leuk W Rmsion   | 20681                | Oth Mono Leuk W Rmsion   | 20910                | Mal Crcnoid Lg Intst Nos   |
| 20422                | Sbac Lym Leuk In Relapse | 20682                | Oth Mono Leuk In Relapse | 20911                | Malig Carcinoid Appendix   |
| 20480                | Oth Lym Leuk W/O Rmsion  | 20690                | Uns Mono Leuk W/O Rmsion | 20912                | Malig Carcinoid Cecum      |
| 20481                | Oth Lym Leuk W Rmsion    | 20691                | Uns Mono Leuk W Rmsion   | 20913                | Mal Crcnoid Ascend Colon   |
| 20482                | Oth Lym Leuk In Relapse  | 20692                | Mono Leuk Nos Relapse    | 20914                | Mal Crcnoid Transv Colon   |
| 20490                | Uns Lym Leuk W/O Rmsion  | 20700                | Act Erth/Erylk W/O Rmsn  | 20915                | Mal Carcinoid Desc Colon   |
| 20491                | Uns Lym Leuk W Rmsion    | 20701                | Act Erth/Erylk W Rmsn    | 20916                | Mal Carcinoid Sig Colon    |
| 20492                | Lymp Leuk Nos Relapse    | 20702                | Ac Erth/Erylk In Relapse | 20917                | Malig Carcinoid Rectum     |
| 20500                | Act Myl Leuk W/O Rmsion  | 20710                | Chr Erythrm W/O Remision | 20920                | Mal Crcond Prim Site Unkn  |
| 20501                | Act Myl Leuk W Rmsion    | 20711                | Chr Erythrm W Remision   | 20921                | Mal Carcinoid Bronc/Lung   |
| 20502                | Act Myel Leuk In Relapse | 20712                | Chr Erythrmia In Relapse | 20922                | Malig Carcinoid Thymus     |
| 20510                | Chr Myl Leuk W/O Rmsion  | 20720                | Mgkrycyt Leuk W/O Rmsion | 20923                | Malig Carcinoid Stomach    |
| 20511                | Chr Myl Leuk W Rmsion    | 20721                | Mgkrycyt Leuk W Rmsion   | 20924                | Malig Carcinoid Kidney     |
| 20512                | Chr Myel Leuk In Relapse | 20722                | Mgkrycyt Leuk In Relapse | 20925                | Mal Carcnoid Foregut Nos   |
| 20520                | Sbac Myl Leuk W/O Rmsion | 20780                | Oth Spf Leuk W/O Remsion | 20926                | Mal Carcinoid Midgut Nos   |
| 20521                | Sbac Myl Leuk W Rmsion   | 20781                | Oth Spf Leuk W Remsion   | 20927                | Mal Carcnoid Hindgut Nos   |
| 20522                | Sbac Myl Leuk In Relapse | 20782                | Oth Spf Leuk In Relapse  | 20929                | Malig Carcinoid Oth Site   |
| 20530                | Myl Srcoma W/O Rmsion    | 20800                | Act Leuk Uns Cl W/O Rmsn | 20930                | Malig Neuroendo Ca Nos     |
| 20531                | Myl Srcoma W Rmsion      | 20801                | Act Leuk Uns Cl W Rmsn   | 20931                | MRKL CL CARCNMA FACE       |
| 20532                | Myel Sarcoma In Relapse  | 20802                | Ac Leuk Uns Cl Relapse   | 20932                | MRKL CL CARCNMA SCLP/NECK  |
| 20580                | Oth Myl Leuk W/O Rmsion  | 20810                | Chr Leuk Uns Cl W/O Rmsn | 20933                | MRKL CL CARCNMA UPPER LMB  |
| 20581                | Oth Myl Leuk W Rmsion    | 20811                | Chr Leuk Uns Cl W Rmsn   | 20934                | MRKL CL CARCNMA LOWER LMB  |
| 20582                | Oth Myel Leuk In Relapse | 20812                | Ch Leu Uns Cl In Relapse | 20935                | MRKL CL CARCNMA TRUNK      |
| 20590                | Uns Myl Leuk W/O Rmsion  | 20820                | Sbac Leuk Uns Cl W/O Rms | 20936                | MRKL CL CARCNMA OTHR SITES |
| 20591                | Uns Myl Leuk W Rmsion    | 20821                | Sbac Leuk Uns Cl W Rmsn  | 20975                | SECONDR MRKL CL CARCNMA    |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description          | ICD-9-CM Code | ICD9 Description          | ICD-9-CM Code | ICD9 Description         |
|---------------|---------------------------|---------------|---------------------------|---------------|--------------------------|
| 2250          | Benign Neoplasm Brain     | 24960         | Sec Dm Neuro Nt St Uncn   | 25070         | Dmii Circ Nt St Uncntrl  |
| 2251          | Benign Neo Cranial Nerve  | 24961         | Sec Dm Neuro Uncontrl     | 25071         | Dmi Circ Nt St Uncntrl   |
| 2252          | Ben Neo Cerebr Meninges   | 24970         | Sec Dm Circ Nt St Uncntr  | 25072         | Dmii Circ Uncntrl        |
| 2253          | Benign Neo Spinal Cord    | 24971         | Sec Dm Circ Uncontrl      | 25073         | Dmi Circ Uncntrl         |
| 2254          | Ben Neo Spinal Meninges   | 24980         | Sec Dm Oth Nt St Uncontr  | 25080         | Dmii Oth Nt St Uncntrl   |
| 2258          | Benign Neo Nerv Sys Nec   | 24981         | Sec Dm Other Uncontrl     | 25081         | Dmi Oth Nt St Uncntrl    |
| 2259          | Benign Neo Nerv Sys Nos   | 24990         | Sec Dm Unsp Nt St Uncon   | 25082         | Dmii Oth Uncntrl         |
| 2273          | Benign Neo Pituitary      | 24991         | Sec Dm Unsp Uncontrold    | 25083         | Dmi Oth Uncntrl          |
| 2274          | Ben Neopl Pineal Gland    | 25000         | Dmii Wo Cmp Nt St Uncntr  | 25090         | Dmii Unspf Nt St Uncntrl |
| 22802         | Hemangioma Intracranial   | 25001         | Dmi Wo Cmp Nt St Uncntrl  | 25091         | Dmi Unspf Nt St Uncntrl  |
| 2370          | Unc Behav Neo Pituitary   | 25002         | Dmii Wo Cmp Uncntrl       | 25092         | Dmii Unspf Uncntrl       |
| 2371          | Unc Behav Neo Pineal      | 25003         | Dmi Wo Cmp Uncntrl        | 25093         | Dmi Unspf Uncntrl        |
| 2373          | Unc Behav Neo Paragang    | 25010         | Dmii Keto Nt St Uncntrl   | 2514          | Abn Secretion Glucagon   |
| 2375          | Unc Beh Neo Brain/Spinal  | 25011         | Dmi Keto Nt St Uncntrl    | 2515          | Abnorm Secretion Gastrin |
| 2376          | Unc Behav Neo Meninges    | 25012         | Dmii Ketoacd Uncontrold   | 2518          | Pancreatic Disorder Nec  |
| 23770         | Neurofibromatosis Nos     | 25013         | Dmi Ketoacd Uncontrold    | 2519          | Pancreatic Disorder Nos  |
| 23771         | Neurofibromatosis Type I  | 25020         | Dmii Hprsm Nt St Uncntrl  | 2592          | Carcinoid Syndrome       |
| 23772         | Neurofibromatosis Typ Ii  | 25021         | Dmi Hprsm Nt St Uncntrl   | 260           | Kwashiorkor              |
| 2379          | Unc Beh Neo Nerv Sys Nec  | 25022         | Dmii Hprosmrlr Uncontrold | 261           | Nutritional Marasmus     |
| 23872         | Low Grade Myelodysplastic | 25023         | Dmi Hprosmrlr Uncontrold  | 262           | Oth Severe Malnutrition  |
| 23873         | High Grade Myelodysplasti | 25030         | Dmii O Cm Nt St Uncntrl   | 2630          | Malnutrition Mod Degree  |
| 23874         | Myelodysplastic Syndrome  | 25031         | Dmi O Cm Nt St Uncntrl    | 2631          | Malnutrition Mild Degree |
| 23875         | Myelodysplastic Syndrome, | 25032         | Dmii Oth Coma Uncontrold  | 2632          | Arrest Devel D/T Malnutr |
| 2396          | Brain Neoplasm Nos        | 25033         | Dmi Oth Coma Uncontrold   | 2638          | Protein-Cal Malnutr Nec  |
| 24900         | Sec Dm Wo Cmp Nt St Uncn  | 25040         | Dmii Renl Nt St Uncntrl   | 2639          | Protein-Cal Malnutr Nos  |
| 24901         | Sec Dm Wo Comp Uncontrl   | 25041         | Dmi Renl Nt St Uncntrl    | 27700         | Cystic Fibros W/O Ileus  |
| 24910         | Sec Dm Keto Nt St Uncntr  | 25042         | Dmii Renal Uncntrl        | 27701         | Cystic Fibrosis W Ileus  |
| 24911         | Sec Dm Ketoacd Uncntrl    | 25043         | Dmi Renal Uncntrl         | 27702         | Cystic Fibros W Pul Man  |
| 24920         | Sec Dm Hpros Nt St Uncnr  | 25050         | Dmii Opth Nt St Uncntrl   | 27703         | Cystic Fibrosis W Gi Man |
| 24921         | Sec Dm Hprosmrlr Uncntrl  | 25051         | Dmi Opth Nt St Uncntrl    | 27709         | Cystic Fibrosis Nec      |
| 24930         | Sec Dm Ot Cma Nt St Uncn  | 25052         | Dmii Opth Uncntrl         | 27900         | Hypogammaglobulinem Nos  |
| 24931         | Sec Dm Oth Coma Uncntrl   | 25053         | Dmi Opth Uncntrl          | 27901         | Selective Iga Immunodef  |
| 24940         | Sec Dm Renl Nt St Uncntr  | 25060         | Dmii Neuro Nt St Uncntrl  | 27902         | Selective Igm Immunodef  |
| 24941         | Sec Dm Renal Uncontrl     | 25061         | Dmi Neuro Nt St Uncntrl   | 27903         | Selective Ig Defic Nec   |
| 24950         | Sec Dm Opth Nt St Uncn    | 25062         | Dmii Neuro Uncntrl        | 27904         | Cong Hypogammaglobulinem |
| 24951         | Sec Dm Opth Uncontrl      | 25063         | Dmi Neuro Uncntrl         | 27905         | Immunodefic W Hyper-Igm  |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description         |
|---------------|---------------------------|---------------|---------------------------|---------------|--------------------------|
| 27906         | Common Variabl Immunodef  | 28489         | Aplastic Anemias Nec      | 29501         | Simpl Schizophren-Subchr |
| 27909         | Humoral Immunity Def Nec  | 2849          | Aplastic Anemia Nos       | 29502         | Simple Schizophren-Chr   |
| 27910         | Immundef T-Cell Def Nos   | 2860          | Cong Factor Viii Diord    | 29503         | Simp Schiz-Subchr/Exacer |
| 27911         | Digeorge's Syndrome       | 2861          | Cong Factor Ix Disorder   | 29504         | Simpl Schizo-Chr/Exacerb |
| 27912         | Wiskott-Aldrich Syndrome  | 28800         | Neutropenia, Unspecified  | 29505         | Simpl Schizophren-Remiss |
| 27913         | Nezelof's Syndrome        | 28801         | Congenital Neutropenia    | 29510         | Hebephrenia-Unspec       |
| 27919         | Defic Cell Immunity Nos   | 28802         | Cyclic Neutropenia        | 29511         | Hebephrenia-Subchronic   |
| 2792          | Combined Immunity Defic   | 28803         | Drug Induced Neutropenia  | 29512         | Hebephrenia-Chronic      |
| 2793          | Immunity Deficiency Nos   | 28804         | Neutropenia Due To Infect | 29513         | Hebephren-Subchr/Exacerb |
| 2794          | Autoimmune Disease Nec    | 28809         | Other Neutropenia         | 29514         | Hebephrenia-Chr/Exacerb  |
| 27950         | Graft-Versus-Host Nos     | 2881          | Function Dis Neutrophils  | 29515         | Hebephrenia-Remission    |
| 27951         | Ac Graft-Versus-Host Dis  | 2882          | Genetic Anomaly Leukocyt  | 29520         | Catatonia-Unspec         |
| 27952         | Chronc Graft-Vs-Host Dis  | 2884          | Hemophagocytic Syndromes  | 29521         | Catatonia-Subchronic     |
| 27953         | Ac On Chrn Grft-Vs-Host   | 28952         | Splenic Sequestration     | 29522         | Catatonia-Chronic        |
| 2798          | Immune Mechanism Dis Nec  | 2910          | Delirium Tremens          | 29523         | Catatonia-Subchr/Exacerb |
| 2799          | Immune Mechanism Dis Nos  | 2911          | Alcohol Amnestic Disordr  | 29524         | Catatonia-Chr/Exacerb    |
| 28241         | Thlasema Hb-S W/O Crisis  | 2912          | Alcohol Persist Dementia  | 29525         | Catatonia-Remission      |
| 28242         | Thlassemia Hb-S W Crisis  | 2913          | Alcoh Psy Dis W Hallucin  | 29530         | Paranoid Schizo-Unspec   |
| 28260         | Sickle Cell Disease Nos   | 2914          | Pathologic Alcohol Intox  | 29531         | Paranoid Schizo-Subchr   |
| 28261         | Hb-Ss Disease W/O Crisis  | 2915          | Alcoh Psych Dis W Delus   | 29532         | Paranoid Schizo-Chronic  |
| 28262         | Hb-Ss Disease W Crisis    | 29181         | Alcohol Withdrawal        | 29533         | Paran Schizo-Subchr/Exac |
| 28263         | Hb-Ss/Hb-C Dis W/O Crsis  | 29182         | Alcoh Induce Sleep Disor  | 29534         | Paran Schizo-Chr/Exacerb |
| 28264         | Hb-S/Hb-C Dis W Crisis    | 29189         | Alcohol Mental Disor Nec  | 29535         | Paranoid Schizo-Remiss   |
| 28268         | Hb-S Dis W/O Crisis Nec   | 2919          | Alcohol Mental Disor Nos  | 29540         | Schizophreniform Dis Nos |
| 28269         | Hb-Ss Dis Nec W Crisis    | 2920          | Drug Withdrawal           | 29541         | Schizophrenic Dis-Subchr |
| 2830          | Autoimmun Hemolytic Anem  | 29211         | Drug Psych Disor W Delus  | 29542         | Schizophren Dis-Chronic  |
| 28310         | Nonauto Hem Anemia Nos    | 29212         | Drug Psy Dis W Hallucin   | 29543         | Schizo Dis-Subchr/Exacer |
| 28311         | Hemolytic Uremic Synd     | 2922          | Pathologic Drug Intox     | 29544         | Schizophr Dis-Chr/Exacer |
| 28319         | Oth Nonauto Hem Anemia    | 29281         | Drug-Induced Delirium     | 29545         | Schizophrenic Dis-Remiss |
| 2832          | Hemolytic Hemoglobinuria  | 29282         | Drug Persisting Dementia  | 29550         | Latent Schizophren-Unsp  |
| 2839          | Acq Hemolytic Anemia Nos  | 29283         | Drug Persist Amnestic Dis | 29551         | Lat Schizophren-Subchr   |
| 28401         | Constitutional Red Blood  | 29284         | Drug-Induced Mood Disord  | 29552         | Latent Schizophren-Chr   |
| 28409         | Other Constitutional Apla | 29285         | Drug Induced Sleep Disor  | 29553         | Lat Schizo-Subchr/Exacer |
| 2841          | Pancytopenia              | 29289         | Drug Mental Disorder Nec  | 29554         | Latent Schizo-Chr/Exacer |
| 2842          | Myelophthisis             | 2929          | Drug Mental Disorder Nos  | 29555         | Lat Schizophren-Remiss   |
| 28481         | Red Cell Aplasia          | 29500         | Simpl Schizophren-Unspec  | 29560         | Schizophr Dis Resid Nos  |

**2010 ICD-9-CM Codes, CMS-HCC Model**

| <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>   | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>  |
|----------------------|---------------------------|----------------------|--------------------------|----------------------|--------------------------|
| 29561                | Schizophr Dis Resid-Subch | 29616                | Recur Manic-Full Remiss  | 2967                 | Bipolar I Current Nos    |
| 29562                | Schizophr Dis Resid-Chr   | 29620                | Depress Psychosis-Unspec | 29680                | Bipolar Disorder Nos     |
| 29563                | Schizo Resid Subchr/Exac  | 29621                | Depress Psychosis-Mild   | 29681                | Atypical Manic Disorder  |
| 29564                | Schizophr Resid-Chro/Exac | 29622                | Depressive Psychosis-Mod | 29682                | Atypical Depressive Dis  |
| 29565                | Schizophr Dis Resid-Remis | 29623                | Depress Psychosis-Severe | 29689                | Bipolar Disorder Nec     |
| 29570                | Schizoaffective Dis Nos   | 29624                | Depr Psychos-Sev W Psych | 29690                | Episodic Mood Disord Nos |
| 29571                | Schizoaffectv Dis-Subchr  | 29625                | Depr Psychos-Part Remiss | 29699                | Episodic Mood Disord Nec |
| 29572                | Schizoaffective Dis-Chr   | 29626                | Depr Psychos-Full Remiss | 2970                 | Paranoid State, Simple   |
| 29573                | Schizoaff Dis-Subch/Exac  | 29630                | Recurr Depr Psychos-Unsp | 2971                 | Delusional Disorder      |
| 29574                | Schizoafftv Dis-Chr/Exac  | 29631                | Recurr Depr Psychos-Mild | 2972                 | Paraphrenia              |
| 29575                | Schizoaffective Dis-Remis | 29632                | Recurr Depr Psychos-Mod  | 2973                 | Shared Psychotic Disord  |
| 29580                | Schizophrenia Nec-Unspec  | 29633                | Recur Depr Psych-Severe  | 2978                 | Paranoid States Nec      |
| 29581                | Schizophrenia Nec-Subchr  | 29634                | Rec Depr Psych-Psychotic | 2979                 | Paranoid State Nos       |
| 29582                | Schizophrenia Nec-Chr     | 29635                | Recur Depr Psyc-Part Rem | 30300                | Ac Alcohol Intox-Unspec  |
| 29583                | Schizo Nec-Subchr/Exacer  | 29636                | Recur Depr Psyc-Full Rem | 30301                | Ac Alcohol Intox-Contin  |
| 29584                | Schizo Nec-Chr/Exacerb    | 29640                | Bipol I Currt Manic Nos  | 30302                | Ac Alcohol Intox-Episod  |
| 29585                | Schizophrenia Nec-Remiss  | 29641                | Bipol I Currt Manic-Mild | 30303                | Ac Alcohol Intox-Remiss  |
| 29590                | Schizophrenia Nos-Unspec  | 29642                | Bipol I Currt Manic-Mod  | 30390                | Alcoh Dep Nec/Nos-Unspec |
| 29591                | Schizophrenia Nos-Subchr  | 29643                | Bipol I Manc-Sev W/O Psy | 30391                | Alcoh Dep Nec/Nos-Contin |
| 29592                | Schizophrenia Nos-Chr     | 29644                | Bipol I Manic-Sev W Psy  | 30392                | Alcoh Dep Nec/Nos-Episod |
| 29593                | Schizo Nos-Subchr/Exacer  | 29645                | Bipol I Cur Man Part Rem | 30393                | Alcoh Dep Nec/Nos-Remiss |
| 29594                | Schizo Nos-Chr/Exacerb    | 29646                | Bipol I Cur Man Full Rem | 30400                | Opioid Dependence-Unspec |
| 29595                | Schizophrenia Nos-Remiss  | 29650                | Bipol I Cur Depres Nos   | 30401                | Opioid Dependence-Contin |
| 29600                | Bipol I Single Manic Nos  | 29651                | Bipol I Cur Depress-Mild | 30402                | Opioid Dependence-Episod |
| 29601                | Bipol I Single Manc-Mild  | 29652                | Bipol I Cur Depress-Mod  | 30403                | Opioid Dependence-Remiss |
| 29602                | Bipol I Single Manic-Mod  | 29653                | Bipol I Curr Dep W/O Psy | 30410                | Sed,Hyp,Anxiolyt Dep-Nos |
| 29603                | Bipol I Sing-Sev W/O Psy  | 29654                | Bipol I Currt Dep W Psy  | 30411                | Sed,Hyp,Anxiolyt Dep-Con |
| 29604                | Bipo I Sin Man-Sev W Psy  | 29655                | Bipol I Cur Dep Rem Nos  | 30412                | Sed,Hyp,Anxiolyt Dep-Epi |
| 29605                | Bipol I Sing Man Rem Nos  | 29656                | Bipol I Currt Dep Remis  | 30413                | Sed,Hyp,Anxiolyt Dep-Rem |
| 29606                | Bipol I Single Manic Rem  | 29660                | Bipol I Currt Mixed Nos  | 30420                | Cocaine Depend-Unspec    |
| 29610                | Recur Manic Dis-Unspec    | 29661                | Bipol I Currt Mix-Mild   | 30421                | Cocaine Depend-Contin    |
| 29611                | Recur Manic Dis-Mild      | 29662                | Bipol I Currt Mixed-Mod  | 30422                | Cocaine Depend-Episodic  |
| 29612                | Recur Manic Dis-Mod       | 29663                | Bipol I Cur Mix W/O Psy  | 30423                | Cocaine Depend-Remiss    |
| 29613                | Recur Manic Dis-Severe    | 29664                | Bipol I Cur Mixed W Psy  | 30430                | Cannabis Depend-Unspec   |
| 29614                | Recur Manic-Sev W Psycho  | 29665                | Bipol I Cur Mix-Part Rem | 30431                | Cannabis Depend-Contin   |
| 29615                | Recur Manic-Part Remiss   | 29666                | Bipol I Cur Mixed Remiss | 30432                | Cannabis Depend-Episodic |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description          | ICD-9-CM Code | ICD9 Description          |
|---------------|--------------------------|---------------|---------------------------|---------------|---------------------------|
| 30433         | Cannabis Depend-Remiss   | 3348          | Spinocerebellar Dis Nec   | 34202         | Fleccd Hmiplg Nondmnt Sde |
| 30440         | Amphetamin Depend-Unspec | 3349          | Spinocerebellar Dis Nos   | 34210         | Spstc Hmiplga Unspf Side  |
| 30441         | Amphetamin Depend-Contin | 3350          | Werdnig-Hoffmann Disease  | 34211         | Spstc Hmiplga Domnt Side  |
| 30442         | Amphetamin Depend-Episod | 33510         | Spinal Muscl Atrophy Nos  | 34212         | Spstc Hmiplg Nondmnt Sde  |
| 30443         | Amphetamin Depend-Remiss | 33511         | Kugelberg-Welander Dis    | 34280         | Ot Sp Hmiplga Unspf Side  |
| 30450         | Hallucinogen Dep-Unspec  | 33519         | Spinal Muscl Atrophy Nec  | 34281         | Ot Sp Hmiplga Domnt Side  |
| 30451         | Hallucinogen Dep-Contin  | 33520         | Amyotrophic Sclerosis     | 34282         | Ot Sp Hmiplg Nondmnt Sde  |
| 30452         | Hallucinogen Dep-Episod  | 33521         | Prog Muscular Atrophy     | 34290         | Unsp Hemiplga Unspf Side  |
| 30453         | Hallucinogen Dep-Remiss  | 33522         | Progressive Bulbar Palsy  | 34291         | Unsp Hemiplga Domnt Side  |
| 30460         | Drug Depend Nec-Unspec   | 33523         | Pseudobulbar Palsy        | 34292         | Unsp Hmiplga Nondmnt Sde  |
| 30461         | Drug Depend Nec-Contin   | 33524         | Prim Lateral Sclerosis    | 3430          | Congenital Diplegia       |
| 30462         | Drug Depend Nec-Episodic | 33529         | Motor Neuron Disease Nec  | 3431          | Congenital Hemiplegia     |
| 30463         | Drug Depend Nec-In Rem   | 3358          | Ant Horn Cell Dis Nec     | 3432          | Congenital Quadriplegia   |
| 30470         | Opioid/Other Dep-Unspec  | 3359          | Ant Horn Cell Dis Nos     | 3433          | Congenital Monoplegia     |
| 30471         | Opioid/Other Dep-Contin  | 3360          | Syringomyelia             | 3434          | Infantile Hemiplegia      |
| 30472         | Opioid/Other Dep-Episod  | 3361          | Vascular Myelopathies     | 3438          | Cerebral Palsy Nec        |
| 30473         | Opioid/Other Dep-Remiss  | 3362          | Comb Deg Cord In Oth Dis  | 3439          | Cerebral Palsy Nos        |
| 30480         | Comb Drug Dep Nec-Unspec | 3363          | Myelopathy In Oth Dis     | 34400         | Quadriplegia, Unspecifd   |
| 30481         | Comb Drug Dep Nec-Contin | 3368          | Myelopathy Nec            | 34401         | Quadrplg C1-C4, Complete  |
| 30482         | Comb Drug Dep Nec-Episod | 3369          | Spinal Cord Disease Nos   | 34402         | Quadrplg C1-C4, Incomplt  |
| 30483         | Comb Drug Dep Nec-Remiss | 33700         | Idio Perph Auto Neur Nos  | 34403         | Quadrplg C5-C7, Complete  |
| 30490         | Drug Depend Nos-Unspec   | 33709         | Idio Perph Auto Neur Nec  | 34404         | Quadrplg C5-C7, Incomplt  |
| 30491         | Drug Depend Nos-Contin   | 3371          | Aut Neurophy In Oth Dis   | 34409         | Other Quadriplegia        |
| 30492         | Drug Depend Nos-Episodic | 33720         | Unsp Rflx Symph Dystroph  | 3441          | Paraplegia Nos            |
| 30493         | Drug Depend Nos-Remiss   | 33721         | Rflx Sym Dystroph Up Limb | 3442          | Diplegia Of Upper Limbs   |
| 3210          | Cryptococcal Meningitis  | 33722         | Rflx Sym Dystroph Lwr Lmb | 34430         | Monplga Lwr Lmb Unsp Sde  |
| 3320          | Paralysis Agitans        | 33729         | Rflx Sym Dystroph Oth St  | 34431         | Monplga Lwr Lmb Dmnt Sde  |
| 3321          | Secondary Parkinsonism   | 3373          | Autonomic Dysreflexia     | 34432         | Mnplg Lwr Lmb Nondmnt Sd  |
| 3330          | Degen Basal Ganglia Nec  | 3379          | Autonomic Nerve Dis Nec   | 34440         | Monplga Upr Lmb Unsp Sde  |
| 3334          | Huntington's Chorea      | 340           | Multiple Sclerosis        | 34441         | Monplga Upr Lmb Dmnt Sde  |
| 33371         | Athetoid Cerebral Palsy  | 3410          | Neuromyelitis Optica      | 34442         | Mnplg Upr Lmb Nondmnt Sd  |
| 3340          | Friedreich's Ataxia      | 3411          | Schilder's Disease        | 3445          | Monoplegia Nos            |
| 3341          | Hered Spastic Paraplegia | 3418          | Cns Demyelination Nec     | 34460         | Cauda Equina Synd Nos     |
| 3342          | Primary Cerebellar Degen | 3419          | Cns Demyelination Nos     | 34461         | Neurogenic Bladder        |
| 3343          | Cerebellar Ataxia Nec    | 34200         | Fleccd Hmiplga Unspf Side | 34481         | Locked-In State           |
| 3344          | Cerebel Atax In Oth Dis  | 34201         | Fleccd Hmiplga Domnt Side | 34489         | Oth Spcf Paralytic Synd   |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description          | ICD-9-CM Code | ICD9 Description         |
|---------------|--------------------------|---------------|---------------------------|---------------|--------------------------|
| 3449          | Paralysis Nos            | 3575          | Alcoholic Polyneuropathy  | 40402         | Mal Hy Hrt/Kid W Chr Kid |
| 34500         | Gen Nonev Ep W/O Intr Ep | 3576          | Neuropathy Due To Drugs   | 40403         | Mal Hyp Hrt/Kid W Hf/Kid |
| 34501         | Gen Nonconv Ep W Intr Ep | 3577          | Neurpthy Toxic Agent Nec  | 40403         | Mal Hyp Hrt/Kid W Hf/Kid |
| 34510         | Gen Cnv Epil W/O Intr Ep | 35781         | Chr Inflam Polyneuritis   | 40411         | Ben Hyp Hrt/Kid W Hf     |
| 34511         | Gen Cnv Epil W Intr Epil | 35782         | Crit Illness Neuropathy   | 40412         | Ben Hyp Ht/Kid W Chr Kid |
| 3452          | Petit Mal Status         | 35789         | Inflam/Tox Neuropthy Nec  | 40413         | Ben Hyp Ht/Kid W Hf/Kid  |
| 3453          | Grand Mal Status         | 3579          | Inflam/Tox Neuropthy Nos  | 40413         | Ben Hyp Ht/Kid W Hf/Kid  |
| 34540         | Psymotr Epil W/O Int Epi | 35800         | Mysthna Grvs W/O Ac Exac  | 40491         | Hyp Hrt/Kid Nos W Hf     |
| 34541         | Psymotr Epil W Intr Epil | 35801         | Myasthna Gravs W Ac Exac  | 40492         | Hyp Ht/Kid Nos W Chr Kid |
| 34550         | Part Epil W/O Intr Epil  | 3581          | Myasthenia In Oth Dis     | 40493         | Hyp Hrt/Kid Nos W Hf/Kid |
| 34551         | Part Epil W Intr Epil    | 3582          | Toxic Myoneural Disorder  | 40493         | Hyp Hrt/Kid Nos W Hf/Kid |
| 34560         | Inf Spasm W/O Intr Epil  | 3588          | Myoneural Disorders Nec   | 41000         | Ami Anterolateral,Unspec |
| 34561         | Inf Spasm W Intract Epil | 3589          | Myoneural Disorders Nos   | 41001         | Ami Anterolateral, Init  |
| 34570         | Epil Par Cont W/O Int Ep | 3590          | Cong Hered Musc Dystrophy | 41002         | Ami Anterolateral,Subseq |
| 34571         | Epil Par Cont W Intr Epi | 3591          | Hered Prog Musc Dystrophy | 41010         | Ami Anterior Wall,Unspec |
| 34580         | Epilep Nec W/O Intr Epil | 35921         | Myotonic Musclr Dystrophy | 41011         | Ami Anterior Wall, Init  |
| 34581         | Epilepsy Nec W Intr Epil | 35922         | Myotonia Congenita        | 41012         | Ami Anterior Wall,Subseq |
| 34590         | Epilep Nos W/O Intr Epil | 35923         | Myotonic Chondrodystrophy | 41020         | Ami Inferolateral,Unspec |
| 34591         | Epilepsy Nos W Intr Epil | 35924         | Drug Induced Myotonia     | 41021         | Ami Inferolateral, Init  |
| 3481          | Anoxic Brain Damage      | 35929         | Myotonic Disorder Nec     | 41022         | Ami Inferolateral,Subseq |
| 3484          | Compression Of Brain     | 3593          | Famil Periodic Paralysis  | 41030         | Ami Inferopost, Unspec   |
| 3485          | Cerebral Edema           | 3594          | Toxic Myopathy            | 41031         | Ami Inferopost, Initial  |
| 3491          | Complication Cns Device  | 3595          | Myopathy In Endocrin Dis  | 41032         | Ami Inferopost, Subseq   |
| 3536          | Phantom Limb (Syndrome)  | 3596          | Infl Myopathy In Oth Dis  | 41040         | Ami Inferior Wall,Unspec |
| 3560          | Hered Periph Neuropathy  | 35981         | Critical Illness Myopathy | 41041         | Ami Inferior Wall, Init  |
| 3561          | Peroneal Muscle Atrophy  | 35989         | Myopathies Nec            | 41042         | Ami Inferior Wall,Subseq |
| 3562          | Hered Sensory Neuropathy | 3599          | Myopathy Nos              | 41050         | Ami Lateral Nec, Unspec  |
| 3563          | Refsum's Disease         | 36202         | Prolif Diab Retinopathy   | 41051         | Ami Lateral Nec, Initial |
| 3564          | Idio Prog Polyneuropathy | 37923         | Vitreous Hemorrhage       | 41052         | Ami Lateral Nec, Subseq  |
| 3568          | Idio Periph Neurpthy Nec | 40201         | Mal Hypert Hrt Dis W Hf   | 41060         | True Post Infarct,Unspec |
| 3569          | Idio Periph Neurpthy Nos | 40211         | Benign Hyp Ht Dis W Hf    | 41061         | True Post Infarct, Init  |
| 3570          | Ac Infect Polyneuritis   | 40291         | Hyp Ht Dis Nos W Ht Fail  | 41062         | True Post Infarct,Subseq |
| 3571          | Neurpthy In Col Vasc Dis | 40301         | Mal Hyp Kidney W Chr Kid  | 41070         | Subendo Infarct, Unspec  |
| 3572          | Neuropathy In Diabetes   | 40311         | Ben Hyp Kidney W Chr Kid  | 41071         | Subendo Infarct, Initial |
| 3573          | Neuropathy In Malig Dis  | 40391         | Hyp Kidney Nos W Chr Kid  | 41072         | Subendo Infarct, Subseq  |
| 3574          | Neuropathy In Other Dis  | 40401         | Mal Hyp Hrt/Kidney W Hf   | 41080         | Ami Nec, Unspecified     |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description         |
|---------------|---------------------------|---------------|---------------------------|---------------|--------------------------|
| 41081         | Ami Nec, Initial          | 4270          | Parox Atrial Tachycardia  | 43331         | Ocl Mlt Bi Art W Infrc   |
| 41082         | Ami Nec, Subsequent       | 4271          | Parox Ventric Tachycard   | 43381         | Ocl Spcf Art W Infrc     |
| 41090         | Ami Nos, Unspecified      | 4272          | Parox Tachycardia Nos     | 43391         | Ocl Art Nos W Infrc      |
| 41091         | Ami Nos, Initial          | 42731         | Atrial Fibrillation       | 43401         | Crbl Thrms W Infrc       |
| 41092         | Ami Nos, Subsequent       | 42732         | Atrial Flutter            | 43411         | Crbl Emblsm W Infrc      |
| 4110          | Post Mi Syndrome          | 42741         | Ventricular Fibrillation  | 43491         | Crbl Art Ocl Nos W Infrc |
| 4111          | Intermed Coronary Synd    | 42742         | Ventricular Flutter       | 436           | Cva                      |
| 41181         | Acute Cor Occlsn W/O Mi   | 4275          | Cardiac Arrest            |               | intentional blank        |
| 41189         | Ac Ischemic Hrt Dis Nec   | 42781         | Sinoatrial Node Dysfunct  |               | intentional blank        |
| 412           | Old Myocardial Infarct    | 4280          | Chf Nos                   | 43820         | Late Ef-Hemplga Side Nos |
| 4130          | Angina Decubitus          | 4281          | Left Heart Failure        | 43821         | Late Ef-Hemplga Dom Side |
| 4131          | Prinzmetal Angina         | 42820         | Systolic Hrt Failure Nos  | 43822         | Late Ef-Hemiplga Non-Dom |
| 4139          | Angina Pectoris Nec/Nos   | 42821         | Ac Systolic Hrt Failure   | 43830         | Late Ef-Mplga Up Lmb Nos |
| 4150          | Acute Cor Pulmonale       | 42822         | Chr Systolic Hrt Failure  | 43831         | Late Ef-Mplga Up Lmb Dom |
| 41511         | Iatrogen Pulm Emb/Infarc  | 42823         | Ac On Chr Syst Hrt Fail   | 43832         | Lt Ef-Mplga Uplmb Nondom |
| 41512         | Septic Pulmonary Embolism | 42830         | Diastolic Hrt Failure Nos | 43840         | Lte Ef-Mplga Low Lmb Nos |
| 41519         | Pulm Embol/Infarct Nec    | 42831         | Ac Diastolic Hrt Failure  | 43841         | Lte Ef-Mplga Low Lmb Dom |
| 4160          | Prim Pulm Hypertension    | 42832         | Chr Diastolic Hrt Fail    | 43842         | Lt Ef-Mplga Lowlmb Nondm |
| 4161          | Kyphoscoliotic Heart Dis  | 42833         | Ac On Chr Diast Hrt Fail  | 43850         | Lt Ef Oth Paral Side Nos |
| 4162          | CHRONIC PULMNRY EMBOLISM  | 42840         | Syst/Diast Hrt Fail Nos   | 43851         | Lt Ef Oth Paral Dom Side |
| 4168          | Chr Pulmon Heart Dis Nec  | 42841         | Ac Syst/Diastol Hrt Fail  | 43852         | Lt Ef Oth Parals Non-Dom |
| 4169          | Chr Pulmon Heart Dis Nos  | 42842         | Chr Syst/Diastl Hrt Fail  | 43853         | Lt Ef Oth Parals-Bilat   |
| 4170          | Arterioven Fistu Pul Ves  | 42843         | Ac/Chr Syst/Dia Hrt Fail  | 4400          | Aortic Atherosclerosis   |
| 4171          | Pulmon Artery Aneurysm    | 4289          | Heart Failure Nos         | 4401          | Renal Artery Atheroscler |
| 4178          | Pulmon Circulat Dis Nec   | 4290          | Myocarditis Nos           | 44020         | Athscl Extrm Ntv Art Nos |
| 4179          | Pulmon Circulat Dis Nos   | 4291          | Myocardial Degeneration   | 44021         | Ath Ext Ntv At W Claudct |
| 4250          | Endomyocardial Fibrosis   | 4295          | Chordae Tendinae Rupture  | 44022         | Ath Ext Ntv At W Rst Pn  |
| 4251          | Hyperttr Obstr Cardiomyop | 4296          | Papillary Muscle Rupture  | 44023         | Ath Ext Ntv Art Ulcrtion |
| 4252          | Obsc Afric Cardiomyopath  | 430           | Subarachnoid Hemorrhage   | 44024         | Ath Ext Ntv Art Gngrene  |
| 4253          | Endocard Fibroelastosis   | 431           | Intracerebral Hemorrhage  | 44029         | Athrc Extrm Ntv Art Oth  |
| 4254          | Prim Cardiomyopathy Nec   | 4320          | Nontraum Extradural Hem   | 44030         | Athscl Extrm Bps Gft Nos |
| 4255          | Alcoholic Cardiomyopathy  | 4321          | Subdural Hemorrhage       | 44031         | Ath Ext Autologs Bps Gft |
| 4257          | Metabolic Cardiomyopathy  | 4329          | Intracranial Hemorr Nos   | 44032         | Ath Ext Nonautlg Bps Gft |
| 4258          | Cardiomyopath In Oth Dis  | 43301         | Ocl Bslr Art W Infrc      | 4404          | Chr Tot Occl Art Extrem  |
| 4259          | Second Cardiomyopath Nos  | 43311         | Ocl Crtd Art W Infrc      | 44100         | Dsct Of Aorta Unsp Site  |
| 4260          | Atriovent Block Complete  | 43321         | Ocl Vrtb Art W Infrc      | 44101         | Dsct Of Thoracic Aorta   |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description             |
|---------------|--------------------------|---------------|--------------------------|---------------|------------------------------|
| 44102         | Dsct Of Abdominal Aorta  | 4449          | Arterial Embolism Nos    | 45350         | CHRN V EMBL UNSP DP LW XTR   |
| 44103         | Dsct Of Thoracoabd Aorta | 44501         | Atheroembolism,Upper Ext | 45351         | CHR V EMB UNSP DP PRX LW XT  |
| 4411          | Ruptur Thoracic Aneurysm | 44502         | Atheroembolism,Lower Ext | 45352         | CHR V EMB UNSP DP DSTL LW X  |
| 4412          | Thoracic Aortic Aneurysm | 44581         | Atheroembolism, Kidney   |               | intentional blank            |
| 4413          | Rupt Abd Aortic Aneurysm | 44589         | Atheroembolism, Site Nec |               | intentional blank            |
| 4414          | Abdom Aortic Aneurysm    | 4460          | Polyarteritis Nodosa     | 45372         | CHR V EMB DP V UPPR XTRMTY   |
| 4415          | Rupt Aortic Aneurysm Nos | 4461          | Mucocutan Lymph Node Syn |               | intentional blank            |
| 4416          | Thoracoabd Aneurysm Rupt | 44620         | Hypersensit Angiitis Nos | 45374         | CHR V EMB AXILLARY VEINS     |
| 4417          | Thracabd Anurysm Wo Rupt | 44621         | Goodpasture's Syndrome   | 45375         | CHR V EMB SUBCLAV VEINS      |
| 4419          | Aortic Aneurysm Nos      | 44629         | Hypersensit Angiitis Nec | 45376         | CHR V EMB INTRNAL JGLR VEINS |
| 4420          | Upper Extremity Aneurysm | 4463          | Lethal Midline Granuloma | 45377         | CHR V EMB OTHR THORACIC VN   |
| 4421          | Renal Artery Aneurysm    | 4464          | Wegener's Granulomatosis |               | intentional blank            |
| 4422          | Iliac Artery Aneurysm    | 4465          | Giant Cell Arteritis     | 4538          | Venous Thrombosis Nec        |
| 4423          | Lower Extremity Aneurysm | 4466          | Thrombot Microangiopathy | 4560          | Esophag Varices W Bleed      |
| 44281         | Aneurysm Of Neck         | 4467          | Takayasu's Disease       | 4561          | Esoph Varices W/O Bleed      |
| 44282         | Subclavian Aneurysm      | 4470          | Acq Arterioven Fistula   | 45620         | Bleed Esoph Var Oth Dis      |
| 44283         | Splenic Artery Aneurysm  | 4471          | Stricture Of Artery      | 45621         | Esoph Varice Oth Dis Nos     |
| 44284         | Visceral Aneurysm Nec    | 4472          | Rupture Of Artery        | 481           | Pneumococcal Pneumonia       |
| 44289         | Aneurysm Nec             | 4473          | Renal Artery Hyperplasia | 4820          | K. Pneumoniae Pneumonia      |
| 4429          | Aneurysm Nos             | 4474          | Celiac Art Compress Syn  | 4821          | Pseudomonal Pneumonia        |
| 4431          | Thromboangiit Obliterans | 4475          | Necrosis Of Artery       | 4822          | H.Influenzae Pneumonia       |
| 44321         | Dissect Carotid Artery   | 4476          | Arteritis Nos            | 48230         | Streptococcal Pneumn Nos     |
| 44322         | Dissection Iliac Artery  | 4478          | Arterial Disease Nec     | 48231         | Pneumonia Strptococcus A     |
| 44323         | Dissection Renal Artery  | 4479          | Arterial Disease Nos     | 48232         | Pneumonia Strptococcus B     |
| 44324         | Dissect Vertebral Artery | 4480          | Heredit Hemorr Telangiec | 48239         | Pneumonia Oth Strep          |
| 44329         | Dissection Artery Nec    | 449           | Septic Arterial Embolism | 48240         | Staphylococcal Pneu Nos      |
| 44381         | Angiopathy In Other Dis  | 45111         | Femoral Vein Phlebitis   | 48241         | Staph Aureus Pneumonia       |
| 44382         | Erythromelalgia          | 45119         | Deep Phlebitis-Leg Nec   | 48242         | Meth Res Pneu D/T Staph      |
| 44389         | Periph Vascular Dis Nec  | 45181         | Iliac Thrombophlebitis   | 48249         | Staph Pneumonia Nec          |
| 4439          | Periph Vascular Dis Nos  | 45183         | Phlbt Deep Vn Up Extrm   | 48281         | Pneumonia Anaerobes          |
| 4440          | Abd Aortic Embolism      | 4530          | Budd-Chiari Syndrome     | 48282         | Pneumonia E Coli             |
| 4441          | Thoracic Aortic Embolism | 4532          | Vena Cava Thrombosis     | 48283         | Pneumo Oth Grm-Neg Bact      |
| 44421         | Upper Extremity Embolism | 4533          | Renal Vein Thrombosis    | 48284         | Legionnaires' Disease        |
| 44422         | Lower Extremity Embolism | 45340         | Dvt/Emblsm Lower Ext Nos | 48289         | Pneumonia Oth Spcf Bact      |
| 44481         | Iliac Artery Embolism    | 45341         | Dvt/Emb Prox Lower Ext   | 4841          | Pneum W Cytomeg Incl Dis     |
| 44489         | Arterial Embolism Nec    | 45342         | Dvt/Emb Distal Lower Ext | 4846          | Pneum In Aspergillosis       |

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| ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description          |
|---------------|--------------------------|---------------|--------------------------|---------------|---------------------------|
| 4847          | Pneum In Oth Sys Mycoses | 53110         | Ac Stomach Ulcer W Perf  | 5550          | Reg Enteritis, Sm Intest  |
| 4910          | Simple Chr Bronchitis    | 53111         | Ac Stom Ulc W Perf-Obst  | 5551          | Reg Enteritis, Lg Intest  |
| 4911          | Mucopurul Chr Bronchitis | 53120         | Ac Stomac Ulc W Hem/Perf | 5552          | Reg Enterit Sm/Lg Intest  |
| 49120         | Obst Chr Bronc W/O Exac  | 53121         | Ac Stom Ulc Hem/Perf-Obs | 5559          | Regional Enteritis Nos    |
| 49121         | Obs Chr Bronc W(Ac) Exac | 53150         | Chr Stomach Ulcer W Perf | 5560          | Ulcerative Enterocolitis  |
| 49122         | Obs Chr Bronc W Ac Bronc | 53151         | Chr Stom Ulc W Perf-Obst | 5561          | Ulcerative Ileocolitis    |
| 4918          | Chronic Bronchitis Nec   | 53160         | Chr Stomach Ulc Hem/Perf | 5562          | Ulcerative Proctitis      |
| 4919          | Chronic Bronchitis Nos   | 53161         | Chr Stom Ulc Hem/Perf-Ob | 5563          | Ulcertve Prctosigmoiditis |
| 4920          | Emphysematous Bleb       | 53210         | Ac Duodenal Ulcer W Perf | 5564          | Pseudopolyposis Colon     |
| 4928          | Emphysema Nec            | 53211         | Ac Duoden Ulc Perf-Obstr | 5565          | Lftsded Ulcertve Colitis  |
| 49320         | Chronic Obst Asthma Nos  | 53220         | Ac Duoden Ulc W Hem/Perf | 5566          | Univrsl Ulcertve Colitis  |
| 49321         | Ch Ob Asthma W Stat Asth | 53221         | Ac Duod Ulc Hem/Perf-Obs | 5568          | Other Ulcerative Colitis  |
| 49322         | Ch Obst Asth W (Ac) Exac | 53250         | Chr Duoden Ulcer W Perf  | 5569          | Ulceratve Colitis Unspcf  |
| 496           | Chr Airway Obstruct Nec  | 53251         | Chr Duoden Ulc Perf-Obst | 5570          | Ac Vasc Insuff Intestine  |
| 5070          | Food/Vomit Pneumonitis   | 53260         | Chr Duoden Ulc Hem/Perf  | 5571          | Chr Vasc Insuff Intest    |
| 5071          | Oil/Essence Pneumonitis  | 53261         | Chr Duod Ulc Hem/Perf-Ob | 5579          | Vasc Insuff Intest Nos    |
| 5078          | Solid/Liq Pneumonit Nec  | 53310         | Ac Peptic Ulcer W Perfor | 5600          | Intussusception           |
| 5100          | Empyema With Fistula     | 53311         | Ac Peptic Ulc W Perf-Obs | 5601          | Paralytic Ileus           |
| 5109          | Empyema W/O Fistula      | 53320         | Ac Peptic Ulc W Hem/Perf | 5602          | Volvulus Of Intestine     |
| 5130          | Abscess Of Lung          | 53321         | Ac Pept Ulc Hem/Perf-Obs | 56030         | Impaction Intestine Nos   |
| 5131          | Abscess Of Mediastinum   | 53350         | Chr Peptic Ulcer W Perf  | 56031         | Gallstone Ileus           |
| 5173          | Acute Chest Syndrome     | 53351         | Chr Peptic Ulc Perf-Obst | 56039         | Impaction Intestine Nec   |
| 5181          | Interstitial Emphysema   | 53360         | Chr Pept Ulc W Hem/Perf  | 56081         | Intestinal Adhes W Obstr  |
| 5182          | Compensatory Emphysema   | 53361         | Chr Pept Ulc Hem/Perf-Ob | 56089         | Intestinal Obstruct Nec   |
| 5184          | Acute Lung Edema Nos     | 53410         | Ac Marginal Ulcer W Perf | 5609          | Intestinal Obstruct Nos   |
| 5185          | Post Traum Pulm Insuffic | 53411         | Ac Margin Ulc W Perf-Obs | 5670          | Peritonitis In Infec Dis  |
| 51881         | Acute Respiratry Failure | 53420         | Ac Margin Ulc W Hem/Perf | 5671          | Pneumococcal Peritonitis  |
| 51882         | Other Pulmonary Insuff   | 53421         | Ac Marg Ulc Hem/Perf-Obs | 56721         | Peritonitis (Acute) Gen   |
| 51883         | Chronic Respiratory Fail | 53450         | Chr Marginal Ulc W Perf  | 56722         | Peritoneal Abscess        |
| 51884         | Acute & Chronc Resp Fail | 53451         | Chr Margin Ulc Perf-Obst | 56723         | Spontan Bact Peritonitis  |
| 51900         | Tracheostomy Comp Nos    | 53460         | Chr Margin Ulc Hem/Perf  | 56729         | Suppurat Peritonitis Nec  |
| 51901         | Tracheostomy Infection   | 53461         | Chr Marg Ulc Hem/Perf-Ob | 56731         | Psoas Muscle Abscess      |
| 51902         | Tracheostomy - Mech Comp | 53640         | Gastrostomy Comp Nos     | 56738         | Retroperiton Abscess Nec  |
| 51909         | Tracheostomy Comp Nec    | 53641         | Gastrostomy Infection    | 56739         | Retroperiton Infect Nec   |
| 53086         | Esophagostomy Infection  | 53642         | Gastrostomy Comp - Mech  | 56781         | Choleperitonitis          |
| 53087         | Mech Comp Esophagostomy  | 53649         | Gastrostomy Comp Nec     | 56782         | Sclerosing Mesenteritis   |

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| ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 56789         | Peritonitis Nec          | 5810          | Nephrotic Syn, Prolifer  | 59381         | Renal Vascular Disorder  |
| 5679          | Peritonitis Nos          | 5811          | Epimembranous Nephritis  | 70700         | Decubitus Ulcer Site Nos |
| 56960         | Colostomy/Enter Comp Nos | 5812          | Membranoprolif Nephrosis | 70701         | Decubitus Ulcer,Elbow    |
| 56961         | Colosty/Enterost Infectn | 5813          | Minimal Change Nephrosis | 70702         | Decubitus Ulcer,Up Back  |
| 56962         | Colosty/Enter Comp-Mech  | 58181         | Nephrotic Syn In Oth Dis | 70703         | Decubitus Ulcer,Low Back |
| 56969         | Colstmy/Enteros Comp Nec | 58189         | Nephrotic Syndrome Nec   | 70704         | Decubitus Ulcer,Hip      |
| 56983         | Perforation Of Intestine | 5819          | Nephrotic Syndrome Nos   | 70705         | Decubitus Ulcer,Buttock  |
| 5712          | Alcohol Cirrhosis Liver  | 5820          | Chr Proliferat Nephritis | 70706         | Decubitus Ulcer,Ankle    |
| 5713          | Alcohol Liver Damage Nos | 5821          | Chr Membranous Nephritis | 70707         | Decubitus Ulcer,Heel     |
| 57140         | Chronic Hepatitis Nos    | 5822          | Chr Membranoprolif Neph  | 70709         | Decubitus Ulcer,Site Nec |
| 57141         | Chr Persistent Hepatitis | 5824          | Chr Rapid Progr Nephrit  | 70710         | Ulcer Of Lower Limb Nos  |
| 57142         | Autoimmune Hepatitis     | 58281         | Chr Nephritis In Oth Dis | 70711         | Ulcer Of Thigh           |
| 57149         | Chronic Hepatitis Nec    | 58289         | Chronic Nephritis Nec    | 70712         | Ulcer Of Calf            |
| 5715          | Cirrhosis Of Liver Nos   | 5829          | Chronic Nephritis Nos    | 70713         | Ulcer Of Ankle           |
| 5716          | Biliary Cirrhosis        | 5830          | Proliferat Nephritis Nos | 70714         | Ulcer Of Heel & Midfoot  |
| 5722          | Hepatic Coma             | 5831          | Membranous Nephritis Nos | 70715         | Ulcer Other Part Of Foot |
| 5723          | Portal Hypertension      | 5832          | Membranoprolif Neph Nos  | 70719         | Ulcer Oth Part Low Limb  |
| 5724          | Hepatorenal Syndrome     | 5834          | Rapidly Prog Nephrit Nos | 70720         | Pressure Ulcer,Stage Nos |
| 5728          | Oth Sequela, Chr Liv Dis | 5836          | Renal Cort Necrosis Nos  | 70721         | Pressure Ulcer, Stage I  |
| 5770          | Acute Pancreatitis       | 5837          | Neph Nos/Medull Necros   | 70722         | Pressure Ulcer, Stage Ii |
| 5771          | Chronic Pancreatitis     | 58381         | Nephritis Nos In Oth Dis | 70723         | Pressure Ulcer,Stage Iii |
| 5772          | Pancreat Cyst/Pseudocyst | 58389         | Nephritis Nec            | 70724         | Pressure Ulcer, Stage Iv |
| 5778          | Pancreatic Disease Nec   | 5839          | Nephritis Nos            | 70725         | Pressure Ulcer,Unstagebl |
| 5779          | Pancreatic Disease Nos   | 5845          | Lower Nephron Nephrosis  | 7078          | Chronic Skin Ulcer Nec   |
| 5790          | Celiac Disease           | 5846          | Ac Renal Fail, Cort Necr | 7079          | Chronic Skin Ulcer Nos   |
| 5791          | Tropical Sprue           | 5847          | Ac Ren Fail, Medull Necr | 7100          | Syst Lupus Erythematosis |
| 5792          | Blind Loop Syndrome      | 5848          | Ac Renal Failure Nec     | 7101          | Systemic Sclerosis       |
| 5793          | Intest Postop Nonabsorb  | 5849          | Acute Renal Failure Nos  | 7102          | Sicca Syndrome           |
| 5794          | Pancreatic Steatorrhea   | 5851          | Chro Kidney Dis Stage I  | 7103          | Dermatomyositis          |
| 5798          | Intest Malabsorption Nec | 5852          | Chro Kidney Dis Stage Ii | 7104          | Polymyositis             |
| 5799          | Intest Malabsorption Nos | 5853          | Chr Kidney Dis Stage Iii | 7105          | Eosinophilia Myalgia Snd |
| 5800          | Ac Proliferat Nephritis  | 5854          | Chr Kidney Dis Stage Iv  | 7108          | Diff Connect Tis Dis Nec |
| 5804          | Ac Rapidly Progr Nephrit | 5855          | Chron Kidney Dis Stage V | 7109          | Diff Connect Tis Dis Nos |
| 58081         | Ac Nephritis In Oth Dis  | 5856          | End Stage Renal Disease  | 71100         | Pyogen Arthritis-Unspec  |
| 58089         | Acute Nephritis Nec      | 5859          | Chronic Kidney Dis Nos   | 71101         | Pyogen Arthritis-Shlder  |
| 5809          | Acute Nephritis Nos      | 586           | Renal Failure Nos        | 71102         | Pyogen Arthritis-Up/Arm  |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 71103         | Pyogen Arthritis-Forearm | 71139         | Dysenter Arthrit-Mult    | 71175         | Helminth Arthrit-Pelvis  |
| 71104         | Pyogen Arthritis-Hand    | 71140         | Bact Arthritis-Unspec    | 71176         | Helminth Arthrit-L/Leg   |
| 71105         | Pyogen Arthritis-Pelvis  | 71141         | Bact Arthritis-Shlder    | 71177         | Helminth Arthrit-Ankle   |
| 71106         | Pyogen Arthritis-L/Leg   | 71142         | Bact Arthritis-Up/Arm    | 71178         | Helminth Arthrit Nec     |
| 71107         | Pyogen Arthritis-Ankle   | 71143         | Bact Arthritis-Forearm   | 71179         | Helminth Arthrit-Mult    |
| 71108         | Pyogen Arthritis Nec     | 71144         | Bact Arthritis-Hand      | 71180         | Inf Arthritis Nec-Unspec |
| 71109         | Pyogen Arthritis-Mult    | 71145         | Bact Arthritis-Pelvis    | 71181         | Inf Arthritis Nec-Shlder |
| 71110         | Reiter Arthritis-Unspec  | 71146         | Bact Arthritis-L/Leg     | 71182         | Inf Arthritis Nec-Up/Arm |
| 71111         | Reiter Arthritis-Shlder  | 71147         | Bact Arthritis-Ankle     | 71183         | Inf Arthrit Nec-Forearm  |
| 71112         | Reiter Arthritis-Up/Arm  | 71148         | Bact Arthritis Nec       | 71184         | Inf Arthritis Nec-Hand   |
| 71113         | Reiter Arthritis-Forearm | 71149         | Bact Arthritis-Mult      | 71185         | Inf Arthritis Nec-Pelvis |
| 71114         | Reiter Arthritis-Hand    | 71150         | Viral Arthritis-Unspec   | 71186         | Inf Arthritis Nec-L/Leg  |
| 71115         | Reiter Arthritis-Pelvis  | 71151         | Viral Arthritis-Shlder   | 71187         | Inf Arthritis Nec-Ankle  |
| 71116         | Reiter Arthritis-L/Leg   | 71152         | Viral Arthritis-Up/Arm   | 71188         | Inf Arthrit Nec-Oth Site |
| 71117         | Reiter Arthritis-Ankle   | 71153         | Viral Arthritis-Forearm  | 71189         | Inf Arthritis Nec-Mult   |
| 71118         | Reiter Arthritis Nec     | 71154         | Viral Arthritis-Hand     | 71190         | Inf Arthritis Nos-Unspec |
| 71119         | Reiter Arthritis-Mult    | 71155         | Viral Arthritis-Pelvis   | 71191         | Inf Arthritis Nos-Shlder |
| 71120         | Behcet Arthritis-Unspec  | 71156         | Viral Arthritis-L/Leg    | 71192         | Inf Arthritis Nos-Up/Arm |
| 71121         | Behcet Arthritis-Shlder  | 71157         | Viral Arthritis-Ankle    | 71193         | Inf Arthrit Nos-Forearm  |
| 71122         | Behcet Arthritis-Up/Arm  | 71158         | Viral Arthritis Nec      | 71194         | Inf Arthrit Nos-Hand     |
| 71123         | Behcet Arthritis-Forearm | 71159         | Viral Arthritis-Mult     | 71195         | Inf Arthrit Nos-Pelvis   |
| 71124         | Behcet Arthritis-Hand    | 71160         | Mycotic Arthritis-Unspec | 71196         | Inf Arthrit Nos-L/Leg    |
| 71125         | Behcet Arthritis-Pelvis  | 71161         | Mycotic Arthritis-Shlder | 71197         | Inf Arthrit Nos-Ankle    |
| 71126         | Behcet Arthritis-L/Leg   | 71162         | Mycotic Arthritis-Up/Arm | 71198         | Inf Arthrit Nos-Oth Site |
| 71127         | Behcet Arthritis-Ankle   | 71163         | Mycotic Arthrit-Forearm  | 71199         | Inf Arthritis Nos-Mult   |
| 71128         | Behcet Arthritis Nec     | 71164         | Mycotic Arthritis-Hand   | 7140          | Rheumatoid Arthritis     |
| 71129         | Behcet Arthritis-Mult    | 71165         | Mycotic Arthritis-Pelvis | 7141          | Felty's Syndrome         |
| 71130         | Dysenter Arthrit-Unspec  | 71166         | Mycotic Arthritis-L/Leg  | 7142          | Syst Rheum Arthritis Nec |
| 71131         | Dysenter Arthrit-Shlder  | 71167         | Mycotic Arthritis-Ankle  | 71430         | Juv Rheum Arthritis Nos  |
| 71132         | Dysenter Arthrit-Up/Arm  | 71168         | Mycotic Arthritis Nec    | 71431         | Polyart Juv Rheum Arthr  |
| 71133         | Dysenter Arthrit-Forearm | 71169         | Mycotic Arthritis-Mult   | 71432         | Pauciar Juv Rheum Arthr  |
| 71134         | Dysenter Arthrit-Hand    | 71170         | Helminth Arthrit-Unspec  | 71433         | Monoart Juv Rheum Arthr  |
| 71135         | Dysenter Arthrit-Pelvis  | 71171         | Helminth Arthrit-Shlder  | 7144          | Chr Postrheum Arthritis  |
| 71136         | Dysenter Arthrit-L/Leg   | 71172         | Helminth Arthrit-Up/Arm  | 71481         | Rheumatoid Lung          |
| 71137         | Dysenter Arthrit-Ankle   | 71173         | Helminth Arthrit-Forearm | 71489         | Inflamm Polyarthrop Nec  |
| 71138         | Dysenter Arthrit Nec     | 71174         | Helminth Arthrit-Hand    | 7149          | Inflamm Polyarthrop Nos  |

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| ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 7200          | Ankylosing Spondylitis   | 73028         | Osteomyelit Nos-Oth Site | 73094         | Bone Infect Nos-Hand     |
| 7201          | Spinal Enthesopathy      | 73029         | Osteomyelitis Nos-Mult   | 73095         | Bone Infect Nos-Pelvis   |
| 7202          | Sacroiliitis Nec         | 73030         | Periostitis-Unspec       | 73096         | Bone Infect Nos-L/Leg    |
| 72081         | Spondylopathy In Oth Dis | 73031         | Periostitis-Shlder       | 73097         | Bone Infect Nos-Ankle    |
| 72089         | Inflam Spondylopathy Nec | 73032         | Periostitis-Up/Arm       | 73098         | Bone Infect Nos-Oth Site |
| 7209          | Inflam Spondylopathy Nos | 73033         | Periostitis-Forearm      | 73099         | Bone Infect Nos-Mult     |
| 725           | Polymyalgia Rheumatica   | 73034         | Periostitis-Hand         | 73313         | Path Fx Vertebrae        |
| 72886         | Necrotizing Fasciitis    | 73035         | Periostitis-Pelvis       | 73314         | Path Fx Neck Of Femur    |
| 73000         | Ac Osteomyelitis-Unspec  | 73036         | Periostitis-L/Leg        | 73315         | Path Fx Oth Spcf Prt Fmr |
| 73001         | Ac Osteomyelitis-Shlder  | 73037         | Periostitis-Ankle        | 73340         | Asept Necrosis Bone Nos  |
| 73002         | Ac Osteomyelitis-Up/Arm  | 73038         | Periostitis Nec          | 73341         | Aseptic Necrosis Humerus |
| 73003         | Ac Osteomyelitis-Forearm | 73039         | Periostitis-Mult         | 73342         | Aseptic Necrosis Femur   |
| 73004         | Ac Osteomyelitis-Hand    | 73070         | Polio Osteopathy-Unspec  | 73343         | Asept Necro Femur Condyl |
| 73005         | Ac Osteomyelitis-Pelvis  | 73071         | Polio Osteopathy-Shlder  | 73344         | Aseptic Necrosis Talus   |
| 73006         | Ac Osteomyelitis-L/Leg   | 73072         | Polio Osteopathy-Up/Arm  | 73345         | Aseptic Necrosis Of Jaw  |
| 73007         | Ac Osteomyelitis-Ankle   | 73073         | Polio Osteopathy-Forearm | 73349         | Asept Necrosis Bone Nec  |
| 73008         | Ac Osteomyelitis Nec     | 73074         | Polio Osteopathy-Hand    | 7400          | Anencephalus             |
| 73009         | Ac Osteomyelitis-Mult    | 73075         | Polio Osteopathy-Pelvis  | 7401          | Craniorachischisis       |
| 73010         | Chr Osteomyelitis-Unsp   | 73076         | Polio Osteopathy-L/Leg   | 7402          | Iniencephaly             |
| 73011         | Chr Osteomyelit-Shlder   | 73077         | Polio Osteopathy-Ankle   | 74100         | Spin Bif W Hydroceph Nos |
| 73012         | Chr Osteomyelit-Up/Arm   | 73078         | Polio Osteopathy Nec     | 74101         | Spin Bif W Hydrceph-Cerv |
| 73013         | Chr Osteomyelit-Forearm  | 73079         | Polio Osteopathy-Mult    | 74102         | Spin Bif W Hydrceph-Dors |
| 73014         | Chr Osteomyelit-Hand     | 73080         | Bone Infect Nec-Unspec   | 74103         | Spin Bif W Hydrceph-Lumb |
| 73015         | Chr Osteomyelit-Pelvis   | 73081         | Bone Infect Nec-Shlder   | 74190         | Spina Bifida             |
| 73016         | Chr Osteomyelit-L/Leg    | 73082         | Bone Infect Nec-Up/Arm   | 74191         | Spina Bifida-Cerv        |
| 73017         | Chr Osteomyelit-Ankle    | 73083         | Bone Infect Nec-Forearm  | 74192         | Spina Bifida-Dorsal      |
| 73018         | Chr Osteomyelit Nec      | 73084         | Bone Infect Nec-Hand     | 74193         | Spina Bifida-Lumbar      |
| 73019         | Chr Osteomyelit-Mult     | 73085         | Bone Infect Nec-Pelvis   | 7420          | Encephalocele            |
| 73020         | Osteomyelitis Nos-Unspec | 73086         | Bone Infect Nec-L/Leg    | 7421          | Microcephalus            |
| 73021         | Osteomyelitis Nos-Shlder | 73087         | Bone Infect Nec-Ankle    | 7422          | Reduction Deform, Brain  |
| 73022         | Osteomyelitis Nos-Up/Arm | 73088         | Bone Infect Nec-Oth Site | 7423          | Congenital Hydrocephalus |
| 73023         | Osteomyelit Nos-Forearm  | 73089         | Bone Infect Nec-Mult     | 7424          | Brain Anomaly Nec        |
| 73024         | Osteomyelitis Nos-Hand   | 73090         | Bone Infec Nos-Unsp Site | 74251         | Diastematomyelia         |
| 73025         | Osteomyelitis Nos-Pelvis | 73091         | Bone Infect Nos-Shlder   | 74253         | Hydromyelia              |
| 73026         | Osteomyelitis Nos-L/Leg  | 73092         | Bone Infect Nos-Up/Arm   | 74259         | Spinal Cord Anomaly Nec  |
| 73027         | Osteomyelitis Nos-Ankle  | 73093         | Bone Infect Nos-Forearm  | 7428          | Nervous System Anom Nec  |

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| ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          |
|---------------|---------------------------|---------------|---------------------------|---------------|---------------------------|
| 7429          | Nervous System Anom Nos   | 80014         | Cl Skl Vlt Fx-Proln Coma  | 80060         | Opn Skl Vlt Fx/Cereb Lac  |
| 75314         | Polycyst Kid-Autosom Rec  | 80015         | Cl Skull Vlt Fx-Deep Coma | 80061         | Opn Skull Vlt Fx W/O Coma |
| 7595          | Tuberous Sclerosis        | 80016         | Cl Skull Vlt Fx-Coma Nos  | 80062         | Opn Skull Vlt Fx-Brf Coma |
| 7596          | Hamartoses Nec            | 80019         | Cl Skl Vlt Fx-Concus Nos  | 80063         | Opn Skull Vlt Fx-Mod Coma |
| 77181         | Nb Septicemia [Sepsis]    | 80020         | Cl Skl Vlt Fx/Mening Hem  | 80064         | Opn Skl Vlt Fx-Proln Com  |
| 78001         | Coma                      | 80021         | Cl Skull Vlt Fx W/O Coma  | 80065         | Opn Skl Vlt Fx-Deep Coma  |
| 78003         | Persistent Vegtv State    | 80022         | Cl Skull Vlt Fx-Brf Coma  | 80066         | Opn Skull Vlt Fx-Coma Nos |
| 78031         | Febrile Convulsions       | 80023         | Cl Skull Vlt Fx-Mod Coma  | 80069         | Op Skl Vlt Fx-Concus Nos  |
| 78032         | Complex Febrile Convulsio | 80024         | Cl Skl Vlt Fx-Proln Coma  | 80070         | Opn Skl Vlt Fx/Menin Hem  |
| 78039         | Convulsions Nec           | 80025         | Cl Skull Vlt Fx-Deep Coma | 80071         | Opn Skull Vlt Fx W/O Coma |
| 78072         | Functional Quadriplegia   | 80026         | Cl Skull Vlt Fx-Coma Nos  | 80072         | Opn Skull Vlt Fx-Brf Coma |
| 7854          | Gangrene                  | 80029         | Cl Skl Vlt Fx-Concus Nos  | 80073         | Opn Skull Vlt Fx-Mod Coma |
| 78550         | Shock Nos                 | 80030         | Cl Skull Vlt Fx/Hem Nec   | 80074         | Opn Skl Vlt Fx-Proln Com  |
| 78551         | Cardiogenic Shock         | 80031         | Cl Skull Vlt Fx W/O Coma  | 80075         | Opn Skl Vlt Fx-Deep Coma  |
| 78552         | Septic Shock              | 80032         | Cl Skull Vlt Fx-Brf Coma  | 80076         | Opn Skull Vlt Fx-Coma Nos |
| 78559         | Shock W/O Trauma Nec      | 80033         | Cl Skull Vlt Fx-Mod Coma  | 80079         | Op Skl Vlt Fx-Concus Nos  |
| 7980          | Sudden Infant Death Synd  | 80034         | Cl Skl Vlt Fx-Proln Coma  | 80080         | Opn Skull Vlt Fx/Hem Nec  |
| 7981          | Instantaneous Death       | 80035         | Cl Skull Vlt Fx-Deep Coma | 80081         | Opn Skull Vlt Fx W/O Coma |
| 7982          | Death Within 24 Hr Sympt  | 80036         | Cl Skull Vlt Fx-Coma Nos  | 80082         | Opn Skull Vlt Fx-Brf Coma |
| 7989          | Unattended Death          | 80039         | Cl Skl Vlt Fx-Concus Nos  | 80083         | Opn Skull Vlt Fx-Mod Coma |
| 79901         | Asphyxia                  | 80040         | Cl Skl Vlt Fx/Br Inj Nec  | 80084         | Opn Skl Vlt Fx-Proln Com  |
| 79902         | Hypoxemia                 | 80041         | Cl Skull Vlt Fx W/O Coma  | 80085         | Opn Skl Vlt Fx-Deep Coma  |
| 7991          | Respiratory Arrest        | 80042         | Cl Skull Vlt Fx-Brf Coma  | 80086         | Opn Skull Vlt Fx-Coma Nos |
| 7994          | Cachexia                  | 80043         | Cl Skull Vlt Fx-Mod Coma  | 80089         | Op Skl Vlt Fx-Concus Nos  |
| 80000         | Closed Skull Vault Fx     | 80044         | Cl Skl Vlt Fx-Proln Coma  | 80090         | Op Skl Vlt Fx/Br Inj Nec  |
| 80001         | Cl Skull Vlt Fx W/O Coma  | 80045         | Cl Skull Vlt Fx-Deep Coma | 80091         | Opn Skull Vlt Fx W/O Coma |
| 80002         | Cl Skull Vlt Fx-Brf Coma  | 80046         | Cl Skull Vlt Fx-Coma Nos  | 80092         | Opn Skull Vlt Fx-Brf Coma |
| 80003         | Cl Skull Vlt Fx-Mod Coma  | 80049         | Cl Skl Vlt Fx-Concus Nos  | 80093         | Opn Skull Vlt Fx-Mod Coma |
| 80004         | Cl Skl Vlt Fx-Proln Coma  | 80050         | Opn Skull Vault Fracture  | 80094         | Opn Skl Vlt Fx-Proln Com  |
| 80005         | Cl Skull Vlt Fx-Deep Coma | 80051         | Opn Skull Vlt Fx W/O Coma | 80095         | Op Skl Vlt Fx-Deep Coma   |
| 80006         | Cl Skull Vlt Fx-Coma Nos  | 80052         | Opn Skull Vlt Fx-Brf Coma | 80096         | Opn Skull Vlt Fx-Coma Nos |
| 80009         | Cl Skl Vlt Fx-Concus Nos  | 80053         | Opn Skull Vlt Fx-Mod Coma | 80099         | Op Skl Vlt Fx-Concus Nos  |
| 80010         | Cl Skl Vlt Fx/Cerebr Lac  | 80054         | Opn Skl Vlt Fx-Proln Com  | 80100         | Clos Skull Base Fracture  |
| 80011         | Cl Skull Vlt Fx W/O Coma  | 80055         | Opn Skl Vlt Fx-Deep Coma  | 80101         | Cl Skull Base Fx W/O Coma |
| 80012         | Cl Skull Vlt Fx-Brf Coma  | 80056         | Opn Skull Vlt Fx-Coma Nos | 80102         | Cl Skull Base Fx-Brf Coma |
| 80013         | Cl Skull Vlt Fx-Mod Coma  | 80059         | Op Skl Vlt Fx-Concus Nos  | 80103         | Cl Skull Base Fx-Mod Coma |

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| <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>   | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>   | <b>ICD-9-CM Code</b> | <b>ICD9 Description</b>   |
|----------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|
| 80104                | Cl Skl Base Fx-Prol Coma  | 80150                | Open Skull Base Fracture  | 80194                | Op Skl Base Fx-Prol Coma  |
| 80105                | Cl Skl Base Fx-Deep Coma  | 80151                | Opn Skl Base Fx W/O Coma  | 80195                | Op Skl Base Fx-Deep Coma  |
| 80106                | Cl Skull Base Fx-Coma Nos | 80152                | Opn Skl Base Fx-Brf Coma  | 80196                | Opn Skl Base Fx-Coma Nos  |
| 80109                | Cl Skull Base Fx-Concuss  | 80153                | Opn Skl Base Fx-Mod Coma  | 80199                | Opn Skull Base Fx-Concuss |
| 80110                | Cl Skl Base Fx/Cereb Lac  | 80154                | Op Skl Base Fx-Prol Coma  | 80220                | Mandible Fx Nos-Closed    |
| 80111                | Cl Skul Base Fx W/O Coma  | 80155                | Op Skl Base Fx-Deep Coma  | 80221                | Fx Condyl Proc Mandib-Cl  |
| 80112                | Cl Skul Base Fx-Brf Coma  | 80156                | Opn Skl Base Fx-Coma Nos  | 80222                | Subcondylar Fx Mandib-Cl  |
| 80113                | Cl Skul Base Fx-Mod Coma  | 80159                | Opn Skull Base Fx-Concuss | 80223                | Fx Coron Proc Mandib-Cl   |
| 80114                | Cl Skl Base Fx-Prol Coma  | 80160                | Op Skl Base Fx/Cereb Lac  | 80224                | Fx Ramus Nos-Closed       |
| 80115                | Cl Skl Base Fx-Deep Coma  | 80161                | Opn Skl Base Fx W/O Coma  | 80225                | Fx Angle Of Jaw-Closed    |
| 80116                | Cl Skul Base Fx-Coma Nos  | 80162                | Opn Skl Base Fx-Brf Coma  | 80226                | Fx Symphy Mandib Body-Cl  |
| 80119                | Cl Skull Base Fx-Concuss  | 80163                | Opn Skl Base Fx-Mod Coma  | 80227                | Fx Alveolar Bord Mand-Cl  |
| 80120                | Cl Skl Base Fx/Menin Hem  | 80164                | Op Skl Base Fx-Prol Coma  | 80228                | Fx Mandible Body Nec-Cl   |
| 80121                | Cl Skul Base Fx W/O Coma  | 80165                | Op Skl Base Fx-Deep Coma  | 80229                | Mult Fx Mandible-Closed   |
| 80122                | Cl Skul Base Fx/Brf Coma  | 80166                | Opn Skl Base Fx-Coma Nos  | 80230                | Mandible Fx Nos-Open      |
| 80123                | Cl Skul Base Fx-Mod Coma  | 80169                | Opn Skull Base Fx-Concuss | 80231                | Fx Condyl Proc Mand-Open  |
| 80124                | Cl Skl Base Fx-Prol Coma  | 80170                | Op Skl Base Fx/Menin Hem  | 80232                | Subcondyl Fx Mandib-Open  |
| 80125                | Cl Skl Base Fx-Deep Coma  | 80171                | Opn Skl Base Fx W/O Coma  | 80233                | Fx Coron Proc Mandib-Opn  |
| 80126                | Cl Skul Base Fx-Coma Nos  | 80172                | Opn Skl Base Fx-Brf Coma  | 80234                | Fx Ramus Nos-Open         |
| 80129                | Cl Skull Base Fx-Concuss  | 80173                | Opn Skl Base Fx-Mod Coma  | 80235                | Fx Angle Of Jaw-Open      |
| 80130                | Cl Skull Base Fx/Hem Nec  | 80174                | Op Skl Base Fx-Prol Coma  | 80236                | Fx Symphy Mandib Bdy-Opn  |
| 80131                | Cl Skul Base Fx W/O Coma  | 80175                | Op Skl Base Fx-Deep Coma  | 80237                | Fx Alv Bord Mand Bdy-Opn  |
| 80132                | Cl Skul Base Fx-Brf Coma  | 80176                | Opn Skl Base Fx-Coma Nos  | 80238                | Fx Mandible Body Nec-Opn  |
| 80133                | Cl Skul Base Fx-Mod Coma  | 80179                | Opn Skull Base Fx-Concuss | 80239                | Mult Fx Mandible-Open     |
| 80134                | Cl Skl Base Fx-Prol Coma  | 80180                | Opn Skull Base Fx/Hem Nec | 8024                 | Fx Malar/Maxillary-Close  |
| 80135                | Cl Skl Base Fx-Deep Coma  | 80181                | Opn Skl Base Fx W/O Coma  | 8025                 | Fx Malar/Maxillary-Open   |
| 80136                | Cl Skul Base Fx-Coma Nos  | 80182                | Opn Skl Base Fx-Brf Coma  | 8026                 | Fx Orbital Floor-Closed   |
| 80139                | Cl Skull Base Fx-Concuss  | 80183                | Opn Skl Base Fx-Mod Coma  | 8027                 | Fx Orbital Floor-Open     |
| 80140                | Cl Sk Base Fx/Br Inj Nec  | 80184                | Op Skl Base Fx-Prol Coma  | 8028                 | Fx Facial Bone Nec-Close  |
| 80141                | Cl Skul Base Fx W/O Coma  | 80185                | Op Skl Base Fx-Deep Coma  | 8029                 | Fx Facial Bone Nec-Open   |
| 80142                | Cl Skul Base Fx-Brf Coma  | 80186                | Opn Skl Base Fx-Coma Nos  | 80300                | Close Skull Fracture Nec  |
| 80143                | Cl Skul Base Fx-Mod Coma  | 80189                | Opn Skull Base Fx-Concuss | 80301                | Cl Skull Fx Nec W/O Coma  |
| 80144                | Cl Skl Base Fx-Prol Coma  | 80190                | Op Sk Base Fx/Br Inj Nec  | 80302                | Cl Skull Fx Nec-Brf Coma  |
| 80145                | Cl Skl Base Fx-Deep Coma  | 80191                | Op Skul Base Fx W/O Coma  | 80303                | Cl Skull Fx Nec-Mod Coma  |
| 80146                | Cl Skul Base Fx-Coma Nos  | 80192                | Opn Skl Base Fx-Brf Coma  | 80304                | Cl Skl Fx Nec-Proln Coma  |
| 80149                | Cl Skull Base Fx-Concuss  | 80193                | Opn Skl Base Fx-Mod Coma  | 80305                | Cl Skul Fx Nec-Deep Coma  |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description          | ICD-9-CM Code | ICD9 Description          |
|---------------|--------------------------|---------------|---------------------------|---------------|---------------------------|
| 80306         | Cl Skull Fx Nec-Coma Nos | 80352         | Opn Skul Fx Nec-Brf Coma  | 80396         | Opn Skul Fx Nec-Coma Nos  |
| 80309         | Cl Skull Fx Nec-Concuss  | 80353         | Opn Skul Fx Nec-Mod Coma  | 80399         | Opn Skull Fx Nec-Concuss  |
| 80310         | Cl Skl Fx Nec/Cerebr Lac | 80354         | Opn Skl Fx Nec-Prol Coma  | 80400         | Cl Skul Fx W Oth Bone Fx  |
| 80311         | Cl Skull Fx Nec W/O Coma | 80355         | Opn Skl Fx Nec-Deep Coma  | 80401         | Cl Skl W Oth Fx W/O Coma  |
| 80312         | Cl Skull Fx Nec-Brf Coma | 80356         | Opn Skul Fx Nec-Coma Nos  | 80402         | Cl Skl W Oth Fx-Brf Coma  |
| 80313         | Cl Skull Fx Nec-Mod Coma | 80359         | Opn Skull Fx Nec-Concuss  | 80403         | Cl Skl W Oth Fx-Mod Coma  |
| 80314         | Cl Skl Fx Nec-Proln Coma | 80360         | Opn Skl Fx Nec/Cerebr Lac | 80404         | Cl Skl/Oth Fx-Proln Coma  |
| 80315         | Cl Skul Fx Nec-Deep Coma | 80361         | Opn Skul Fx Nec W/O Coma  | 80405         | Cl Skul/Oth Fx-Deep Coma  |
| 80316         | Cl Skull Fx Nec-Coma Nos | 80362         | Opn Skul Fx Nec-Brf Coma  | 80406         | Cl Skl W Oth Fx-Coma Nos  |
| 80319         | Cl Skull Fx Nec-Concuss  | 80363         | Opn Skul Fx Nec-Mod Coma  | 80409         | Cl Skul W Oth Fx-Concuss  |
| 80320         | Cl Skl Fx Nec/Mening Hem | 80364         | Opn Skl Fx Nec-Proln Com  | 80410         | Cl Sk W Oth Fx/Cerebr Lac |
| 80321         | Cl Skull Fx Nec W/O Coma | 80365         | Opn Skl Fx Nec-Deep Coma  | 80411         | Cl Skl W Oth Fx W/O Coma  |
| 80322         | Cl Skull Fx Nec-Brf Coma | 80366         | Opn Skul Fx Nec-Coma Nos  | 80412         | Cl Skl W Oth Fx-Brf Coma  |
| 80323         | Cl Skull Fx Nec-Mod Coma | 80369         | Opn Skull Fx Nec-Concuss  | 80413         | Cl Skl W Oth Fx-Mod Coma  |
| 80324         | Cl Skl Fx Nec-Proln Coma | 80370         | Opn Skl Fx Nec/Menin Hem  | 80414         | Cl Skl/Oth Fx-Proln Coma  |
| 80325         | Cl Skul Fx Nec-Deep Coma | 80371         | Opn Skul Fx Nec W/O Coma  | 80415         | Cl Skul/Oth Fx-Deep Coma  |
| 80326         | Cl Skull Fx Nec-Coma Nos | 80372         | Opn Skul Fx Nec-Brf Coma  | 80416         | Cl Skl W Oth Fx-Coma Nos  |
| 80329         | Cl Skull Fx Nec-Concuss  | 80373         | Opn Skul Fx Nec-Mod Coma  | 80419         | Cl Skul W Oth Fx-Concuss  |
| 80330         | Cl Skull Fx Nec/Hem Nec  | 80374         | Opn Skl Fx Nec-Prol Coma  | 80420         | Cl Skl/Oth Fx/Mening Hem  |
| 80331         | Cl Skull Fx Nec W/O Coma | 80375         | Opn Skl Fx Nec-Deep Coma  | 80421         | Cl Skl W Oth Fx W/O Coma  |
| 80332         | Cl Skull Fx Nec-Brf Coma | 80376         | Opn Skul Fx Nec-Coma Nos  | 80422         | Cl Skl W Oth Fx-Brf Coma  |
| 80333         | Cl Skull Fx Nec-Mod Coma | 80379         | Opn Skull Fx Nec-Concuss  | 80423         | Cl Skl W Oth Fx-Mod Coma  |
| 80334         | Cl Skl Fx Nec-Proln Coma | 80380         | Opn Skull Fx Nec/Hem Nec  | 80424         | Cl Skl/Oth Fx-Proln Coma  |
| 80335         | Cl Skul Fx Nec-Deep Coma | 80381         | Opn Skul Fx Nec W/O Coma  | 80425         | Cl Skul/Oth Fx-Deep Coma  |
| 80336         | Cl Skull Fx Nec-Coma Nos | 80382         | Opn Skul Fx Nec-Brf Coma  | 80426         | Cl Skl W Oth Fx-Coma Nos  |
| 80339         | Cl Skull Fx Nec-Concuss  | 80383         | Opn Skul Fx Nec-Mod Coma  | 80429         | Cl Skul W Oth Fx-Concuss  |
| 80340         | Cl Skl Fx Nec/Br Inj Nec | 80384         | Opn Skl Fx Nec-Prol Coma  | 80430         | Cl Skul W Oth Fx/Hem Nec  |
| 80341         | Cl Skull Fx Nec W/O Coma | 80385         | Opn Skl Fx Nec-Deep Coma  | 80431         | Cl Skl W Oth Fx W/O Coma  |
| 80342         | Cl Skull Fx Nec-Brf Coma | 80386         | Opn Skul Fx Nec-Coma Nos  | 80432         | Cl Skl W Oth Fx-Brf Coma  |
| 80343         | Cl Skull Fx Nec-Mod Coma | 80389         | Opn Skull Fx Nec-Concuss  | 80433         | Cl Skl W Oth Fx-Mod Coma  |
| 80344         | Cl Skl Fx Nec-Proln Coma | 80390         | Op Skl Fx Nec/Br Inj Nec  | 80434         | Cl Skl/Oth Fx-Proln Coma  |
| 80345         | Cl Skul Fx Nec-Deep Coma | 80391         | Opn Skul Fx Nec W/O Coma  | 80435         | Cl Skul/Oth Fx-Deep Coma  |
| 80346         | Cl Skull Fx Nec-Coma Nos | 80392         | Opn Skul Fx Nec-Brf Coma  | 80436         | Cl Skl W Oth Fx-Coma Nos  |
| 80349         | Cl Skull Fx Nec-Concuss  | 80393         | Opn Skul Fx Nec-Mod Coma  | 80439         | Cl Skul W Oth Fx-Concuss  |
| 80350         | Open Skull Fracture Nec  | 80394         | Opn Skl Fx Nec-Prol Coma  | 80440         | Cl Skl/Oth Fx/Br Inj Nec  |
| 80351         | Opn Skul Fx Nec W/O Coma | 80395         | Opn Skl Fx Nec-Deep Coma  | 80441         | Cl Skl W Oth Fx W/O Coma  |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 80442         | Cl Skl W Oth Fx-Brf Coma | 80486         | Opn Skul/Oth Fx-Coma Nos | 80600         | C1-C4 Fx-Cl/Cord Inj Nos |
| 80443         | Cl Skl W Oth Fx-Mod Coma | 80489         | Opn Skull/Oth Fx-Concuss | 80601         | C1-C4 Fx-Cl/Com Cord Les |
| 80444         | Cl Skl/Oth Fx-Proln Coma | 80490         | Op Skl/Oth Fx/Br Inj Nec | 80602         | C1-C4 Fx-Cl/Ant Cord Syn |
| 80445         | Cl Skul/Oth Fx-Deep Coma | 80491         | Opn Skul/Oth Fx W/O Coma | 80603         | C1-C4 Fx-Cl/Cen Cord Syn |
| 80446         | Cl Skl W Oth Fx-Coma Nos | 80492         | Opn Skul/Oth Fx-Brf Coma | 80604         | C1-C4 Fx-Cl/Cord Inj Nec |
| 80449         | Cl Skul W Oth Fx-Concuss | 80493         | Opn Skul/Oth Fx-Mod Coma | 80605         | C5-C7 Fx-Cl/Cord Inj Nos |
| 80450         | Opn Skull Fx/Oth Bone Fx | 80494         | Opn Skl/Oth Fx-Prol Coma | 80606         | C5-C7 Fx-Cl/Com Cord Les |
| 80451         | Opn Skul/Oth Fx W/O Coma | 80495         | Opn Skl/Oth Fx-Deep Coma | 80607         | C5-C7 Fx-Cl/Ant Cord Syn |
| 80452         | Opn Skul/Oth Fx-Brf Coma | 80496         | Opn Skul/Oth Fx-Coma Nos | 80608         | C5-C7 Fx-Cl/Cen Cord Syn |
| 80453         | Opn Skul/Oth Fx-Mod Coma | 80499         | Opn Skull/Oth Fx-Concuss | 80609         | C5-C7 Fx-Cl/Cord Inj Nec |
| 80454         | Opn Skl/Oth Fx-Prol Coma | 80500         | Fx Cervical Vert Nos-Cl  | 80610         | C1-C4 Fx-Op/Cord Inj Nos |
| 80455         | Opn Skl/Oth Fx-Deep Coma | 80501         | Fx C1 Vertebra-Closed    | 80611         | C1-C4 Fx-Op/Com Cord Les |
| 80456         | Opn Skul/Oth Fx-Coma Nos | 80502         | Fx C2 Vertebra-Closed    | 80612         | C1-C4 Fx-Op/Ant Cord Syn |
| 80459         | Opn Skull/Oth Fx-Concuss | 80503         | Fx C3 Vertebra-Closed    | 80613         | C1-C4 Fx-Op/Cen Cord Syn |
| 80460         | Opn Skl/Oth Fx/Cereb Lac | 80504         | Fx C4 Vertebra-Closed    | 80614         | C1-C4 Fx-Op/Cord Inj Nec |
| 80461         | Opn Skul/Oth Fx W/O Coma | 80505         | Fx C5 Vertebra-Closed    | 80615         | C5-C7 Fx-Op/Cord Inj Nos |
| 80462         | Opn Skul/Oth Fx-Brf Coma | 80506         | Fx C6 Vertebra-Closed    | 80616         | C5-C7 Fx-Op/Com Cord Les |
| 80463         | Opn Skul/Oth Fx-Mod Coma | 80507         | Fx C7 Vertebra-Closed    | 80617         | C5-C7 Fx-Op/Ant Cord Syn |
| 80464         | Opn Skl/Oth Fx-Prol Coma | 80508         | Fx Mult Cervical Vert-Cl | 80618         | C5-C7 Fx-Op/Cen Cord Syn |
| 80465         | Opn Skl/Oth Fx-Deep Coma | 80510         | Fx Cervical Vert Nos-Opn | 80619         | C5-C7 Fx-Op/Cord Inj Nec |
| 80466         | Opn Skul/Oth Fx-Coma Nos | 80511         | Fx C1 Vertebra-Open      | 80620         | T1-T6 Fx-Cl/Cord Inj Nos |
| 80469         | Opn Skull/Oth Fx-Concuss | 80512         | Fx C2 Vertebra-Open      | 80621         | T1-T6 Fx-Cl/Com Cord Les |
| 80470         | Opn Skl/Oth Fx/Menin Hem | 80513         | Fx C3 Vertebra-Open      | 80622         | T1-T6 Fx-Cl/Ant Cord Syn |
| 80471         | Opn Skul/Oth Fx W/O Coma | 80514         | Fx C4 Vertebra-Open      | 80623         | T1-T6 Fx-Cl/Cen Cord Syn |
| 80472         | Opn Skul/Oth Fx-Brf Coma | 80515         | Fx C5 Vertebra-Open      | 80624         | T1-T6 Fx-Cl/Cord Inj Nec |
| 80473         | Opn Skul/Oth Fx-Mod Coma | 80516         | Fx C6 Vertebra-Open      | 80625         | T7-T12 Fx-Cl/Crd Inj Nos |
| 80474         | Opn Skl/Oth Fx-Prol Coma | 80517         | Fx C7 Vertebra-Open      | 80626         | T7-T12 Fx-Cl/Com Crd Les |
| 80475         | Opn Skl/Oth Fx-Deep Coma | 80518         | Fx Mlt Cervical Vert-Opn | 80627         | T7-T12 Fx-Cl/Ant Crd Syn |
| 80476         | Opn Skul/Oth Fx-Coma Nos | 8052          | Fx Dorsal Vertebra-Close | 80628         | T7-T12 Fx-Cl/Cen Crd Syn |
| 80479         | Opn Skull/Oth Fx-Concuss | 8053          | Fx Dorsal Vertebra-Open  | 80629         | T7-T12 Fx-Cl/Crd Inj Nec |
| 80480         | Opn Skl W Oth Fx/Hem Nec | 8054          | Fx Lumbar Vertebra-Close | 80630         | T1-T6 Fx-Op/Cord Inj Nos |
| 80481         | Opn Skul/Oth Fx W/O Coma | 8055          | Fx Lumbar Vertebra-Open  | 80631         | T1-T6 Fx-Op/Com Cord Les |
| 80482         | Opn Skul/Oth Fx-Brf Coma | 8056          | Fx Sacrum/Coccyx-Closed  | 80632         | T1-T6 Fx-Op/Ant Cord Syn |
| 80483         | Opn Skul/Oth Fx-Mod Coma | 8057          | Fx Sacrum/Coccyx-Open    | 80633         | T1-T6 Fx-Op/Cen Cord Syn |
| 80484         | Opn Skl/Oth Fx-Prol Coma | 8058          | Vertebral Fx Nos-Closed  | 80634         | T1-T6 Fx-Op/Cord Inj Nec |
| 80485         | Opn Skl/Oth Fx-Deep Coma | 8059          | Vertebral Fx Nos-Open    | 80635         | T7-T12 Fx-Op/Crd Inj Nos |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 80636         | T7-T12 Fx-Op/Com Crd Les | 82011         | Fx Up Femur Epiphy-Open  | 8504          | Concussion-Deep Coma     |
| 80637         | T7-T12 Fx-Op/Ant Crd Syn | 82012         | Fx Femur, Midcervic-Open | 85100         | Cerebral Cortx Contusion |
| 80638         | T7-T12 Fx-Op/Cen Crd Syn | 82013         | Fx Base Femoral Nck-Open | 85101         | Cortex Contusion-No Coma |
| 80639         | T7-T12 Fx-Op/Crd Inj Nec | 82019         | Fx Femur Intrcap Nec-Opn | 85102         | Cortex Contus-Brief Coma |
| 8064          | Cl Lumbar Fx W Cord Inj  | 82020         | Trochanteric Fx Nos-Clos | 85103         | Cortex Contus-Mod Coma   |
| 8065          | Opn Lumbar Fx W Cord Inj | 82021         | Intertrochanteric Fx-Cl  | 85104         | Cortx Contus-Prolng Coma |
| 80660         | Fx Sacrum-Cl/Crd Inj Nos | 82022         | Subtrochanteric Fx-Close | 85105         | Cortex Contus-Deep Coma  |
| 80661         | Fx Sacr-Cl/Cauda Equ Les | 82030         | Trochanteric Fx Nos-Open | 85106         | Cortex Contus-Coma Nos   |
| 80662         | Fx Sacr-Cl/Cauda Inj Nec | 82031         | Intertrochanteric Fx-Opn | 85109         | Cortex Contus-Concus Nos |
| 80669         | Fx Sacrum-Cl/Crd Inj Nec | 82032         | Subtrochanteric Fx-Open  | 85110         | Cortex Contusion/Opn Wnd |
| 80670         | Fx Sacrum-Op/Crd Inj Nos | 8208          | Fx Neck Of Femur Nos-Cl  | 85111         | Opn Cortx Contus-No Coma |
| 80671         | Fx Sacr-Op/Cauda Equ Les | 8209          | Fx Neck Of Femur Nos-Opn | 85112         | Opn Cort Contus-Brf Coma |
| 80672         | Fx Sacr-Op/Cauda Inj Nec | 82100         | Fx Femur Nos-Closed      | 85113         | Opn Cort Contus-Mod Coma |
| 80679         | Fx Sacrum-Op/Crd Inj Nec | 82101         | Fx Femur Shaft-Closed    | 85114         | Opn Cort Contu-Prol Coma |
| 8068          | Vert Fx Nos-Cl W Crd Inj | 82110         | Fx Femur Nos-Open        | 85115         | Opn Cort Contu-Deep Coma |
| 8069          | Vert Fx Nos-Op W Crd Inj | 82111         | Fx Femur Shaft-Open      | 85116         | Opn Cort Contus-Coma Nos |
| 8080          | Fracture Acetabulum-Clos | 82120         | Fx Low End Femur Nos-Cl  | 85119         | Opn Cortx Contus-Concuss |
| 8081          | Fracture Acetabulum-Open | 82121         | Fx Femoral Condyle-Close | 85120         | Cerebral Cortex Lacerat  |
| 8082          | Fracture Of Pubis-Closed | 82122         | Fx Low Femur Epiphy-Clos | 85121         | Cortex Lacerat W/O Coma  |
| 8083          | Fracture Of Pubis-Open   | 82123         | Supracondyl Fx Femur-Cl  | 85122         | Cortex Lacera-Brief Coma |
| 80841         | Fracture Of Ilium-Closed | 82129         | Fx Low End Femur Nec-Cl  | 85123         | Cortex Lacerat-Mod Coma  |
| 80842         | Fracture Ischium-Closed  | 82130         | Fx Low End Femur Nos-Opn | 85124         | Cortex Lacerat-Prol Coma |
| 80843         | Pelv Fx-Clos/Pelv Disrup | 82131         | Fx Femoral Condyle-Open  | 85125         | Cortex Lacerat-Deep Coma |
| 80849         | Pelvic Fracture Nec-Clos | 82132         | Fx Low Femur Epiphy-Open | 85126         | Cortex Lacerat-Coma Nos  |
| 80851         | Fracture Of Ilium-Open   | 82133         | Supracondyl Fx Femur-Opn | 85129         | Cortex Lacerat-Concuss   |
| 80852         | Fracture Of Ischium-Open | 82139         | Fx Low End Femur Nec-Opn | 85130         | Cortex Lacer W Opn Wound |
| 80853         | Pelv Fx-Open/Pelv Disrup | 83500         | Dislocat Hip Nos-Closed  | 85131         | Opn Cortex Lacer-No Coma |
| 80859         | Pelvic Fracture Nec-Open | 83501         | Posterior Disloc Hip-Cl  | 85132         | Opn Cortx Lac-Brief Coma |
| 8088          | Pelvic Fracture Nos-Clos | 83502         | Obturator Disloc Hip-Cl  | 85133         | Opn Cortx Lacer-Mod Coma |
| 8089          | Pelvic Fracture Nos-Open | 83503         | Ant Disloc Hip Nec-Clos  | 85134         | Opn Cortx Lac-Proln Coma |
| 82000         | Fx Femur Intrcaps Nos-Cl | 83510         | Dislocation Hip Nos-Open | 85135         | Opn Cortex Lac-Deep Coma |
| 82001         | Fx Up Femur Epiphy-Clos  | 83511         | Posterior Disloc Hip-Opn | 85136         | Opn Cortx Lacer-Coma Nos |
| 82002         | Fx Femur, Midcervic-Clos | 83512         | Obturator Disloc Hip-Opn | 85139         | Opn Cortx Lacer-Concuss  |
| 82003         | Fx Base Femoral Nck-Clos | 83513         | Ant Disloc Hip Nec-Open  | 85140         | Cerebel/Brain Stm Contus |
| 82009         | Fx Femur Intrcaps Nec-Cl | 8502          | Concussion-Moderate Coma | 85141         | Cerebell Contus W/O Coma |
| 82010         | Fx Femur Intrcap Nos-Opn | 8503          | Concussion-Prolong Coma  | 85142         | Cerebell Contus-Brf Coma |

**2010 ICD-9-CM Codes, CMS-HCC Model**

| <b>ICD-9-CM Code</b> | <b>ICD9_Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9_Description</b>  | <b>ICD-9-CM Code</b> | <b>ICD9_Description</b>  |
|----------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|
| 85143                | Cerebell Contus-Mod Coma | 85189                | Brain Lacer Nec-Concuss  | 85233                | Opn Subdur Hem-Mod Coma  |
| 85144                | Cerebel Contus-Prol Coma | 85190                | Brain Lac Nec W Open Wnd | 85234                | Opn Subdur Hem-Prol Coma |
| 85145                | Cerebel Contus-Deep Coma | 85191                | Opn Brain Lacer W/O Coma | 85235                | Opn Subdur Hem-Deep Coma |
| 85146                | Cerebell Contus-Coma Nos | 85192                | Opn Brain Lac-Brief Coma | 85236                | Opn Subdur Hem-Coma Nos  |
| 85149                | Cerebell Contus-Concuss  | 85193                | Opn Brain Lacer-Mod Coma | 85239                | Opn Subdur Hem-Concuss   |
| 85150                | Cerebel Contus W Opn Wnd | 85194                | Opn Brain Lac-Proln Coma | 85240                | Traumatic Extradural Hem |
| 85151                | Opn Cerebe Cont W/O Coma | 85195                | Open Brain Lac-Deep Coma | 85241                | Extradural Hem W/O Coma  |
| 85152                | Opn Cerebe Cont-Brf Coma | 85196                | Opn Brain Lacer-Coma Nos | 85242                | Extradur Hem-Brief Coma  |
| 85153                | Opn Cerebe Cont-Mod Coma | 85199                | Open Brain Lacer-Concuss | 85243                | Extradural Hem-Mod Coma  |
| 85154                | Opn Cerebe Cont-Prol Com | 85200                | Traum Subarachnoid Hem   | 85244                | Extradur Hem-Proln Coma  |
| 85155                | Opn Cerebe Cont-Deep Com | 85201                | Subarachnoid Hem-No Coma | 85245                | Extradural Hem-Deep Coma |
| 85156                | Opn Cerebe Cont-Coma Nos | 85202                | Subarach Hem-Brief Coma  | 85246                | Extradural Hem-Coma Nos  |
| 85159                | Opn Cerebel Cont-Concuss | 85203                | Subarach Hem-Mod Coma    | 85249                | Extadural Hem-Concuss    |
| 85160                | Cerebel/Brain Stem Lacer | 85204                | Subarach Hem-Prolng Coma | 85250                | Extradural Hem W Opn Wnd |
| 85161                | Cerebel Lacerat W/O Coma | 85205                | Subarach Hem-Deep Coma   | 85251                | Extradural Hemor-No Coma |
| 85162                | Cerebel Lacer-Brief Coma | 85206                | Subarach Hem-Coma Nos    | 85252                | Extradur Hem-Brief Coma  |
| 85163                | Cerebel Lacerat-Mod Coma | 85209                | Subarach Hem-Concussion  | 85253                | Extradural Hem-Mod Coma  |
| 85164                | Cerebel Lacer-Proln Coma | 85210                | Subarach Hem W Opn Wound | 85254                | Extradur Hem-Proln Coma  |
| 85165                | Cerebell Lacer-Deep Coma | 85211                | Opn Subarach Hem-No Coma | 85255                | Extradur Hem-Deep Coma   |
| 85166                | Cerebel Lacerat-Coma Nos | 85212                | Op Subarach Hem-Brf Coma | 85256                | Extradural Hem-Coma Nos  |
| 85169                | Cerebel Lacer-Concussion | 85213                | Op Subarach Hem-Mod Coma | 85259                | Extradural Hem-Concuss   |
| 85170                | Cerebel Lacer W Open Wnd | 85214                | Op Subarach Hem-Prol Com | 85300                | Traumatic Brain Hem Nec  |
| 85171                | Opn Cerebel Lac W/O Coma | 85215                | Op Subarach Hem-Deep Com | 85301                | Brain Hem Nec W/O Coma   |
| 85172                | Opn Cerebel Lac-Brf Coma | 85216                | Op Subarach Hem-Coma Nos | 85302                | Brain Hem Nec-Brief Coma |
| 85173                | Opn Cerebel Lac-Mod Coma | 85219                | Opn Subarach Hem-Concuss | 85303                | Brain Hem Nec-Mod Coma   |
| 85174                | Opn Cerebe Lac-Prol Coma | 85220                | Traumatic Subdural Hem   | 85304                | Brain Hem Nec-Proln Coma |
| 85175                | Opn Cerebe Lac-Deep Coma | 85221                | Subdural Hem W/O Coma    | 85305                | Brain Hem Nec-Deep Coma  |
| 85176                | Opn Cerebel Lac-Coma Nos | 85222                | Subdural Hem-Brief Coma  | 85306                | Brain Hem Nec-Coma Nos   |
| 85179                | Opn Cerebell Lac-Concuss | 85223                | Subdural Hemorr-Mod Coma | 85309                | Brain Hem Nec-Concussion |
| 85180                | Brain Laceration Nec     | 85224                | Subdural Hem-Prolng Coma | 85310                | Brain Hem Nec W Opn Wnd  |
| 85181                | Brain Lacer Nec W/O Coma | 85225                | Subdural Hem-Deep Coma   | 85311                | Brain Hem Opn W/O Coma   |
| 85182                | Brain Lac Nec-Brief Coma | 85226                | Subdural Hemorr-Coma Nos | 85312                | Brain Hem Opn-Brf Coma   |
| 85183                | Brain Lacer Nec-Mod Coma | 85229                | Subdural Hem-Concussion  | 85313                | Brain Hem Open-Mod Coma  |
| 85184                | Brain Lac Nec-Proln Coma | 85230                | Subdural Hem W Opn Wound | 85314                | Brain Hem Opn-Proln Coma |
| 85185                | Brain Lac Nec-Deep Coma  | 85231                | Open Subdur Hem W/O Coma | 85315                | Brain Hem Open-Deep Coma |
| 85186                | Brain Lacer Nec-Coma Nos | 85232                | Opn Subdur Hem-Brf Coma  | 85316                | Brain Hem Open-Coma Nos  |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         | ICD-9-CM Code | ICD9 Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| 85319         | Brain Hem Opn-Concussion | 8975          | Amput Leg, Unil Nos-Comp | 94882         | 80-89% Bdy Brn/20-29% 3d |
| 85400         | Brain Injury Nec         | 8976          | Amputation Leg, Bilat    | 94883         | 80-89% Bdy Brn/30-39% 3d |
| 85401         | Brain Injury Nec-No Coma | 8977          | Amputat Leg, Bilat-Compl | 94884         | 80-89% Bdy Brn/40-49% 3d |
| 85402         | Brain Inj Nec-Brief Coma | 9050          | Late Effec Skull/Face Fx | 94885         | 80-89% Bdy Brn/50-59% 3d |
| 85403         | Brain Inj Nec-Mod Coma   | 9059          | Late Eff Traumat Amputat | 94886         | 80-89% Bdy Brn/60-69% 3d |
| 85404         | Brain Inj Nec-Proln Coma | 9070          | Lt Eff Intracranial Inj  | 94887         | 80-89% Bdy Brn/70-79% 3d |
| 85405         | Brain Inj Nec-Deep Coma  | 9072          | Late Eff Spinal Cord Inj | 94888         | 80-89% Bdy Brn/80-89% 3d |
| 85406         | Brain Inj Nec-Coma Nos   | 94811         | 10-19% Bdy Brn/10-19% 3d | 94891         | 90% + Bdy Brn/10-19% 3rd |
| 85409         | Brain Inj Nec-Concussion | 94821         | 20-29% Bdy Brn/10-19% 3d | 94892         | 90% + Bdy Brn/20-29% 3rd |
| 85410         | Brain Injury W Opn Wnd   | 94822         | 20-29% Bdy Brn/20-29% 3d | 94893         | 90% + Bdy Brn/30-39% 3rd |
| 85411         | Opn Brain Inj W/O Coma   | 94831         | 30-39% Bdy Brn/10-19% 3d | 94894         | 90% + Bdy Brn/40-49% 3rd |
| 85412         | Opn Brain Inj-Brief Coma | 94832         | 30-39% Bdy Brn/20-29% 3d | 94895         | 90% + Bdy Brn/50-59% 3rd |
| 85413         | Opn Brain Inj-Mod Coma   | 94833         | 30-39% Bdy Brn/30-39% 3d | 94896         | 90% + Bdy Brn/60-69% 3rd |
| 85414         | Opn Brain Inj-Proln Coma | 94841         | 40-49% Bdy Brn/10-19% 3d | 94897         | 90% + Bdy Brn/70-79% 3rd |
| 85415         | Opn Brain Inj-Deep Coma  | 94842         | 40-49% Bdy Brn/20-29% 3d | 94898         | 90% + Bdy Brn/80-89% 3rd |
| 85416         | Open Brain Inj-Coma Nos  | 94843         | 40-49% Bdy Brn/30-39% 3d | 94899         | 90% + Bdy Brn/90% + 3rd  |
| 85419         | Opn Brain Inj-Concussion | 94844         | 40-49% Bdy Brn/40-49% 3d | 95200         | C1-C4 Spin Cord Inj Nos  |
| 8870          | Amput Below Elb, Unilat  | 94851         | 50-59% Bdy Brn/10-19% 3d | 95201         | Complete Les Cord/C1-C4  |
| 8871          | Amp Below Elb, Unil-Comp | 94852         | 50-59% Bdy Brn/20-29% 3d | 95202         | Anterior Cord Synd/C1-C4 |
| 8872          | Amput Abv Elbow, Unilat  | 94853         | 50-59% Bdy Brn/30-39% 3d | 95203         | Central Cord Synd/C1-C4  |
| 8873          | Amput Abv Elb, Unil-Comp | 94854         | 50-59% Bdy Brn/40-49% 3d | 95204         | C1-C4 Spin Cord Inj Nec  |
| 8874          | Amputat Arm, Unilat Nos  | 94855         | 50-59% Bdy Brn/50-59% 3d | 95205         | C5-C7 Spin Cord Inj Nos  |
| 8875          | Amput Arm, Unil Nos-Comp | 94861         | 60-69% Bdy Brn/10-19% 3d | 95206         | Complete Les Cord/C5-C7  |
| 8876          | Amputation Arm, Bilat    | 94862         | 60-69% Bdy Brn/20-29% 3d | 95207         | Anterior Cord Synd/C5-C7 |
| 8877          | Amputat Arm, Bilat-Compl | 94863         | 60-69% Bdy Brn/30-39% 3d | 95208         | Central Cord Synd/C5-C7  |
| 8950          | Amputation Toe           | 94864         | 60-69% Bdy Brn/40-49% 3d | 95209         | C5-C7 Spin Cord Inj Nec  |
| 8951          | Amputation Toe-Complicat | 94865         | 60-69% Bdy Brn/50-59% 3d | 95210         | T1-T6 Spin Cord Inj Nos  |
| 8960          | Amputation Foot, Unilat  | 94866         | 60-69% Bdy Brn/60-69% 3d | 95211         | Complete Les Cord/T1-T6  |
| 8961          | Amput Foot, Unilat-Compl | 94871         | 70-79% Bdy Brn/10-19% 3d | 95212         | Anterior Cord Synd/T1-T6 |
| 8962          | Amputation Foot, Bilat   | 94872         | 70-79% Bdy Brn/20-29% 3d | 95213         | Central Cord Synd/T1-T6  |
| 8963          | Amputat Foot, Bilat-Comp | 94873         | 70-79% Bdy Brn/30-39% 3d | 95214         | T1-T6 Spin Cord Inj Nec  |
| 8970          | Amput Below Knee, Unilat | 94874         | 70-79% Bdy Brn/40-49% 3d | 95215         | T7-T12 Spin Cord Inj Nos |
| 8971          | Amputat Bk, Unilat-Compl | 94875         | 70-79% Bdy Brn/50-59% 3d | 95216         | Complete Les Cord/T7-T12 |
| 8972          | Amput Above Knee, Unilat | 94876         | 70-79% Bdy Brn/60-69% 3d | 95217         | Anterior Cord Syn/T7-T12 |
| 8973          | Amput Abv Kn, Unil-Compl | 94877         | 70-79% Bdy Brn/70-79% 3d | 95218         | Central Cord Syn/T7-T12  |
| 8974          | Amputat Leg, Unilat Nos  | 94881         | 80-89% Bdy Brn/10-19% 3d | 95219         | T7-T12 Spin Cord Inj Nec |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          | ICD-9-CM Code | ICD9_Description          |
|---------------|---------------------------|---------------|---------------------------|---------------|---------------------------|
| 9522          | Lumbar Spinal Cord Injur  | 99645         | Periprosthetic Osteolysis | 99686         | Compl Pancreas Transplnt  |
| 9523          | Sacral Spinal Cord Injur  | 99646         | Articular Wear Prosth Jt  | 99687         | Comp Intestine Transplnt  |
| 9524          | Cauda Equina Injury       | 99647         | Mech Com Pros Jt Implant  | 99690         | Comp Reattach Extrem Nos  |
| 9528          | Spin Cord Inj-Mult Site   | 99649         | Mech Com Orth Dev Nec     | 99691         | Compl Reattached Forearm  |
| 9529          | Spinal Cord Injury Nos    | 99651         | Corneal Grft Malfunction  | 99692         | Compl Reattached Hand     |
| 9580          | Air Embolism              | 99652         | Oth Tissue Graft Malfunc  | 99693         | Compl Reattached Finger   |
| 9581          | Fat Embolism              | 99653         | Lens Prosthesis Malfunc   | 99694         | Compl Reattached Arm Nec  |
| 9582          | Secondary/Recur Hemorr    | 99654         | Breast Prosth Malfunc     | 99695         | Compl Reattached Foot     |
| 9583          | Posttraum Wnd Infec Nec   | 99655         | Comp-Artificial Skin Grf  | 99696         | Compl Reattached Leg Nec  |
| 9584          | Traumatic Shock           | 99656         | Comp-Periton Dialys Cath  | 99699         | Compl Reattach Part Nec   |
| 9585          | Traumatic Anuria          | 99657         | Complication-Insulin Pump | 99700         | Nervous Syst Complc Nos   |
| 9586          | Volkman's Isch Contract   | 99659         | Malfunc Oth Device/Graft  | 99701         | Surg Complication - Cns   |
| 9587          | Traum Subcutan Emphysema  | 99660         | Reaction-Unsp Devic/Grft  | 99702         | Iatrogen Cv Infarc/Hmrhg  |
| 9588          | Early Complic Trauma Nec  | 99661         | React-Cardiac Dev/Graft   | 99709         | Surg Comp Nerv System Nec |
| 95890         | Compartment Syndrome, Uns | 99662         | React-Oth Vasc Dev/Graft  | 9971          | Surg Compl-Heart          |
| 95891         | Traumatic Compartment Syn | 99663         | React-Nerv Sys Dev/Graft  | 9972          | Surg Comp-Peri Vasc Syst  |
| 95892         | Traumatic Compartment Syn | 99664         | React-Indwell Urin Cath   | 99731         | Ventltr Assoc Pneumonia   |
| 95893         | Traumatic Compartment Syn | 99665         | React-Oth Genitourin Dev  | 99739         | Respiratory Comp Nec      |
| 95899         | Traumatic Compartment Syn | 99666         | React-Inter Joint Prost   | 9974          | Surg Comp-Digestv System  |
| 99600         | Malfunc Card Dev/Grf Nos  | 99667         | React-Oth Int Ortho Dev   | 9975          | Surg Compl-Urinary Tract  |
| 99601         | Malfunc Cardiac Pacemaker | 99668         | React-Periton Dialy Cath  | 99760         | Amputat Stump Compl Nos   |
| 99602         | Malfunc Prosth Hrt Valve  | 99669         | React-Int Pros Devic Nec  | 99761         | Neuroma Amputation Stump  |
| 99603         | Malfunc Coron Bypass Grf  | 99670         | Comp-Unsp Device/Graft    | 99762         | Infection Amputat Stump   |
| 99604         | Mch Cmp Autm Mplnt Dfbrl  | 99671         | Comp-Heart Valve Prosth   | 99769         | Amputat Stump Compl Nec   |
| 99609         | Malfunc Card Dev/Grf Nec  | 99672         | Comp-Oth Cardiac Device   | 99771         | Vasc Comp Mesenteric Art  |
| 9961          | Malfunc Vasc Device/Graf  | 99673         | Comp-Ren Dialys Dev/Grft  | 99772         | Vasc Comp Renal Artery    |
| 9962          | Malfun Neuro Device/Graf  | 99674         | Comp-Oth Vasc Dev/Graft   | 99779         | Vascular Comp Vessel Nec  |
| 99630         | Malfunc Gu Dev/Graft Nos  | 99675         | Comp-Nerv Sys Dev/Graft   | 9980          | Postoperative Shock       |
| 99631         | Malfunc Urethral Cath     | 99676         | Comp-Genitourin Dev/Grft  | 9986          | Persist Postop Fistula    |
| 99632         | Malfunction Iud           | 99677         | Comp-Internal Joint Pros  | E9500         | Poison-Analgesics         |
| 99639         | Malfunc Gu Dev/Graft Nec  | 99678         | Comp-Oth Int Ortho Devic  | E9501         | Poison-Barbiturates       |
| 99640         | Cmp Int Orth Dev/Gft Nos  | 99679         | Comp-Int Prost Devic Nec  | E9502         | Poison-Sedat/Hypnotic     |
| 99641         | Mech Loosening Pros Jt    | 99682         | Compl Liver Transplant    | E9503         | Poison-Psychotropic Agt   |
| 99642         | Dislocate Prosthetic Jt   | 99683         | Compl Heart Transplant    | E9504         | Poison-Drug/Medicin Nec   |
| 99643         | Prosthctc Jt Implant Fail | 99684         | Compl Lung Transplant     | E9505         | Poison-Drug/Medicin Nos   |
| 99644         | Periprosthetic Fx-Pros Jt | 99685         | Compl Marrow Transplant   | E9506         | Poison-Agricult Agent     |

## 2010 ICD-9-CM Codes, CMS-HCC Model

| ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         | ICD-9-CM Code | ICD9_Description         |
|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| E9507         | Poison-Corrosiv/Caustic  | E9587         | Injury-Caustic Substance | V4974         | Status Amput Ankle       |
| E9508         | Poison-Arsenic           | E9588         | Injury-Nec               | V4975         | Status Amput Below Knee  |
| E9509         | Poison-Solid/Liquid Nec  | E9589         | Injury-Nos               | V4976         | Status Amput Above Knee  |
| E9510         | Poison-Piped Gas         | E959          | Late Eff Of Self-Injury  | V4977         | Status Amput Hip         |
| E9511         | Poison-Gas In Container  | V08           | Asymp Hiv Infectn Status | V521          | Fitting Artificial Leg   |
| E9518         | Poison-Utility Gas Nec   | V421          | Heart Transplant Status  | V550          | Atten To Tracheostomy    |
| E9520         | Poison-Exhaust Gas       | V426          | Lung Transplant Status   | V551          | Atten To Gastrostomy     |
| E9521         | Poison-Co Nec            | V427          | Liver Transplant Status  | V552          | Atten To Ileostomy       |
| E9528         | Poison-Gas/Vapor Nec     | V4281         | Trnspl Status-Bne Marrow | V553          | Atten To Colostomy       |
| E9529         | Poison-Gas/Vapor Nos     | V4282         | Trspl Sts-Perip Stm Cell | V554          | Atten To Enterostomy Nec |
| E9530         | Injury-Hanging           | V4283         | Trnspl Status-Pancreas   | V555          | Atten To Cystostomy      |
| E9531         | Injury-Suff W Plas Bag   | V4284         | Trnspl Status-Intestines | V556          | Atten To Urinostomy Nec  |
| E9538         | Injury-Strang/Suff Nec   | V4321         | Heart Assist Dev Replace | V558          | Attn To Artif Open Nec   |
| E9539         | Injury-Strang/Suff Nos   | V4322         | Artificial Heart Replace | V559          | Attn To Artif Open Nos   |
| E954          | Injury-Submersion        | V440          | Tracheostomy Status      | V560          | Renal Dialysis Encounter |
| E9550         | Injury-Handgun           | V441          | Gastrostomy Status       | V561          | Ft/Adj Xtrcorp Dial Cath |
| E9551         | Injury-Shotgun           | V442          | Ileostomy Status         | V562          | Fit/Adj Perit Dial Cath  |
| E9552         | Injury-Hunting Rifle     | V443          | Colostomy Status         | V5631         | Hemodialysis Testing     |
| E9553         | Injury-Military Firearm  | V444          | Enterostomy Status Nec   | V5632         | Peritoneal Dialysis Test |
| E9554         | Injury-Firearm Nec       | V4450         | Cystostomy Status Nos    | V568          | Dialysis Encounter, Nec  |
| E9555         | Injury-Explosives        | V4451         | Cutaneous-Vesicos Status | V5867         | Long-Term Use Of Insulin |
| E9556         | Self Inflict Acc-Air Gun | V4452         | Appendico-Vesicos Status |               |                          |
| E9557         | Self Inj-Paintball Gun   | V4459         | Cystostomy Status Nec    |               |                          |
| E9559         | Injury-Firearm/Expl Nos  | V446          | Urinostomy Status Nec    |               |                          |
| E956          | Injury-Cut Instrument    | V448          | Artif Open Status Nec    |               |                          |
| E9570         | Injury-Jump Fm Residence | V449          | Artif Open Status Nos    |               |                          |
| E9571         | Injury-Jump Fm Struc Nec | V4511         | Renal Dialysis Status    |               |                          |
| E9572         | Injury-Jump Fm Natur Sit | V4512         | Noncmlnt W Renal Dialys  |               |                          |
| E9579         | Injury-Jump Nec          | V4611         | Respirator Depend Status |               |                          |
| E9580         | Injury-Moving Object     | V4612         | Resp Depend-Powr Failure |               |                          |
| E9581         | Injury-Burn, Fire        | V4613         | Weaning From Respirator  |               |                          |
| E9582         | Injury-Scald             | V4614         | Mech Comp Respirator     |               |                          |
| E9583         | Injury-Extreme Cold      | V4970         | Status Amput Lwr Lmb Nos |               |                          |
| E9584         | Injury-Electrocution     | V4971         | Status Amput Great Toe   |               |                          |
| E9585         | Injury-Motor Veh Crash   | V4972         | Status Amput Othr Toe(S) |               |                          |
| E9586         | Injury-Aircraft Crash    | V4973         | Status Amput Foot        |               |                          |