427 Cardiac dysrhythmias

427.0 Paroxysmal supraventricular tachycardia
- Junctional - NOS

427.1 Paroxysmal ventricular tachycardia
- Junctional - NOS

427.2 Paroxysmal tachycardia, unspecified
- Non-sustained
- TIP: Use code(s) for heart failure and congenital heart disease.

427.3 Atrial arrhythmias
- Atrial fibrillation
- Atrial flutter

427.4 Ventricular arrhythmias
- Ventricular fibrillation
- Ventricular flutter

427.5 Other arrhythmias
- Premature contractions or systoles, unspecified
- Extrasystoles
- Ectopics

427.6 Arrhythmias, unspecified
- AHA: Definition of rhythm disturbances
- Def: Disturbance in the rhythm of heartbeats.

427.7 Other specified cardiac dysrhythmias
- Paroxysmal tachycardia, unspecified
- Paroxysmal supraventricular tachycardia

427.8 Other specified cardiac dysrhythmias
- Sinus bradycardia
- Sinus tachycardia
- Paroxysmal atrial tachycardia

427.9 Cardiac dysrhythmia, unspecified
- AHA: Definition of rhythm disturbances
- Def: Arrhythmia (cardiac) NOS

428 Heart failure

428.0 Congestive heart failure, unspecified
- AHA: Definition of heart failure
- Def: Congestion of heart and body due to inability of heart to pump and circulate blood.

428.1 Cardiac failure, specified
- Left heart failure
- Right heart failure
- Congenital heart failure

428.2 Heart failure, unspecified
- AHA: Definition of heart failure
- Def: Congestion of heart due to inability of heart to pump and circulate blood.

428.9 Heart failure, unspecified
- AHA: Definition of heart failure
- Def: Congestion of heart due to inability of heart to pump and circulate blood.
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### 440 Atherosclerosis

#### 440.0 Atherosclerosis of the extremities

- **440.0 Of native arteries of the extremities**
  - **440.01** Atherosclerosis of the extremities, unspecified
  - **440.02** Atherosclerosis of the extremities, of native arteries of the extremities
  - **440.03** Atherosclerosis of the extremities, of renal artery
  - **440.04** Atherosclerosis of the extremities, of renal arterioles
  - **440.05** Atherosclerosis of the extremities, other arterioles
  - **440.09** Atherosclerosis of the extremities, unspecified

#### 440.1 Of renal artery

- **440.11** Atherosclerosis of renal artery

#### 440.2 Of native arteries of the extremities

- **440.21** Atherosclerosis of the extremities, with intercurrent classification
  - **440.211** Atherosclerosis of the extremities, with intercurrent classification
  - **440.212** Atherosclerosis of the extremities, with intercurrent classification

#### 440.3 Of renal artery

- **440.31** Atherosclerosis of the kidney

#### 440.4 Of native arteries of the extremities

- **440.41** Atherosclerosis of the extremities, with gangrene
  - **440.411** Atherosclerosis of the extremities, with gangrene
  - **440.412** Atherosclerosis of the extremities, with gangrene

#### 440.5 Of renal artery

- **440.51** Atherosclerosis of the kidney

#### 440.6 Of native arteries of the extremities

- **440.61** Atherosclerosis of the extremities, with intercurrent classification
  - **440.611** Atherosclerosis of the extremities, with intercurrent classification
  - **440.612** Atherosclerosis of the extremities, with intercurrent classification

#### 440.7 Of renal artery

- **440.71** Atherosclerosis of the kidney

#### 440.8 Of native arteries of the extremities

- **440.81** Atherosclerosis of the extremities, with ulceration
  - **440.811** Atherosclerosis of the extremities, with ulceration
  - **440.812** Atherosclerosis of the extremities, with ulceration

#### 440.9 Of renal artery

- **440.91** Atherosclerosis of the kidney

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<tr>
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<tr>
<td>440.24</td>
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<td>440.25</td>
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410.1–411.89  CIRCULATORY SYSTEM

410.1–411.89 CIRCULATORY SYSTEM Tabular List

410.1 Other acute and subacute forms of ischemic heart disease

410.1 Of other anterior wall

410.2 Of inferolateral wall

410.3 Of inferoposterior wall

410.4 Of other inferior wall

410.5 Of other lateral wall

410.6 True posterior wall infarction

410.7 Subendocardial infarction

410.8 Of other specified sites

411 Other acute and subacute forms of ischemic heart disease

411.0 Postmyocardial infarction syndrome

411.1 Intermediate coronary syndrome

411.2 Other coronary occlusion without myocardial infarction

411.8 Other

Requires fifth digit. Valid digits are in [brackets] under each code. See category 410 for codes and definitions.
### Tabular List

#### CIRCULATORY SYSTEM 412–414.19

**412 Old myocardial infarction**
- **412.0** Old myocardial infarction
  - History of myocardial infarction diagnosed on ECG (EKG) or other special investigation, but currently presenting no symptoms
  - **TP:** Assign for any acute myocardial infarction stated to be older than 6 weeks.
  - **I25.2** Old myocardial infarction

**413 Angina pectoris**
- **413.0** Angina pectoris
  - Severe constriction pain in the chest, often radiating from the precordium to the left shoulder and down the arm, due to ischemia of the heart muscle; usually caused by coronary disease, but often occurring in the absence of coronary disease.
  - **DEF:** Severe constricting pain in the chest, often radiating from the precordium to the left shoulder and down the arm, due to ischemia of the heart muscle; usually caused by coronary disease, but often occurring in the absence of coronary disease.
  - **TP:** Assign for any acute myocardial infarction stated to be older than 8 weeks.
  - **I25.2** Old myocardial infarction

**413.00** Angina pectoris
- **413.01** Angina decubitus
  - **DEF:** Pain in the heart occurring when patient is recumbent; associated with ST-segment elevations.
  - **TP:** For patients with both angina and coronary artery disease, sequence the CAD subcategory 414.90 code first.

**413.01** Angina pectoris unspecified
- **TP:** For patients with both angina and coronary artery disease, sequence the CAD subcategory 414.90 code first.

**413.1 Prinzmetal angina**
- **DEF:** Angina occurring only in the recumbent position.

**413.2 Variant angina pectoris**
- **DEF:** Angina occurring when patient is recumbent; associated with ST-segment elevations.

**413.3 Other and unspecified angina pectoris**
- **DEF:** Other and unspecified angina pectoris.
- **TP:** For patients with both angina and coronary artery disease, sequence the CAD subcategory 414.90 code first.

**413.4 Angina pectoris unspecified**
- **TP:** For patients with both angina and coronary artery disease, sequence the CAD subcategory 414.90 code first.

**414 Other forms of chronic ischemic heart disease**
- **414.00** Arteriosclerotic cardiovascular disease (ASCVD) (I60–I69) (I40–I49.2)
  - **414.01** Of native coronary artery
    - **DEF:** Plaque deposits in native heart vessels.
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.02** Of autologous vein bypass graft
    - **DEF:** Plaque deposits in grafted vessel originating within patient.
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.03** Of nonautologous biological bypass graft
    - **DEF:** Plaque deposits in grafted vessel originating outside patient.
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.04** Of artery bypass graft
    - **DEF:** Plaque deposits in artery bypass graft originating within patient.
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.05** Of unspecified type of bypass graft
    - **DEF:** Plaque deposits in bypass graft originating within patient.
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.06** Of native coronary artery of transplanted heart
    - **DEF:** See code: 414.65
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.
  - **414.07** Of bypass graft (artery) (vein) of transplanted heart
    - **DEF:** See code: 414.65
    - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.

**414.1 Anoxemia and desiccation of heart**
- **414.10** Anoxemia of heart (wall)
  - **DEF:** Anoxemia (lack of oxygen) or desiccation (lack of moisture) of heart muscle.
  - **TP:** Assign for any acute myocardial infarction stated to be older than 6 weeks.
  - **I25.2** Old myocardial infarction

**414.11** Anoxemia of coronary vessels
- **DEF:** Anoxemia (lack of oxygen) of coronary vessels.
  - **TP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.

**414.12** Dissection of coronary artery
- **DEF:** A tear in the intimal arterial wall of a coronary artery resulting in the sudden intrusion of blood within the layers of the wall.

**414.13** Other anoxemia of heart
- **DEF:** Anoxemia (lack of oxygen) of heart muscle.

**414.14** Other anoxemia of heart
- **DEF:** Anoxemia (lack of oxygen) of heart muscle.

**414.15** Other anoxemia of heart
- **DEF:** Anoxemia (lack of oxygen) of heart muscle.

**414.16** Other anoxemia of heart
- **DEF:** Anoxemia (lack of oxygen) of heart muscle.