**Validation of ICD-9-CM/ICD-10-CM Codes for Automated Electronic Scoring of**

**APACHE II, APACHE III, and SAPS II: Supplementary Material**

**Part I. ICD-9-CM Codes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Comorbidity** | **2014/2015 ICD-9-CM** | **Exclude if DRG in the Major Diagnostic Category (MDC)** |
| **1** | Biopsy-proven cirrhosis | | |
|  | Diagnostic procedures on liver (2014) | 50.1 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Closed (percutaneous) [needle] biopsy of liver | 50.11 |
|  | Open biopsy of liver | 50.12 |
|  | Transjugular liver biopsy | 50.13 |
|  | Laparoscopic liver biopsy | 50.14 |
|  | Other diagnostic procedures on liver | 50.19 |
|  | Chronic liver disease and cirrhosis (2015) | [571](http://www.icd9data.com/2015/Volume1/520-579/570-579/571/571.htm) |
|  | Alcoholic fatty liver | 571.0 |
|  | Acute alcoholic hepatitis | 571.1 |
|  | Alcoholic cirrhosis of liver | 571.2 |
|  | Alcoholic liver damage, unspecified | 571.3 |
|  | Chronic hepatitis | [571.4](http://www.icd9data.com/2015/Volume1/520-579/570-579/571/571.htm) |
|  | Chronic hepatitis, unspecified | 571.40 |
|  | Chronic persistent hepatitis | 571.41 |
|  | Autoimmune hepatitis | 571.42 |
|  | Other chronic hepatitis | 571.49 |
|  | Cirrhosis of liver without mention of alcohol | 571.5 |
|  | Biliary cirrhosis | 571.6 |
|  | Other chronic nonalcoholic liver disease | 571.8 |
|  | Unspecified chronic liver disease without mention of alcohol | 571.9 |
| **2** | Documented portal hypertension | | |
|  | Portal Hypertension (2014) | 572.3 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
| **3** | Episodes of past upper GI bleeding attributed to portal hypertension | | |
|  | Portal Hypertension (2014) | 572.3 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Secondary and recurrent hemorrhage (2015) | 958.2 |
|  | Hemorrhage, unspecified (2014) | 459.0 |
|  | Hemorrhage of gastrointestinal tract, unspecified (2014) | 578.9 |
|  | Other specified disorders of stomach and duodenum (2014) | 537.89 |
|  | Esophageal hemorrhage (2014) | 530.82 |
| **4** | Prior episodes of hepatic failure | | |
|  | Other sequelae of chronic liver disease (2014) | 572.8 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Acute and subacute necrosis of liver | 570 |
|  | Other digestive system complications | 997.49 |
|  | Unspecified disorder of liver (2014) | 573.9 |
|  | Alcoholic liver damage, unspecified (2014) | 571.3 |
|  | Unspecified chronic liver disease without mention of alcohol (2014) | 571.9 |
|  | Other chronic nonalcoholic liver disease | 571.8 |
| **5** | Cirrhosis | | |
|  | Chronic liver disease and cirrhosis (2015) | [571](http://www.icd9data.com/2015/Volume1/520-579/570-579/571/571.htm) | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Alcoholic fatty liver | 571.0 |
|  | Acute alcoholic hepatitis | 571.1 |
|  | Alcoholic cirrhosis of liver | 571.2 |
|  | Alcoholic liver damage, unspecified | 571.3 |
|  | Chronic hepatitis | [571.4](http://www.icd9data.com/2015/Volume1/520-579/570-579/571/571.htm) |
|  | Chronic hepatitis, unspecified | 571.40 |
|  | Chronic persistent hepatitis | 571.41 |
|  | Autoimmune hepatitis | 571.42 |
|  | Other chronic hepatitis | 571.49 |
|  | Cirrhosis of liver without mention of alcohol | 571.5 |
|  | Biliary cirrhosis | 571.6 |
|  | Other chronic nonalcoholic liver disease | 571.8 |
|  | Unspecified chronic liver disease without mention of alcohol | 571.9 |
| **6** | Prior episodes of encephalopathy | | |
|  | Encephalopathy, unspecified (2014) | 348.3 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Hepatic encephalopathy | 572.2 |
| **7** | Prior episodes of coma | | |
|  | Coma | 780.01 | [MDC 01 Diseases & Disorders of the Nervous System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0004.html) |
|  | Hepatic encephalopathy | 572.2 |
| **8** | New York Heart Association (NYHA) Class IV Heart Failure | | |
|  | Heart failure (2014) | 428 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html) |
|  | Congestive heart failure, unspecified | 428.0 |
|  | Left heart failure | 428.1 |
|  | Systolic heart failure | 428.2 |
|  | Systolic heart failure, unspecified | 428.20 |
|  | Acute systolic heart failure | 428.21 |
|  | Chronic systolic heart failure | 428.22 |
|  | Acute on chronic systolic heart failure | 428.23 |
|  | Diastolic heart failure | 428.3 |
|  | Diastolic heart failure, unspecified | 428.30 |
|  | Acute diastolic heart failure | 428.31 |
|  | Chronic diastolic heart failure | 428.32 |
|  | Acute on chronic diastolic heart failure | 428.33 |
|  | Combined systolic and diastolic heart failure | 428.4 |
|  | Combined systolic and diastolic heart failure, unspecified | 428.40 |
|  | Acute combined systolic and diastolic heart failure | 428.41 |
|  | Chronic combined systolic and diastolic heart failure | 428.42 |
|  | Acute on chronic combined systolic and diastolic heart failure | 428.43 |
|  | Heart failure, unspecified | 428.9 |
| **9** | Chronic restrictive, obstructive, or vascular disease resulting in severe exercise restriction (Ie. Unable to climb stairs or perform household duties) | | |
|  | Chronic Obstructive Pulmonary Disease And Allied Conditions | 490-496 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html)  [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Bronchitis, not specified as acute or chronic (2014) | 490 |
|  | Chronic bronchitis (2014) | 491 |
|  | Simple chronic bronchitis | 491.0 |
|  | Mucopurulent chronic bronchitis | 491.1 |
|  | Obstructive chronic bronchitis without exacerbation | 491.20 |
|  | Obstructive chronic bronchitis with (acute) exacerbation | 491.21 |
|  | Obstructive chronic bronchitis with acute bronchitis | 491.22 |
|  | Other chronic bronchitis | 491.8 |
|  | Unspecified chronic bronchitis | 491.9 |
|  | Emphysema (2014) | 492 |
|  | Emphysematous bleb | 492.0 |
|  | Other emphysema | 492.8 |
|  | Asthma (2014) | 493 |
|  | Extrinsic asthma | 493.0 |
|  | Extrinsic asthma, unspecified | 493.00 |
|  | Extrinsic asthma with status asthmaticus | 493.01 |
|  | Extrinsic asthma with (acute) exacerbation | 493.02 |
|  | Intrinsic asthma | 493.1 |
|  | Intrinsic asthma, unspecified | 493.10 |
|  | Intrinsic asthma with status asthamticus | 493.11 |
|  | Intrinsic asthma with (acute) exacerbation | 493.12 |
|  | Chronic obstructive asthma | 493.2 |
|  | Chronic obstructive asthma, unspecified | 493.20 |
|  | Chronic obstructive asthma with status asthmaticus | 493.21 |
|  | Chronic obstructive asthma with (acute) exacerbation | 493.22 |
|  | Other forms of asthma | 493.8 |
|  | Exercise induced bronchospasm | 493.81 |
|  | Cough variant asthma | 493.82 |
|  | Asthma unspecified | 493.9 |
|  | Asthma, unspecified type, unspecified | 493.90 |
|  | Asthma, unspecified type, with status asthmaticus | 493.91 |
|  | Asthma, unspecified type, with (acute) exacerbation | 493.92 |
|  | Bronchiectasis (2014) | 494 |
|  | Bronchiectasis without acute exacerbation | 494.0 |
|  | Bronchiectasis with acute exacerbation | 494.1 |
|  | Extrinsic allergic alveolitis (2014) | 495 |
|  | Farmers' lung | 495.0 |
|  | Bagassosis | 495.1 |
|  | Bird-fanciers' lung | 495.2 |
|  | Suberosis | 495.3 |
|  | Malt workers' lung | 495.4 |
|  | Mushroom workers' lung | 495.5 |
|  | Maple bark-strippers' lung | 495.6 |
|  | "Ventilation" pneumonitis | 495.7 |
|  | Other specified allergic alveolitis and pneumonitis | 495.8 |
|  | Unspecified allergic alveolitis and pneumonitis | 495.9 |
|  | Chronic airway obstruction, not elsewhere classified (2014) | 496 |
|  | Other diseases of lung, not elsewhere classified (2014) | 518.89 |
|  | Peripheral vascular disease, unspecified (2014) | 443.9 |
|  | Diabetes with peripheral circulatory disorders | 250.7 |
|  | Secondary diabetes mellitus with peripheral circulatory disorders | 249.7 |
|  | Other peripheral vascular disease | 443 |
|  | Coronary atherosclerosis of unspecified type of vessel, native or graft | 414.00 |
|  | Other symptoms involving nervous and musculoskeletal systems | 781.99 |
|  | Other malaise and fatigue | 780.79 |
| **10** | Chronic hypoxia | | |
|  | Chronic respiratory failure | 518.83 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html)  [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Hypoxemia | 799.02 |
|  | Other acute and subacute forms of ischemic heart disease, other | 411.89 |
|  | Idiopathic sleep related non-obstructive alveolar hypoventilation | 327.24 |
| **11** | Hypercapnia | | |
|  | Acute respiratory failure | 518.81 | [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Mixed acid-base balance disorder | 276.4 |
|  | Acute and chronic respiratory failure | 518.84 |
|  | Other respiratory abnormalities (hypercapnia) | 786.09 |
|  | Obstructive sleep apnea (adult)(pediatric) | 327.23 |
|  | Acute and chronic respiratory failure following trauma and surgery | 518.53 |
|  | Acute respiratory failure following trauma and surgery | 518.51 |
|  | Other respiratory problems after birth | 770.89 |
| **12** | Secondary polycythemia | | |
|  | Polycythemia, secondary | 289.0 | [MDC 16 Diseases & Disorders of Blood, Blood Forming Organs, Immunologic Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0019.html) |
| **13** | Severe pulmonary hypertension (>40 mmHg) | | |
|  | Primary pulmonary hypertension | 416 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html) |
|  | Other chronic pulmonary heart diseases | 416.8 |
| **14** | Respiratory dependency | | |
|  | Dependence on other enabling machines | V46.8 | [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Aspirator | V46.0 |
|  | Hyperbaric chamber | V46.8 |
|  | Iron lung | V46.11 |
|  | Machine (enabling) | V46.9 |
|  | Specified type NEC | V46.8 |
|  | Respirator (ventilator) | V45.11 |
|  | Respirator (ventilator) encounter during power failure | V46.12 |
|  | Respirator (ventilator) encounter during mechanical failure | V46.14 |
|  | Respirator (ventilator) for weaning | V46.13 |
|  | Supplemental oxygen | V46.2 |
| **15** | Acute renal failure |  |
|  | Acute renal failure | 584 |
|  | Acute kidney failure with lesion of tubular necrosis | 584.5 |
|  | Acute kidney failure with lesion of renal cortical necrosis | 584.6 |
|  | Acute kidney failure with lesion of renal medullary [papillary] necrosis | 584.7 |
|  | Acute kidney failure with other specified pathological lesion in kidney | 584.8 |
|  | Acute kidney failure, unspecified | 584.9 |
| **16** | Receiving chronic dialysis | | |
|  | End stage renal disease | 585.6 | [MDC 11 Diseases & Disorders of the Kidney & Urinary Tract](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0014.html) |
|  | Requiring chronic dialysis | 585.6 |
|  | Hemodialysis (intermittent) | V45.11 |
|  | Peritoneal dialysis (intermittent) | V45.11 |
|  | Encounter for adequacy testing for hemodialysis | V56.31 |
|  | Encounter for adequacy testing for peritoneal dialysis | V56.32 |
| **17** | Patient has received therapy that suppresses resistance to infection | | |
|  | Personal history of immunosuppressive therapy | V87.46 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Antineoplastic drug | V87.41 |
|  | Estrogen | V87.43 |
|  | Drug NEC | V87.49 |
|  | Immunosuppression | V87.46 |
|  | Monoclonal drug | V87.42 |
|  | Steroid | V87.45 |
|  | Inhaled steroid | V87.45 |
|  | Systemic steroid | V87.45 |
| **18** | Immunosuppression | | |
|  | Immunosuppression | V87.46 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
| **19** | Chemotherapy | | |
|  | Antineoplastic and immunosuppressive drugs causing adverse effects in therapeutic use | E933.1 | [MDC 20 Alcohol/Drug Use & Alcohol/Drug Induced Organic Mental Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0023.html) |
|  | Personal history of antineoplastic chemotherapy | V87.41 |
|  | Encounter for antineoplastic chemotherapy | V58.11 |
|  | Encounter for antineoplastic immunotherapy | V58.12 |
| **20** | Radiation | | |
|  | Exposure to radiation | E926 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Exposure to radiofrequency radiation | E926.0 |
|  | Exposure to infra-red radiation from heaters and lamps | E926.1 |
|  | Exposure to visible and ultraviolet light sources | E926.2 |
|  | Exposure to x-rays and other electromagnetic ionizing radiation | E926.3 |
|  | Exposure to lasers | E926.4 |
|  | Exposure to radioactive isotopes | E926.5 |
|  | Exposure to other specified radiaation | E926.8 |
|  | Exposure to unspecified radiation | E926.9 |
| **21** | Long-term or high-dose steroids | | |
|  | Long-term (current) use of steroids | V58.65 | [MDC 20 Alcohol/Drug Use & Alcohol/Drug Induced Organic Mental Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0023.html) |
|  | Personal history of systemic steroid therapy | V87.45 |
| **22** | Metastatic cancer (proven by surgery, CT scan, or any other method) | | |
|  | Neoplasms | 140-239 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Other malignant neoplasm without specification of site | 199.1 |
| **23** | Hematologic malignancy (includes lymphoma, acute leukemia, or multiple myeloma) | | |
|  | Malignant Neoplasm of Lymphatic And Hematopoietic Tissue | 200-209 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
| **24** | Leukemia | | |
|  | Leukemia of unspecified cell type | 208 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Leukemia of unspecified cell type acute | 208.0 |
|  | Acute leukemia of unspecified cell type, without mention of having achieved remission | 208.00 |
|  | Acute leukemia of unspecified cell type, in remission | 208.01 |
|  | Acute leukemia of unspecified cell type, in relapse | 208.02 |
|  | Leukemia of unspecified cell type chronic | 208.1 |
|  | Chronic leukemia of unspecified cell type, without mention of having achieved remission | 208.10 |
|  | Chronic leukemia of unspecified cell type, in remission | 208.11 |
|  | Chronic leukemia of unspecified cell type, in relapse | 208.12 |
|  | Leukemia of unspecified cell type subacute | 208.2 |
|  | Subacute leukemia of unspecified cell type, without mention of having achieved remission | 208.20 |
|  | Subacute leukemia of unspecified cell type, in remission | 208.21 |
|  | Subacute leukemia of unspecified cell type, in relapse | 208.22 |
|  | Other leukemia of unspecified cell type | 208.8 |
|  | Other leukemia of unspecified cell type, without mention of having achieved remission | 208.80 |
|  | Other leukemia of unspecified cell type, in remission | 208.81 |
|  | Other leukemia of unspecified cell type, in relapse | 208.82 |
|  | Unspecified leukemia | 208.9 |
|  | Unspecified leukemia, without mention of having achieved remission | 208.90 |
|  | Unspecified leukemia, in remission | 208.91 |
|  | Unspecified leukemia, in relapse | 208.92 |
|  | Other specified leukemia | 207 |
|  | Monocytic leukemia | 206 |
|  | Myeloid leukemia | 205 |
|  | Lymphoid leukemia | 204 |
| **25** | Advanced leukemia | | |
|  | Malignant neoplasm without specification of site | 199 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Leukemia of unspecified cell type | 208.9 |
| **26** | Lymphoma | | |
|  | Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue | 200 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Hodgkin's disease | 201 |
|  | Other malignant neoplasms of lymphoid and histiocytic tissue | 202 |
| **27** | AIDS (only if HIV positive with an AIDS-defining illness (PCP pneumonia, Kaposi's sarcoma, lymphoma, tuberculosis, or toxoplasma infection) | | |
|  | Human immunodeficiency virus [HIV] disease | 042 | [MDC 18 Infectious & Parasitic Diseases, Systemic or Unspecified Sites](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0021.html) |
|  | Unspecified infectious and parasitic diseases | 136.9 |
|  | Kaposi's sarcoma | 176 |
|  | Pneumocystosis | 136.3 |
|  | Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue | 200 |
|  | Hodgkin's disease | 201 |
|  | Other malignant neoplasms of lymphoid and histiocytic tissue | 202 |
|  | Tuberculosis | 010-018 |
|  | Toxoplasmosis | 130 |

**Part II. ICD-10-CM Codes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Comorbidity** | **2015/2016 ICD-10-CM** | **Exclude if DRG in the Major Diagnostic Category (MDC)** |
| **1** | Biopsy-proven cirrhosis | | |
|  | Drainage of Liver, Percutaneous Approach, Diagnostic | 0F903ZX | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Drainage of Liver, Percutaneous Endoscopic Approach, Diagnostic | 0F904ZX |
|  | Excision of Liver, Percutaneous Approach, Diagnostic | 0FB03ZX |
|  | Drainage of Liver, Open Approach, Diagnostic | 0F900ZX |
|  | Excision of Liver, Open Approach, Diagnostic | 0FB00ZX |
|  | Inspection of Liver, Percutaneous Approach | 0FJ03ZZ |
|  | Inspection of Liver, Open Approach | 0FJ00ZZ |
|  | Inspection of Liver, Percutaneous Endoscopic Approach | 0FJ04ZZ |
|  | Inspection of Liver, External Approach | 0FJ0XZZ |
|  | Cirrhosis, cirrhotic (hepatic) (liver) | K74.60 |
|  | Alcoholic | K70.30 |
|  | With ascites | K70.31 |
|  | Baumgarten-Cruveilhier | K74.69 |
|  | Biliary | K74.5 |
|  | Clonorchiasis | B66.1 |
|  | Flukes | B66.3 |
|  | Primary | K74.3 |
|  | Secondary | K74.4 |
|  | Cardiac (of liver) | K76.1 |
|  | Charcot's | K74.3 |
|  | Cholangiolitic, cholangitic, cholostatic (primary) | K74.3 |
|  | Congestive | K76.1 |
|  | Cruveilhier-Baumgarten | K74.69 |
|  | Crytpogenic (liver) | K74.69 |
|  | Due to hepatolenticular degeneration | E83.01 |
|  | Due to Wilson's disease | E83.01 |
|  | Xanthomatosis | E78.2 |
|  | Fatty | K76.0 |
|  | Fatty alcoholic | K70.0 |
|  | Hanot's (hypertrophic) | K74.3 |
|  | Hypertrophic | K74.3 |
|  | Indian childood | K74.69 |
|  | Laennec's | K70.30 |
|  | Laennec's with ascites | K70.31 |
|  | Laennec's alcoholic | K70.30 |
|  | Laennec's alcoholic with ascites | K70.31 |
|  | Laennec's nonalcoholic | K74.69 |
|  | Congenital | P78.81 |
|  | Syphilitic | A52.74 |
|  | Lung (chronic) | J84.10 |
|  | Macronodular | K74.69 |
|  | Macronodular alcoholic | K70.30 |
|  | Macronodular alcoholic with ascites | K70.31 |
|  | Micronodular | K74.69 |
|  | Micronodular alcoholic | K70.30 |
|  | Micronodular alcoholic with ascites | K70.31 |
|  | Mixed type | K74.69 |
|  | Monolobular | K74.3 |
|  | Nutritional | K74.69 |
|  | Nutritional alcoholic | K70.30 |
|  | Nutritional alcoholic with ascites | K70.31 |
|  | Ovarian | N83.8 |
|  | Pancreas (duct) | K86.8 |
|  | Pigmentary | E83.110 |
|  | Portal | K74.69 |
|  | Portal alcoholic | K70.30 |
|  | Portal alcoholic with ascites | K70.31 |
|  | Pulmonary | J84.10 |
|  | Spleen | D73.2 |
|  | Stasis | K76.1 |
|  | Todd's | K74.3 |
|  | Unilobar | K74.3 |
|  | Xanthomatous (biliary) | K74.5 |
|  | Due to xanthomatosis (familial) (metabolic) (primary) | E78.2 |
| **2** | Documented portal hypertension | | |
|  | Portal hypertension | K76.6 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
| **3** | Episodes of past upper GI bleeding attributed to portal hypertension | | |
|  | Portal hypertension | K76.6 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Traumatic secondary and recurrent hemorrhage and seroma, initial encounter | T79.2XXA |
|  | Hemorrhage, hemorrhagic (concealed) | R58 |
|  | Hemorrhage, hemorrhagic, recurring, following initial hemorrhage at time of injury | T79.2 |
|  | Gastrointestinal hemorrhage, unspecified | K92.2 |
|  | Other diseases of stomach and duodenum | K31.89 |
|  | Other specified diseases of esophagus | K22.8 |
|  | Gastritis, unspecified, with bleeding | K29.71 |
|  | Ulcer of esophagus with bleeding | K22.11 |
|  | Encounter for screening for upper gastrointestinal disorder | Z13.810 |
|  | Esophageal varices with bleeding | I85.01 |
|  | Chronic atrophic gastritis wih bleeding | K29.41 |
| **4** | Prior episodes of hepatic failure | | |
|  | Alcoholic hepatic failure | K70.4 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Alcoholic hepatic failure with coma | K70.41 |
|  | Hepatic failure | K72.90 |
|  | Hepatic failure, unspecified with coma | K72.91 |
|  | Chronic hepatic failure | K72.10 |
|  | Chronic hepatic failure with coma | K72.11 |
|  | Hepatic failure, not elsewhere classified | K72 |
| **5** | Cirrhosis | | |
|  | Cirrhosis, cirrhotic (hepatic) (liver) | K74.60 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Alcoholic | K70.30 |
|  | With ascites | K70.31 |
|  | Baumgarten-Cruveilhier | K74.69 |
|  | Biliary | K74.5 |
|  | Clonorchiasis | B66.1 |
|  | Flukes | B66.3 |
|  | Primary | K74.3 |
|  | Secondary | K74.4 |
|  | Cardiac (of liver) | K76.1 |
|  | Charcot's | K74.3 |
|  | Cholangiolitic, cholangitic, cholostatic (primary) | K74.3 |
|  | Congestive | K76.1 |
|  | Cruveilhier-Baumgarten | K74.69 |
|  | Crytpogenic (liver) | K74.69 |
|  | Due to hepatolenticular degeneration | E83.01 |
|  | Due to Wilson's disease | E83.01 |
|  | Xanthomatosis | E78.2 |
|  | Fatty | K76.0 |
|  | Fatty alcoholic | K70.0 |
|  | Hanot's (hypertrophic) | K74.3 |
|  | Hypertrophic | K74.3 |
|  | Indian childood | K74.69 |
|  | Laennec's | K70.30 |
|  | Laennec's with ascites | K70.31 |
|  | Laennec's alcoholic | K70.30 |
|  | Laennec's alcoholic with ascites | K70.31 |
|  | Laennec's nonalcoholic | K74.69 |
|  | Congenital | P78.81 |
|  | Syphilitic | A52.74 |
|  | Lung (chronic) | J84.10 |
|  | Macronodular | K74.69 |
|  | Macronodular alcoholic | K70.30 |
|  | Macronodular alcoholic with ascites | K70.31 |
|  | Micronodular | K74.69 |
|  | Micronodular alcoholic | K70.30 |
|  | Micronodular alcoholic with ascites | K70.31 |
|  | Mixed type | K74.69 |
|  | Monolobular | K74.3 |
|  | Nutritional | K74.69 |
|  | Nutritional alcoholic | K70.30 |
|  | Nutritional alcoholic with ascites | K70.31 |
|  | Ovarian | N83.8 |
|  | Pancreas (duct) | K86.8 |
|  | Pigmentary | E83.110 |
|  | Portal | K74.69 |
|  | Portal alcoholic | K70.30 |
|  | Portal alcoholic with ascites | K70.31 |
|  | Pulmonary | J84.10 |
|  | Spleen | D73.2 |
|  | Stasis | K76.1 |
|  | Todd's | K74.3 |
|  | Unilobar | K74.3 |
|  | Xanthomatous (biliary) | K74.5 |
|  | Due to xanthomatosis (familial) (metabolic) (primary) | E78.2 |
| **6** | Prior episodes of encephalopathy | | |
|  | Encephalopathy, unspecified | G93.40 | MDC 07 [Diseases & Disorders of the Hepatobiliary System & Pancreas](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0010.html) |
|  | Acute necrotizing hemorrhagic | G04.30 |
|  | Acute necrotizing hemorrhagic postimmunization | G04.32 |
|  | Acute necrotizing hemorrhagic postinfectious | G04.31 |
|  | Acute necrotizing specified NEC | G04.39 |
|  | Alcoholic | G31.2 |
|  | Arteriosclerotic | I67.2 |
|  | Centrolobar progressive (Schilder) | G37.0 |
|  | Congenital | Q07.9 |
|  | Degenerative, in specified disease NEC | G32.89 |
|  | Demyelinating callosal | G37.1 |
|  | Due to drugs | G92 |
|  | Hypertensive | I67.4 |
|  | Hypoglycemic | E16.2 |
|  | Hypoxic ischemic | P91.60 |
|  | Hypoxic ischemic mild | P91.61 |
|  | Hypoxic ischemic moderate | P91.62 |
|  | Hypoxic ischemic severe | P91.63 |
|  | In due to (with) birth injury | P11.1 |
|  | In due to (with) hyperinsulinism | E16.1 |
|  | In due to (with) lack of vitamin | E56.9 |
|  | In due to (with) neoplastic disease | D49.9 |
|  | In due to (with) serum | T80.69 |
|  | In due to (with) syphilis | A52.17 |
|  | In due to (with) trauma (postconcussional) | F07.81 |
|  | In due to (with) vaccination | G04.02 |
|  | Metabolic | G93.41 |
|  | Metabolic drug induced | G92 |
|  | Metabolic toxic | G92 |
|  | Necrotizing, subacute (Leigh) | G31.82 |
|  | Pellagrous | E52 |
|  | Postcontusional | F07.81 |
|  | Posthypoglycemic(coma) | E16.1 |
|  | Postradiation | G93.89 |
|  | Septic | G93.41 |
|  | Specified NEC | G93.49 |
|  | Spongioform, subacute (viral) | A81.09 |
|  | Toxic | G92 |
|  | Toxic metabolic | G92 |
|  | Traumatic (postconcussional) | F07.81 |
|  | Vitamin B deficiency | E53.9 |
|  | Vitamin B1 deficiency | E51.2 |
|  | Wenicke's | E51.2 |
| **7** | Prior episodes of coma | | |
|  | Coma | R40.2 | [MDC 01 Diseases & Disorders of the Nervous System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0004.html) |
|  | Unspecified coma | R40.20 |
|  | Coma scale, eyes open | R40.21 |
|  | Coma scale, eyes open, never | R40.211 |
|  | Coma scale, eyes open, never, unspecified time | R40.2110 |
|  | Coma scale, eyes open, never, in the field (EMT or ambulance) | R40.2111 |
|  | Coma scale, eyes open, never, at arrival to emergency department | R40.2112 |
|  | Coma scale, eyes open, never, at hospital admission | R40.2113 |
|  | Coma scale, eyes open, never, 24 hours or more after hospital admission | R40.2114 |
|  | Coma scale, eyes open, to pain | R40.212 |
|  | Coma scale, eyes open, to pain, unspecified time | R40.2120 |
|  | Coma scale, eyes open, to pain, in the filed (EMT or ambulance) | R40.2121 |
|  | Coma scale, eyes open, to pain, at arrival to emergency department | R40.2122 |
|  | Coma scale, eyes open, to pain, at hospital admission | R40.2123 |
|  | Coma scale, eyes open, to pain, 24 hours or more after hospital admission | R40.2124 |
|  | Coma scale, eyes open, to sound | R40.213 |
|  | Coma scale, eyes open, to sound, unspecified time | R40.2130 |
|  | Coma scale, eyes open, to sound, in the field (EMT or ambulance) | R40.2131 |
|  | Coma scale, eyes open, to sound, at arrival to emergency department | R40.2132 |
|  | Coma scale, eyes open, to sound, at hospital admission | R40.2133 |
|  | Coma scale, eyes open, to sound, 24 hours or more after hospital admission | R40.2134 |
|  | Coma scale, eyes open, spontaneous | R40.214 |
|  | Coma scale, eyes open, spontaenous, unspecified time | R40.2140 |
|  | Coma scale, eyes open, spontaneous, in the field (EMT or ambulance) | R40.2141 |
|  | Coma scale, eyes open, spontaneous, at arrival to emergency department | R40.2142 |
|  | Coma scale, eyes open, spontaneous, at hospital admission | R40.2143 |
|  | Coma scale, eyes open, spontaneous, 24 hours or more after hospital admission | R40.2144 |
|  | Coma scale, best verbal response | R40.22 |
|  | Coma scale, best verbal response, none | R40.221 |
|  | Coma scale, best verbal response, none, unspecified time | R40.2210 |
|  | Coma scale, best verbal response, none, in the field (EMT or ambulance) | R40.2211 |
|  | Coma scale, best verbal response, none, at arrival to emergency department | R40.2212 |
|  | Coma scale, best verbal response, none, at hospital admission | R40.2213 |
|  | Coma scale, best verbal response, none, 24 hours or more after hospital admission | R40.2214 |
|  | Coma scale, best verbal response, incomprehensible words | R40.222 |
|  | Coma scale, best verbal reponse, incomprehensible words, unspecified time | R40.2220 |
|  | Coma scale, best verbal response, incomprehensible words, in the field (EMT or ambulance) | R40.2221 |
|  | Coma scale, best verbal response, incomprehensible words, at arrival to emergency department | R40.2222 |
|  | Coma scale, best verbal response, incomprehensible words, at hospital admission | R40.2223 |
|  | Coma scale, best verbal response, incomprehensible words, 24 hours or more after hospital admission | R40.2224 |
|  | Coma scale, best verbal response, inappropriate words | R40.223 |
|  | Coma scale, best verbal response, inappropriate words, unspecified time | R40.2230 |
|  | Coma scale, best verbal response, inappropriate words, in the field (EMT or ambulance) | R40.2231 |
|  | Coma scale, best verbal response, inappropriate words, at arrival to emergency department | R40.2232 |
|  | Coma scale, best verbal response, inappropriate words, at hospital admission | R40.2233 |
|  | Coma scale, best verbal response, inappropriate words, 24 hours or more after hospital admission | R40.2234 |
|  | Coma scale, best verbal response, confused conversation | R40.224 |
|  | Coma scale, best verbal response, confused conversation, unspecified time | R40.2240 |
|  | Coma scale, best verbal response, confused conversation, in the field (EMT or ambulance) | R40.2241 |
|  | Coma scale, best verbal response, confused conversation, at arrival to emergency department | R40.2242 |
|  | Coma scale, best verbal response, confused conversation, at hospital admission | R40.2243 |
|  | Coma scale, best verbal response, confused conversation, 24 hours or more after hospital admission | R40.2244 |
|  | Coma scale, best verbal response, oriented | R40.225 |
|  | Coma scale, best verbal response, oriented, unspecified time | R40.2250 |
|  | Coma scale, best verbal response, oriented, in the field (EMT or ambulance) | R40.2251 |
|  | Coma scale, best verbal response, oriented, at arrival to emergency department | R40.2252 |
|  | Coma scale, best verbal response, oriented, at hospital admission | R40.2253 |
|  | Coma scale, best verbal response, oriented, 24 hours or more after hospital admission | R40.2254 |
|  | Coma scale, best motor response | R40.23 |
|  | Coma scale, best motor response, none | R40.231 |
|  | Coma scale, best motor response, none, unspecified time | R40.2310 |
|  | Coma scale, best motor response, none, in the field (EMT or ambulance) | R40.2311 |
|  | Coma scale, best motor response, none, at arrival to emergency department | R40.2312 |
|  | Coma scale, best motor response, none, at hospital admission | R40.2313 |
|  | Coma scale, best motor response, none, 24 hours or more after hospital admission | R40.2314 |
|  | Coma scale, best motor response, extension | R40.232 |
|  | Coma scale, best motor response, extension, unspecified time | R40.2320 |
|  | Coma scale, best motor response, extension, in the field (EMT or ambulance) | R40.2321 |
|  | Coma scale, best motor response, extension, at arrival to emergency department | R40.2322 |
|  | Coma scale, best motor response, extension, at hospital admission | R40.2323 |
|  | Coma scale, best motor response, extension, 24 hours or more after hospital admission | R40.2324 |
|  | Coma scale, best motor response, abnormal | R40.233 |
|  | Coma scale, best motor response, abnormal, unspecified time | R40.2330 |
|  | Coma scale, best motor response, abnormal, in the field (EMT or ambulance) | R40.2331 |
|  | Coma scale, best motor response, abnormal, at arrival to emergency department | R40.3332 |
|  | Coma scale, best motor response, abnormal, at hospital admission | R40.2333 |
|  | Coma scale, best motor response, abnormal, 24 hours or more after hospital admission | R40.2334 |
|  | Coma scale, best motor response, flexion withdrawal | R40.234 |
|  | Coma scale, best motor response, flexion withdrawal, unspecified time | R40.2340 |
|  | Coma scale, best motor response, flexion withdrawal, in the field (EMT or ambulance) | R40.2341 |
|  | Coma scale, best motor response, flexion withdrawal, at arrival to emergency department | R40.2342 |
|  | Coma scale, best motor response, flexion withdrawal, at hospital admission | R40.2343 |
|  | Coma scale, best motor response, flexion withdrawal, 24 hours or more after hospital admission | R40.2344 |
|  | Coma scale, best motor response, localizes pain | R40.235 |
|  | Coma scale, best motor response, localizes pain, unspecified time | R40.2340 |
|  | Coma scale, best motor response, localizes pain, in the field (EMT or ambulance) | R40.2341 |
|  | Coma scale, best motor response, localizes pain, at arrival to emergency department | R40.2342 |
|  | Coma scale, best motor response, localizes pain, at hospital admission | R40.2343 |
|  | Coma scale, best motor response, localizes pain, 24 hours or more after hospital admission | R40.2344 |
|  | Coma scale, best motor response, obeys commands | R40.236 |
|  | Coma scale, best motor response, obeys commands, unspecified time | R40.2360 |
|  | Coma scale, best motor response, obeys commands, in the field (EMT or ambulance) | R40.2361 |
|  | Coma scale, best motor response, obeys commands, at arrival to emergency department | R40.2362 |
|  | Coma scale, best motor response, obeys commands, at hospital admission | R40.2363 |
|  | Coma scale, best motor response, obeys commands, 24 hours or more after hospital admission | R40.2364 |
|  | Glasgow coma scale, total score | R40.24 |
|  | Glasgow coma scale score 13-15 | R40.241 |
|  | Glasgow coma scale score 9-12 | R40.242 |
|  | Glasgow coma score 3-8 | R40.243 |
|  | Other coma, without documented Glasgow coma scale score, or with partial score reported | R40.244 |
| **8** | New York Heart Association (NYHA) Class IV Heart Failure | | |
|  | Heart failure | I50 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html) |
|  | Left ventricular heart failure | I50.1 |
|  | Systolic (congestive) heart failure | I50.2 |
|  | Unspecified systolic (congestive) heart failure | I50.20 |
|  | Acute systolic (congestive) heart failure | I50.21 |
|  | Chronic systolic (congestive) heart failure | I50.22 |
|  | Acute on chronic systolic (congestive) heart failure | I50.23 |
|  | Diastolic (congestive) heart failure | I50.3 |
|  | Unspecified diastolic (congestive) heart failure | I50.30 |
|  | Acute diastolic (congestive) heart failure | I50.31 |
|  | Chronic diastolic (congestive) heart failure | I50.32 |
|  | Acute on chronic diastolic (congestive) heart failure | I50.33 |
|  | Combined systolic (congestive) and diastolic (congestive) heart failure | I50.4 |
|  | Unspecified combined systolic (congestive) and diastolic (congestive) heart failure | I50.40 |
|  | Acute combined systolic (congestive) and diastolic (congestive) heart failure | I50.41 |
|  | Chronic combined systolic (congestive) and diastolic (congestive) heart failure | I50.42 |
|  | Acue on chronic combined systolic (congestive) and diastolic (congestive) heart failure | I50.43 |
|  | Heart failure, unspecified | I50.9 |
| **9** | Chronic restrictive, obstructive, or vascular disease resulting in severe exercise restriction (Ie. Unable to climb stairs or perform household duties) | | |
|  | Chronic lower respiratory diseases | J40-J47 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html)  [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Bronchitis, not specified as acute or chronic | J40 |
|  | Simple and mucopurulent chronic bronchitis | J41 |
|  | Unspecified chronic bronchitis | J42 |
|  | Emphysema | J43 |
|  | Other chronic obstructive pulmonary disease | J44 |
|  | Asthma | J45 |
|  | Bronchiectasis | J47 |
|  | Other disorders of lung | J98.4 |
|  | Peripheral vascular disease | I3 |
|  | Type 2 diabetes mellitus with circulatory complications | E11.5 |
|  | Other symptoms and signs involving the nervous system | R29.818 |
|  | Other symptoms and signs involving the musculoskeletal system | R29.898 |
|  | Unspecified symptoms and signs involving the nervous system | R20.90 |
|  | Unspecified symptoms and signs involving the musculoskeletal system | R29.91 |
|  | Weakness | R53.1 |
|  | Other malaise | R53.81 |
|  | Other fatigue | R53.83 |
| **10** | Chronic hypoxia | | |
|  | Chronic respiratory failure | J96.1 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html)  [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Unspecified whether with hypoxia or hypercapnia | J96.10 |
|  | With hypoxia | J96.11 |
|  | Idiopathic sleep related nonobstructive alveolar hypoventilation | G47.34 |
|  | Obstructive sleep apnea (adult) (pediatric) | G47.33 |
|  | Respiratory failure, unspecified with hypoxia | J96.91 |
|  | Hypoxemia | R09.02 |
| **11** | Hypercapnia | | |
|  | Acute respiratory failure with hypercapnia | J96.02 | [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Chronic respiratory failure with hypercapnia | J96.12 |
|  | Acute and chronic respiratory failure with hypercapnia | J96.22 |
|  | Respiratory failure, unspecified, with hypercapnia | J96.92 |
| **12** | Secondary polycythemia | | |
|  | Polycythemia, secondary | D75.1 | [MDC 16 Diseases & Disorders of Blood, Blood Forming Organs, Immunologic Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0019.html) |
| **13** | Severe pulmonary hypertension (>40 mmHg) | | |
|  | Primary pulmonary hypertension | I27.0 | [MDC 05 Diseases & Disorders of the Circulatory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0008.html) |
|  | Other secondary pulmonary hypertension | I27.2 |
| **14** | Respiratory dependency | | |
|  | Dependence on other enabling machines and devices | Z99.89 | [MDC 04 Diseases & Disorders of the Respiratory System](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0007.html) |
|  | Dependence on aspirator | Z99.0 |
|  | Dependence on respirator | Z99.1 |
|  | Ventilator status | Z99.11 |
|  | Encounter for respirator (ventilator) dependence during power failure | Z99.12 |
|  | Dependence on renal dialysis | Z99.2 |
|  | Dependence on other enabling machines and devices | Z99.8 |
|  | Dependence on supplemental oxygen | Z99.81 |
|  | Dependence on other enabling machines and devices | Z99.89 |
| **15** | Acute renal failure |  |  |
|  | Acute renal failure | N17 |  |
|  | Acute kidney failure with tubular necrosis | N17.0 |  |
|  | Acute kidney failure with acute cortical necrosis | N17.1 | [MDC 11 Diseases & Disorders of the Kidney & Urinary Tract](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0014.html) |
|  | Acute kidney failure with medullary necrosis | N17.2 |  |
|  | Other acute kidney failure | N17.8 |  |
|  | Acute kidney failure, unspecified | N17.9 |  |
| **16** | Receiving chronic dialysis | | |
|  | Dependence on renal dialysis | Z99.2 | [MDC 11 Diseases & Disorders of the Kidney & Urinary Tract](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0014.html) |
|  | End stage renal disease | N18.6 |
|  | Encounter for adequacy testing for hemodialysis | Z49.31 |
| **17** | Patient has received therapy that suppresses resistance to infection | | |
|  | Personal history of immunosupression therapy | Z92.25 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Personal history of antineoplastic chemotherapy | Z92.21 |
|  | Personal history of systemic steroid therapy | Z92.241 |
| **18** | Immunosuppression | | |
|  | Personal history of immunosupression therapy | Z92.25 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
| **19** | Chemotherapy | | |
|  | Personal history of immunosupression therapy | Z92.25 | [MDC 20 Alcohol/Drug Use & Alcohol/Drug Induced Organic Mental Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0023.html) |
|  | Encounter for antineoplastic chemotherapy | Z51.11 |
|  | Personal history of antineoplastic chemotherapy | Z92.21 |
|  | Encounter for antineoplastic immunotherapy | Z51.12 |
| **20** | Radiation | | |
|  | Radiation Therapy | D | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Exposure to ionizing radiation | W88 |
|  | Exposure to X-rays | W88.0 |
|  | Exposure to radioactive isotopes | W88.1 |
|  | Exposure to other ionizing radiation | W88.8 |
| **21** | Long-term or high-dose steroids | | |
|  | Long term (current) use of systemic steroids | Z79.52 | [MDC 20 Alcohol/Drug Use & Alcohol/Drug Induced Organic Mental Disorders](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0023.html) |
|  | Personal history of systemic steroid therapy | Z92.241 |
| **22** | Metastatic cancer (proven by surgery, CT scan, or any other method) | | |
|  | Neoplasms | C00-D49 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Malignant (primary) neoplasm, unspecified | C80.1 |
|  | Secondary malignant neoplasm of unspecified site | C79.9 |
| **23** | Hematologic malignancy (includes lymphoma, acute leukemia, or multiple myeloma) | | |
|  | Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
| **24** | Leukemia | | |
|  | Lymphoid leukemia | C91 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Myeloid leukemia | C92 |
|  | Monocytic leukemia | C93 |
|  | Other leukemias of specified cell type | C94 |
|  | Leukemia of unspecified cell type | C95 |
|  | Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 |
| **25** | Advanced leukemia | | |
|  | Disseminated malignant neoplasm, unspecified | C80.0 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Malignant (primary) neoplasm, unspecified | C80.1 |
|  | Malignant neoplasm associated with transplanted organ | C80.2 |
|  | Leukemia, unspecified not having achieved remission | C95.90 |
| **26** | Lymphoma | | |
|  | Hodgkin lymphoma | C81 | [MDC 17 Myeloproliferative Diseases & Disorders, Poorly Differentiated Neoplasms](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0020.html) |
|  | Follicular lymphoma | C82 |
|  | Non-follicular lymphoma | C83 |
|  | Mature T/NK-cell lymphoma | C84 |
|  | Other specified and unspecified types of non-Hodgkin lymphoma | C85 |
|  | Other specified types of T/NK-cell lymphoma | C86 |
|  | Malignant immunoproliferative diseases and certain other B-cell lymphomas | C88 |
| **27** | AIDS (only if HIV positive with an AIDS-defining illness (PCP pneumonia, Kaposi's sarcoma, lymphoma, tuberculosis, or toxoplasma infection) | | |
|  | Human immunodeficiency virus (HIV) disease | B20 | [MDC 18 Infectious & Parasitic Diseases, Systemic or Unspecified Sites](https://www.cms.gov/icd10manual/version31-fullcode-cms/P0021.html) |
|  | Kaposi's sarcoma | C46 |
|  | Pneumocystosis | B59 |
|  | Hodgkin lymphoma | C81 |
|  | Follicular lymphoma | C82 |
|  | Non-follicular lymphoma | C83 |
|  | Mature T/NK-cell lymphoma | C84 |
|  | Other specified and unspecified types of non-Hodgkin lymphoma | C85 |
|  | Other specified types of T/NK-cell lymphoma | C86 |
|  | Malignant immunoproliferative diseases and certain other B-cell lymphomas | C88 |
|  | Tuberculosis | A15-A19 |
|  | Toxoplasmosis | B58 |