7. Diseases of the Circulatory System (390-459)

422.0 Acute myocarditis

- Code first underlying cause:
  - Myocarditis (acute):
    - Inflammatory (ICD-10: I40.8)
    - Subacute (ICD-10: I40.9)

422.0 Acute myocarditis in diseases classified elsewhere

- Code first underlying disease:
  - Myocarditis (acute): due to:
    - Acute rheumatic (ICD-10: I41.2)
    - Influenzal (ICD-10: I61.8)
    - Eclampsia (ICD-10: O34.0)
    - Aplastic anemia (ICD-10: D58.2)
    - Syphilis (ICD-10: A09.8)
    - Toxoplasmosis (ICD-10: B92.8)

- Excludes:
  - Acute myocarditis (ICD-10: I40.8)

422.1 Idiopathic myocarditis

- Myocarditis (acute or subacute):
  - Febrile:
  - Isolated (ICD-10: I40.9)
  - Nonspecific granulomatous (ICD-10: I40.9)

422.2 Septic myocarditis

- Myocarditis (acute or subacute):
  - Pneumococcal (ICD-10: I40.9)
  - Staphylococcal (ICD-10: I40.9)

422.3 Toxic myocarditis

- Myocarditis (acute or subacute):
  - Due to xenobiotics:
  - Toxic (ICD-10: I40.9)

422.4 Other and unspecified acute myocarditis

422.50 Acute myocarditis, unspecified

- Acute or subacute (ICD-10: I40.9)

422.51 Idiopathic myocarditis

- Myocarditis (acute or subacute):
  - Isolated (ICD-10: I40.9)
  - Nonspecific granulomatous (ICD-10: I40.9)

422.52 Septic myocarditis

- Myocarditis (acute or subacute):
  - Pneumococcal (ICD-10: I40.9)
  - Staphylococcal (ICD-10: I40.9)

422.53 Toxic myocarditis

- Myocarditis (acute or subacute):
  - Due to xenobiotics:
  - Toxic (ICD-10: I40.9)

422.9 Other and unspecified myocarditis

422.90 Acute myocarditis, unspecified

- Acute or subacute (ICD-10: I40.9)

422.91 Idiopathic myocarditis

- Myocarditis (acute or subacute):
  - Febrile:
  - Isolated (ICD-10: I40.9)
  - Nonspecific granulomatous (ICD-10: I40.9)

422.92 Septic myocarditis

- Myocarditis (acute or subacute):
  - Pneumococcal (ICD-10: I40.9)
  - Staphylococcal (ICD-10: I40.9)

422.93 Toxic myocarditis

- Myocarditis (acute or subacute):
  - Due to xenobiotics:
  - Toxic (ICD-10: I40.9)

422.99 Other and unspecified myocarditis

- Acute or subacute (ICD-10: I40.9)

423.0 Constrictive pericarditis

423.1 Adhesive pericarditis

423.2 Other conditions of the pericardium

423.9 Unspecified disease of pericardium

424 Other diseases of the endocardium

424.0 Mitral valve disorders

424.1 Aortic valve disorders

424.2 Tricuspid valve disorders

424.9 Other nonrheumatic mitral valve disorders

425.0 Mitral valve prolapse

459.89-459.9 Conditions classified elsewhere within the circulatory system

459.90 Other specified conditions involving the heart and pericardium

Cardiac Tamponade

- Life-threatening condition in which fluid or blood accumulates between the muscle of the heart (myocardium) and the outer sac (pericardium), resulting in compression of the heart, which decreases cardiac output.
426.0 Atrioventricular block, complete

426.1 Atrioventricular block, incomplete

426.2 Atrioventricular block, unspecified

426.3 Pulmonary valve disorders

426.4 Endocarditis, valve unspecified

426.5 Secondary cardiomyopathy, unspecified

426.6 Cardiomyopathy marked by left ventricular hypertrophy, enlarged heart in excess alcohol consumption

426.7 Nutritional and metabolic cardiomyopathy

426.8 Cardiomyopathy in other diseases classified elsewhere

426.9 Cardiovascular collagenosis

426.99 Other cardiomyopathies

426.999 Cardiomyopathy, unspecified

424.3–426.11 Diseases of the Circulatory System Tabular List

426.1 Hypertrophic obstructive cardiomyopathy

426.2 Obstructive cardiomyopathy of Africa

426.3 Endocardial fibroelastosis

426.4 Other primary cardiomyopathies

426.5 Alcoholic cardiomyopathy

426.7 Nutritional and metabolic cardiomyopathy

426.8 Cardiomyopathy in other diseases classified elsewhere

426.9 Secondary cardiomyopathy, unspecified

426 Conduction disorders

426.0 Atrioventricular block, complete

426.1 Atrioventricular block, incomplete

426.2 Atrioventricular block, unspecified

426.3 Pulmonary valve disorders

426.4 Endocarditis, valve unspecified

426.5 Secondary cardiomyopathy, unspecified

426.6 Cardiomyopathy marked by left ventricular hypertrophy, enlarged heart in excess alcohol consumption

426.7 Nutritional and metabolic cardiomyopathy

426.8 Cardiomyopathy in other diseases classified elsewhere

426.9 Secondary cardiomyopathy, unspecified

426 Conduction disorders

426.0 Atrioventricular block, complete

426.1 Atrioventricular block, incomplete

426.2 Atrioventricular block, unspecified

426.3 Pulmonary valve disorders

426.4 Endocarditis, valve unspecified

426.5 Secondary cardiomyopathy, unspecified

426.6 Cardiomyopathy marked by left ventricular hypertrophy, enlarged heart in excess alcohol consumption

426.7 Nutritional and metabolic cardiomyopathy

426.8 Cardiomyopathy in other diseases classified elsewhere

426.9 Secondary cardiomyopathy, unspecified

81.55 Revision of knee replacement, not otherwise specified
- Code also any removal of (cement) (joint) spacer

81.56 Total ankle replacement

81.57 Replacement of joint of foot and toe

81.59 Revision of joint replacement of lower extremity, not elsewhere classified

81.6 Other procedures on spine
- Note: Number of vertebrae
  - The vertebral spine consists of 25 vertebrae in the following order and number:
    - Cervical: C1 (atlas), C2 (axis), C3, C4, C5, C6, C7
    - Thoracic or Dorsal: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12
    - Lumbar and Sacral: L1, L2, L3, L4, L5, S1
- Coders should report only one code from the series 81.62-81.64 to show the total number of vertebrae fused on the patient.
- Code also the level and approach of the fusion or refusion (81.00-81.08, 81.30-81.39)

81.62 Fusion or refusion of 2-3 vertebrae

81.63 Fusion or refusion of 4-8 vertebrae

81.64 Fusion or refusion of 9 or more vertebrae

81.65 Percutaneous vertebroplasty
- Injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) into the diseased or fractured vertebral body

81.66 Percutaneous vertebral augmentation
- Aracaplaya
- Insertion of inflatable balloon, bone tamp, or other device displacing (removing) (compressing) bone to create a space (cavity) (void) prior to the injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) or other substance
- Hypophyseal
- Sphingomyelin
- Stereotaxi

81.7 Arthroplasty and repair of hand, fingers, and wrist
- Arthroplasty of hand and finger with:
  - External traction or fixation
  - Graft of bone (chips) or cartilage
  - Internal fixation device or prosthesis

81.71 Arthroplasty of metacarpophalangeal and interphalangeal joint with implant

81.72 Arthroplasty of metacarpophalangeal and interphalangeal joint without implant

81.73 Total wrist replacement

81.74 Arthroplasty of carpometacarpal joint with implant

81.75 Arthroplasty of carpometacarpal joint without implant

81.79 Other repair of hand, fingers, and wrist

81.8 Arthroplasty and repair of shoulder and elbow
- Arthroplasty of upper limb NEC with:
  - External traction or fixation
  - Graft of bone (chips) or cartilage
  - Internal fixation device or prosthesis

81.80 Total shoulder replacement

81.81 Partial shoulder replacement

81.82 Repair of recurrent dislocation of shoulder

81.83 Other repair of shoulder
- Revision of arthroplasty of shoulder NEC

81.84 Total elbow replacement

81.85 Other repair of elbow

Percutaneous Vertebral Augmentation

Arthrocentesis