

# Diseases and Conditions Associated With HCCs

## Amputation

- Phantom limb syndrome, late effects
- Amputation status, infection or complication

## Arrest

- Tracheostomy status
- Chronic respiratory failure

## Blood

- Myelodysplastic syndrome
- Thalassemia
- Sickle cell disease or trait
- Hemolytic anemia
- Neutropenia
- Thrombocytopenia
- Hypercoagulable state
- Aplastic anemia
- Immunodeficiency (IgA, IgM, IgG)

## Cerebrovascular Disease

- Monoplegia, diplegia
- Hemiplegia, hemiparesis
- Cerebral palsy
- Paralysis

## Diabetes

- Diabetes insipidus
- Diabetes mellitus (DM) without complication (IDDM or NIDDM)
- DM with neuropathy (peripheral, polyneuropathy, arthropathy, ED or gastroparesis)
- DM with acute complications (ketoacidosis, hypoglycemia or hyperosmolarity)
- DM with hyperlipidemia
- DM with retinopathy, glaucoma, cataract, blindness or low vision
- DM with renal complications (CKD or nephropathy)
- DM with peripheral circulatory disorder (gangrene or peripheral angiopathy)
- Diabetes with erectile dysfunction

## Gastrointestinal

- Intestinal obstruction or perforation
- Peritonitis
- Fecal impaction
- Ulcerative colitis
- Chronic pancreatitis
- Ulcer with hemorrhage or perforation
- Crohn's disease

## Heart

- Heart failure, including with HTN
- Chronic pulmonary heart disease
- Angina (stable or unstable)
- Myocardial infarction, four weeks or less after onset (visible on EKG or echo)
- Cardiomyopathy
- Arrhythmia (Afib, flutter, SSS or tachycardia)

## Infection

- HIV, AIDS
- Opportunistic infections (e.g., CMV, mycobacteria, mycoses or toxoplasmosis)

## Kidney

- Renal dialysis status
- Noncompliance with renal dialysis
- CKD, stages III-V
- End-stage renal disease
- Nephritis
- Nephrotic syndrome

## Liver

- Chronic hepatitis
- Cirrhosis
- End-stage liver disease

## Lung

- Cystic fibrosis
- Chronic bronchitis, smoker's cough
- COPD
- Emphysema
- Sarcoidosis
- Post-inflammatory and idiopathic fibrosis
- Asbestosis
- Bronchiectasis

## Metabolic

- Cachexia
- Morbid obesity (BMI  $\geq$  40) or BMI  $\geq$  35 with comorbid condition
- Hyperparathyroidism or hypoparathyroidism
- Adrenal or pituitary disorders
- Secondary hyperparathyroidism (renal)
- Protein-calorie malnutrition

# Diseases and Conditions Associated With HCCs

## Musculoskeletal

- Rheumatoid arthritis
- Osteomyelitis, periostitis
- Lupus
- Sicca syndrome
- Bone, joint or muscle infections, or necrosis
- Arthropathy associated with infections
- Psoriatic arthropathy

## Neoplasm

- Location of primary malignancy
- Hodgkin's disease
- Multiple myeloma
- Leukemia
- Benign neoplasm of brain or CNS
- Metastatic cancer (including secondary site)

## Neurological

- Muscular dystrophy
- Polyneuritis
- Inflammatory or toxic neuropathy
- Myoneural disorders
- Multiple sclerosis
- Huntington's disease, Parkinson's disease
- Seizure disorders, epilepsy, convulsions
- Dementia, Alzheimer's disease
- Vascular dementia

## Openings

The status, infection or complication of the following sites:

- Gastrostomy
- Enterostomy
- Ileostomy
- Cystostomy
- Colostomy
- Urostomy

## Psychiatric

- Schizophrenia
- Major depression (inclusive of episode and severity of illness)
- Bipolar or paranoid disorders (acute to remission)
- Psychotic disorder
- Personality disorder

## Skin

- Pressure ulcer (location and stage)
- Chronic ulcer

## Spinal

- Quadriplegia
- Paraplegia
- Myelitis
- Spinal cord disorders or injury

## Substance Abuse

- Alcohol withdrawal, psychosis or dependence
- Drug withdrawal, psychosis or dependence (sedatives, hypnotics, amphetamines, barbiturates or opiates)
- Drug abuse
- Drug-induced mood disorders
- Drug-induced sleep disorders

## Vascular

- Gangrene
- Atherosclerosis (aortic or renal artery)
- Aneurysm
- Atherosclerosis of extremities with ulceration
- PVD/PAD
- Intermittent claudication
- Arterial disease
- Femoral vein phlebitis, deep phlebitis (leg)
- Chronic DVT/chronic PE

This is a reference of diseases and conditions that map to HCCs and impact Medicare risk adjustment. This reference is not comprehensive. For a comprehensive list of ICD-10-CM codes (and descriptions) that map to HCCs, visit [www.cms.gov/medicareAdvtgSpecRateStats](http://www.cms.gov/medicareAdvtgSpecRateStats). Choose the **Risk Adjustment** link in the left-hand menu, then select **2020 Model Software/ICD-10-CM Mappings**.

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