Instructions:
To best navigate the list, first download this PDF file to your computer. Then navigate the document using the bookmarks feature in the left column. The bookmarks expand and collapse. Finally, ensure that you look at the top of each category and work down to review notes or specific instructions.

As you start using the codes, it is recommended that you also check in Index and Tabular lists to ensure there is not a code with more specificity or a different code that may be more appropriate for your patient.
Adult respiratory distress syndrome
J80 Acute respiratory distress syndrome
   Acute respiratory distress syndrome in adult or child
   Adult hyaline membrane disease

Aneurysm
I25.4 Coronary artery aneurysm and dissection
   I25.41 Coronary artery aneurysm
   Coronary arteriovenous fistula, acquired
   Excludes1: congenital coronary (artery) aneurysm (Q24.5)
   I25.42 Coronary artery dissection
I71 Aortic aneurysm and dissection
   Excludes1: aortic ectasia (I77.81-)
   syphilitic aortic aneurysm (A52.01)
   traumatic aortic aneurysm (S25.09, S35.09)
I71.0 Dissection of aorta
   I71.00 Dissection of unspecified site of aorta
   I71.01 Dissection of thoracic aorta
   I71.02 Dissection of abdominal aorta
   I71.03 Dissection of thoracoabdominal aorta
I71.1 Thoracic aortic aneurysm, ruptured
I71.2 Thoracic aortic aneurysm, without rupture
I71.3 Abdominal aortic aneurysm, ruptured
I71.4 Abdominal aortic aneurysm, without rupture
I71.5 Thoracoabdominal aortic aneurysm, ruptured
I71.6 Thoracoabdominal aortic aneurysm, without rupture
I71.8 Aortic aneurysm of unspecified site, ruptured
   Rupture of aorta NOS
I71.9 Aortic aneurysm of unspecified site, without rupture
   Aneurysm of aorta
   Dilatation of aorta
   Hyaline necrosis of aorta

I72.0 Aneurysm of carotid artery
   Aneurysm of common carotid artery
   Aneurysm of external carotid artery
   Aneurysm of internal carotid artery, extracranial portion
   Excludes1: aneurysm of internal carotid artery, intracranial portion (I67.1)
   aneurysm of internal carotid artery NOS (I67.1)
Angina

I20 Angina pectoris

Use additional code to identify:
- exposure to environmental tobacco smoke (Z77.22)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

Excludes1: angina pectoris with atherosclerotic heart disease of native coronary arteries (I25.1-)
  atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris (I25.7-)
  postinfarction angina (I23.7)

I20.0 Unstable angina
- Accelerated angina
- Crescendo angina
- De novo effort angina
- Intermediate coronary syndrome
- Preinfarction syndrome
- Worsening effort angina

I20.1 Angina pectoris with documented spasm
- Angiospastic angina
- Prinzmetal angina
- Spasm-induced angina
- Variant angina

I20.8 Other forms of angina pectoris
- Angina equivalent
- Angina of effort
- Coronary slow flow syndrome
- Stenocardia
- Stable angina

Use additional code(s) for symptoms associated with angina equivalent

I20.9 Angina pectoris, unspecified
- Angina NOS
- Anginal syndrome
- Cardiac angina
- Ischemic chest pain

Asthma

J45 Asthma

Includes: allergic (predominantly) asthma
  - allergic bronchitis NOS
  - allergic rhinitis with asthma
atopic asthma
extrinsic allergic asthma
hay fever with asthma
idiosyncratic asthma
intrinsic nonallergic asthma
nonallergic asthma

Use additional code to identify:
exposure to environmental tobacco smoke (Z77.22)
exposure to tobacco smoke in the perinatal period (P96.81)
history of tobacco use (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
tobacco dependence (F17.-)
tobacco use (Z72.0)

Excludes1: detergent asthma (J69.8)
eosinophilic asthma (J82)
lung diseases due to external agents (J60-J70)
miner's asthma (J60)
wheezing NOS (R06.2)
wood asthma (J67.8)

Excludes2: asthma with chronic obstructive pulmonary disease (J44.9)
chronic asthmatic (obstructive) bronchitis (J44.9)
chronic obstructive asthma (J44.9)

**J45.2 Mild intermittent asthma**
J45.20 Mild intermittent asthma, uncomplicated
   Mild intermittent asthma NOS
J45.21 Mild intermittent asthma with (acute) exacerbation
J45.22 Mild intermittent asthma with status asthmaticus

**J45.3 Mild persistent asthma**
J45.30 Mild persistent asthma, uncomplicated
   Mild persistent asthma NOS
J45.31 Mild persistent asthma with (acute) exacerbation
J45.32 Mild persistent asthma with status asthmaticus

**J45.4 Moderate persistent asthma**
J45.40 Moderate persistent asthma, uncomplicated
   Moderate persistent asthma NOS
J45.41 Moderate persistent asthma with (acute) exacerbation
J45.42 Moderate persistent asthma with status asthmaticus

**J45.5 Severe persistent asthma**
J45.50 Severe persistent asthma, uncomplicated
   Severe persistent asthma NOS
J45.51 Severe persistent asthma with (acute) exacerbation
J45.52 Severe persistent asthma with status asthmaticus
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J45.9 Other and unspecified asthma
  J45.90 Unspecified asthma
    Asthmatic bronchitis NOS
    Childhood asthma NOS
    Late onset asthma
    J45.901 Unspecified asthma with (acute) exacerbation
    J45.902 Unspecified asthma with status asthmaticus
    J45.909 Unspecified asthma, uncomplicated
      Asthma NOS
  J45.99 Other asthma
    J45.990 Exercise induced bronchospasm
    J45.991 Cough variant asthma
    J45.998 Other asthma

Atelectasis
  J98.11 Atelectasis
    Excludes1: newborn atelectasis
    tuberculous atelectasis (current disease) (A15)

Bronchiectasis
  J47 Bronchiectasis
    Includes: bronchiolectasis
    Use additional code to identify:
      exposure to environmental tobacco smoke (Z77.22)
      exposure to tobacco smoke in the perinatal period (P96.81)
      history of tobacco use (Z87.891)
      occupational exposure to environmental tobacco smoke (Z57.31)
      tobacco dependence (F17.-)
    tobacco use (Z72.0)
    Excludes1: congenital bronchiectasis (Q33.4)
    tuberculous bronchiectasis (current disease) (A15.0)
  J47.0 Bronchiectasis with acute lower respiratory infection
    Bronchiectasis with acute bronchitis
  J47.1 Bronchiectasis with (acute) exacerbation
  J47.9 Bronchiectasis, uncomplicated
    Bronchiectasis NOS

Cardiac arrhythmia
  I44 Atrioventricular and left bundle-branch block
    I44.0 Atrioventricular block, first degree
    I44.1 Atrioventricular block, second degree
      Atrioventricular block, type I and II
      Möbitz block block, type I and II
      Second degree block, type I and II
      Wenckebach's block
Cardiovascular & Pulmonary

I44.2 Atrioventricular block, complete
  Complete heart block NOS
  Third degree block

I44.3 Other and unspecified atrioventricular block
  Atrioventricular block NOS
  I44.30 Unspecified atrioventricular block
  I44.39 Other atrioventricular block

I44.4 Left anterior fascicular block
I44.5 Left posterior fascicular block

I44.6 Other and unspecified fascicular block
  I44.60 Unspecified fascicular block
    Left bundle-branch hemiblock NOS
  I44.69 Other fascicular block

I44.7 Left bundle-branch block, unspecified

I45 Other conduction disorders

I45.0 Right fascicular block

I45.1 Other and unspecified right bundle-branch block
  I45.10 Unspecified right bundle-branch block
    Right bundle-branch block NOS
  I45.19 Other right bundle-branch block

I45.2 Bifascicular block

I45.3 Trifascicular block

I45.4 Nonspecific intraventricular block
  Bundle-branch block NOS
  I45.5 Other specified heart block
  Sinoatrial block
  Sinoauricular block
  Excludes1: heart block NOS (I45.9)

I45.6 Pre-excitation syndrome
  Accelerated atrioventricular conduction
  Accessory atrioventricular conduction
  Anomalous atrioventricular excitation
  Lown-Ganong-Levine syndrome
  Pre-excitation atrioventricular conduction
  Wolff-Parkinson-White syndrome

I45.8 Other specified conduction disorders
  I45.81 Long QT syndrome
  I45.89 Other specified conduction disorders
    Atrioventricular [AV] dissociation
    Interference dissociation
    Isorhythmic dissociation
Cardiovascular & Pulmonary

Nonparoxysmal AV nodal tachycardia

I45.9 Conduction disorder, unspecified
Heart block NOS
Stokes-Adams syndrome

I47 Paroxysmal tachycardia

Code first tachycardia complicating:
abortion or ectopic or molar pregnancy (000-007, 008.8)
obstetric surgery and procedures (O75.4)

Excludes1: tachycardia NOS (R00.0)
sinoauricular tachycardia NOS (R00.0)
sinus [sinusal] tachycardia NOS (R00.0)

I47.0 Re-entry ventricular arrhythmia

I47.1 Supraventricular tachycardia
Atrial (paroxysmal) tachycardia
Atrioventricular [AV] (paroxysmal) tachycardia
Atrioventricular re-entrant (nodal) tachycardia [AVNRT] [AVRT]
Junctional (paroxysmal) tachycardia
Nodal (paroxysmal) tachycardia

I47.2 Ventricular tachycardia

I47.9 Paroxysmal tachycardia, unspecified
Bouveret (-Hoffman) syndrome

I48 Atrial fibrillation and flutter

I48.0 Paroxysmal atrial fibrillation
I48.1 Persistent atrial fibrillation
I48.2 Chronic atrial fibrillation
Permanent atrial fibrillation

I48.3 Typical atrial flutter
Type I atrial flutter

I48.4 Atypical atrial flutter
Type II atrial flutter

I48.9 Unspecified atrial fibrillation and atrial flutter
I48.91 Unspecified atrial fibrillation
I48.92 Unspecified atrial flutter

I49 Other cardiac arrhythmias

Code first cardiac arrhythmia complicating:
abortion or ectopic or molar pregnancy (000-007, 008.8)
obstetric surgery and procedures (O75.4)

Excludes1: bradycardia NOS (R00.1)
neonatal dysrhythmia (P29.1-)
sinoatrial bradycardia (R00.1)
sinus bradycardia (R00.1)
vagal bradycardia (R00.1)
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I49.0 Ventricular fibrillation and flutter
   I49.01 Ventricular fibrillation
   I49.02 Ventricular flutter

I49.1 Atrial premature depolarization
   Atrial premature beats

I49.2 Junctional premature depolarization

I49.3 Ventricular premature depolarization

I49.4 Other and unspecified premature depolarization
   I49.40 Unspecified premature depolarization
      Premature beats NOS
   I49.49 Other premature depolarization
      Ectopic beats
      Extrasystoles
      Extrasystolic arrhythmias
      Premature contractions

I49.5 Sick sinus syndrome
   Tachycardia-bradycardia syndrome

I49.8 Other specified cardiac arrhythmias
   Coronary sinus rhythm disorder
   Ectopic rhythm disorder
   Nodal rhythm disorder
   I49.9 Cardiac arrhythmia, unspecified
      Arrhythmia (cardiac) NOS

Chronic pulmonary heart disease
   I27 Other pulmonary heart diseases

I27.0 Primary pulmonary hypertension
   Excludes1: pulmonary hypertension NOS (I27.2)
      secondary pulmonary hypertension (I27.2)

I27.1 Kyphoscoliotic heart disease

I27.2 Other secondary pulmonary hypertension
   Pulmonary hypertension NOS
   Code also associated underlying condition

I27.8 Other specified pulmonary heart diseases
   I27.81 Cor pulmonale (chronic)
      Cor pulmonale NOS
      Excludes1: acute cor pulmonale (I26.0-)
   I27.82 Chronic pulmonary embolism
      Use additional code, if applicable, for associated long-term (current) use of anticoagulants (Z79.01)
      Excludes1: personal history of pulmonary embolism (Z86.711)
   I27.89 Other specified pulmonary heart diseases
Cardiovascular & Pulmonary

Eisenmenger’s complex
Eisenmenger’s syndrome
Excludes1: Eisenmenger's defect (Q21.8)

I27.9 Pulmonary heart disease, unspecified
  Chronic cardiopulmonary disease

Claudication
I87.8 Other specified disorders of veins
  Phlebosclerosis
  Venofibrosis

Coronary artery disease

I24 Other acute ischemic heart diseases
  Excludes1: angina pectoris (I20.-)
    transient myocardial ischemia in newborn (P29.4)
I24.0 Acute coronary thrombosis not resulting in myocardial infarction
  Acute coronary (artery) (vein) embolism not resulting in myocardial infarction
  Acute coronary (artery) (vein) occlusion not resulting in myocardial infarction
  Acute coronary (artery) (vein) thromboembolism not resulting in myocardial infarction
  Excludes1: atherosclerotic heart disease (I25.1-)
  I24.1 Dressler’s syndrome
    Postmyocardial infarction syndrome
    Excludes1: postinfarction angina (I23.7)
I24.8 Other forms of acute ischemic heart disease
I24.9 Acute ischemic heart disease, unspecified
  Excludes1: ischemic heart disease (chronic) NOS (I25.9)

I25 Chronic ischemic heart disease
  Use additional code to identify:
    chronic total occlusion of coronary artery (I25.82)
    exposure to environmental tobacco smoke (Z77.22)
    history of tobacco use (Z87.891)
    occupational exposure to environmental tobacco smoke (Z57.31)
    tobacco dependence (F17.-)
    tobacco use (Z72.0)

I25.1 Atherosclerotic heart disease of native coronary artery
  Atherosclerotic cardiovascular disease
  Coronary (artery) atheroma
  Coronary (artery) atherosclerosis
  Coronary (artery) disease
  Coronary (artery) sclerosis
  Use additional code, if applicable, to identify:
    coronary atherosclerosis due to calcified coronary lesion (I25.84)
    coronary atherosclerosis due to lipid rich plaque (I25.83)
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Excludes2: atheroembolism (I75.-)
atherosclerosis of coronary artery bypass graft(s) and transplanted heart (I25.7-)

I25.10 Atherosclerotic heart disease of native coronary artery without angina pectoris
Atherosclerotic heart disease NOS

I25.11 Atherosclerotic heart disease of native coronary artery with angina pectoris

  I25.110 Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
  Excludes1: unstable angina without atherosclerotic heart disease (I20.0)

  I25.111 Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
  Excludes1: angina pectoris with documented spasm without atherosclerotic heart disease (I20.1)

  I25.118 Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
  Excludes1: other forms of angina pectoris without atherosclerotic heart disease (I20.8)

  I25.119 Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
  Atherosclerotic heart disease with angina NOS
  Atherosclerotic heart disease with ischemic chest pain
  Excludes1: unspecified angina pectoris without atherosclerotic heart disease (I20.9)

I25.2 Old myocardial infarction
  Healed myocardial infarction
  Past myocardial infarction diagnosed by ECG or other investigation, but currently presenting no symptoms

Emphysema

  J43 Emphysema
  Use additional code to identify:
  exposure to environmental tobacco smoke (Z77.22)
  history of tobacco use (Z87.891)
  occupational exposure to environmental tobacco smoke (Z57.31)
  tobacco dependence (F17.-)
  tobacco use (Z72.0)
  Excludes1: compensatory emphysema (J98.3)
  emphysema due to inhalation of chemicals, gases, fumes or vapors (J68.4)
  emphysema with chronic (obstructive) bronchitis (J44.-)
  emphysematous (obstructive) bronchitis (J44.-)
  interstitial emphysema (J98.2)
  mediastinal emphysema (J98.2)
  neonatal interstitial emphysema (P25.0)
  surgical (subcutaneous) emphysema (T81.82)
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traumatic subcutaneous emphysema (T79.7)

J43.0 Unilateral pulmonary emphysema [MacLeod's syndrome]
  - Swyer-James syndrome
  - Unilateral emphysema
  - Unilateral hyperlucent lung
  - Unilateral pulmonary artery functional hypoplasia
  - Unilateral transparency of lung

J43.1 Panlobular emphysema
  - Panacinar emphysema

J43.2 Centrilobular emphysema

J43.8 Other emphysema

J43.9 Emphysema, unspecified
  - Bullous emphysema (lung)(pulmonary)
  - Emphysema (lung)(pulmonary) NOS
  - Emphysematous bleb
  - Vesicular emphysema (lung)(pulmonary)

Fibrosis of lung

E84 Cystic fibrosis
  - Includes: mucoviscidosis
  - E84.0 Cystic fibrosis with pulmonary manifestations
    - Use additional code to identify any infectious organism present, such as:
      - Pseudomonas (B96.5)
  - E84.1 Cystic fibrosis with intestinal manifestations
    - E84.11 Meconium ileus in cystic fibrosis
      - Excludes1: meconium ileus not due to cystic fibrosis (P76.0)
    - E84.19 Cystic fibrosis with other intestinal manifestations
      - Distal intestinal obstruction syndrome
  - E84.8 Cystic fibrosis with other manifestations
  - E84.9 Cystic fibrosis, unspecified

J84.10 Pulmonary fibrosis, unspecified
  - Capillary fibrosis of lung
  - Cirrhosis of lung (chronic) NOS
  - Fibrosis of lung (atrophic) (chronic) (confluent) (massive) (perialveolar) (peribronchial) NOS
  - Induration of lung (chronic) NOS
  - Postinflammatory pulmonary fibrosis

Heart Failure

I50 Heart failure
  - Code first
  - heart failure complicating abortion or ectopic or molar pregnancy (O00-007, O08.8)
  - heart failure due to hypertension (I11.0)
  - heart failure due to hypertension with chronic kidney disease (I13.-)
  - heart failure following surgery (I97.13-)
  - obstetric surgery and procedures (O75.4)
rheumatic heart failure (I09.81)
Excludes1: cardiac arrest (I46.-)
neonatal cardiac failure (P29.0)

I50.1 Left ventricular failure
Cardiac asthma
Edema of lung with heart disease NOS
Edema of lung with heart failure
Left heart failure
Pulmonary edema with heart disease NOS
Pulmonary edema with heart failure
Excludes1: edema of lung without heart disease or heart failure (J81.-)
       pulmonary edema without heart disease or failure (J81.-)

I50.2 Systolic (congestive) heart failure
Excludes1: combined systolic (congestive) and diastolic (congestive) heart failure (I50.4-)
I50.20 Unspecified systolic (congestive) heart failure
I50.21 Acute systolic (congestive) heart failure
I50.22 Chronic systolic (congestive) heart failure
I50.23 Acute on chronic systolic (congestive) heart failure

I50.3 Diastolic (congestive) heart failure
Excludes1: combined systolic (congestive) and diastolic (congestive) heart failure (I50.4-)
I50.30 Unspecified diastolic (congestive) heart failure
I50.31 Acute diastolic (congestive) heart failure
I50.32 Chronic diastolic (congestive) heart failure
I50.33 Acute on chronic diastolic (congestive) heart failure

I50.4 Combined systolic (congestive) and diastolic (congestive) heart failure
I50.40 Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
I50.41 Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42 Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43 Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure

I50.9 Heart failure, unspecified
Biventricular (heart) failure NOS
Cardiac, heart or myocardial failure NOS
Congestive heart disease
Congestive heart failure NOS
Right ventricular failure (secondary to left heart failure)
Excludes1: fluid overload (E87.70)

Heart Transplant
Z94.1 Heart transplant status
    Excludes1: artificial heart status (Z95.812)
    heart-valve replacement status (Z95.2-Z95.4)
Heart valve disorder

I08 Multiple valve diseases
  Includes: multiple valve diseases specified as rheumatic or unspecified
  Excludes: endocarditis, valve unspecified (I38)
    multiple valve disease specified a nonrheumatic (I34.-, I35.-, I36.-, I37.-, I38.-, Q22.-, Q23.-, Q24.8-)
    rheumatic valve disease NOS (I09.1)
  I08.0 Rheumatic disorders of both mitral and aortic valves
    Involvement of both mitral and aortic valves specified as rheumatic or unspecified
  I08.1 Rheumatic disorders of both mitral and tricuspid valves
  I08.2 Rheumatic disorders of both aortic and tricuspid valves
  I08.3 Combined rheumatic disorders of mitral, aortic and tricuspid valves
  I08.8 Other rheumatic multiple valve diseases
  I08.9 Rheumatic multiple valve disease, unspecified

I34 Nonrheumatic mitral valve disorders
  Excludes: mitral valve disease (I05.9)
    mitral valve failure (I05.8)
    mitral valve stenosis (I05.0)
    mitral valve disorder of unspecified cause with diseases of aortic and/or tricuspid valve(s) (I08.-)
    mitral valve disorder of unspecified cause with mitral stenosis or obstruction (I05.0)
    mitral valve disorder specified as congenital (Q23.2, Q23.3)
    mitral valve disorder specified as rheumatic (I05.-)
  I34.0 Nonrheumatic mitral (valve) insufficiency
    Nonrheumatic mitral (valve) incompetence NOS
    Nonrheumatic mitral (valve) regurgitation NOS
  I34.1 Nonrheumatic mitral (valve) prolapse
    Floppy nonrheumatic mitral valve syndrome
    Excludes: Marfan's syndrome (Q87.4-)
  I34.2 Nonrheumatic mitral (valve) stenosis
  I34.8 Other nonrheumatic mitral valve disorders
  I34.9 Nonrheumatic mitral valve disorder, unspecified

I35 Nonrheumatic aortic valve disorders
  Excludes: aortic valve disorder of unspecified cause but with diseases of mitral and/or tricuspid valve(s) (I08.-)
    aortic valve disorder specified as congenital (Q23.0, Q23.1)
    aortic valve disorder specified as rheumatic (I06.-)
    hypertrophic subaortic stenosis (I42.1)
  I35.0 Nonrheumatic aortic (valve) stenosis
  I35.1 Nonrheumatic aortic (valve) insufficiency
    Nonrheumatic aortic (valve) incompetence NOS
    Nonrheumatic aortic (valve) regurgitation NOS
I35.2 Nonrheumatic aortic (valve) stenosis with insufficiency
I35.8 Other nonrheumatic aortic valve disorders
I35.9 Nonrheumatic aortic valve disorder, unspecified

I36 Nonrheumatic tricuspid valve disorders
Excludes1: tricuspid valve disorders of unspecified cause (I07.‐)
    tricuspid valve disorders specified as congenital (Q22.4, Q22.8, Q22.9)
    tricuspid valve disorders specified as rheumatic (I07.‐)
    tricuspid valve disorders with aortic and/or mitral valve involvement (I08.‐)
I36.0 Nonrheumatic tricuspid (valve) stenosis
I36.1 Nonrheumatic tricuspid (valve) insufficiency
    Nonrheumatic tricuspid (valve) incompetence
    Nonrheumatic tricuspid (valve) regurgitation
I36.2 Nonrheumatic tricuspid (valve) stenosis with insufficiency
I36.8 Other nonrheumatic tricuspid valve disorders
I36.9 Nonrheumatic tricuspid valve disorder, unspecified

I37 Nonrheumatic pulmonary valve disorders
Excludes1: pulmonary valve disorder specified as congenital (Q22.1, Q22.2, Q22.3)
    pulmonary valve disorder specified as rheumatic (I09.89)
I37.0 Nonrheumatic pulmonary valve stenosis
I37.1 Nonrheumatic pulmonary valve insufficiency
    Nonrheumatic pulmonary valve incompetence
    Nonrheumatic pulmonary valve regurgitation
I37.2 Nonrheumatic pulmonary valve stenosis with insufficiency
I37.8 Other nonrheumatic pulmonary valve disorders
I37.9 Nonrheumatic pulmonary valve disorder, unspecified

Hyperlipidemia
E78 Disorders of lipoprotein metabolism and other lipidemias
Excludes1: sphingolipidosis (E75.0-E75.3)
    Familial hypercholesterolemia
    Fredrickson's hyperlipoproteinemia, type IIa
    Hyperbetalipoproteinemia
    Hyperlipidemia, Group A
    Low-density-lipoprotein-type [LDL] hyperlipoproteinemia
    Fredrickson's hyperlipoproteinemia, type IV
    Hyperlipidemia, group B
    Hyperprebetalipoproteinemia
    Very-low-density-lipoprotein-type [VLDL] hyperlipoproteinemia
    Broad- or floating-betalipoproteinemia
Combined hyperlipidemia NOS
Elevated cholesterol with elevated triglycerides NEC
Fredrickson's hyperlipoproteinemia, type IIb or III
Hyperbeta lipoproteinemia with prebeta lipoproteinemia
Hypercholesteremia with endogenous hyperglyceridemia
Hyperlipidemia, group C
Tubo-eruptive xanthoma
Xanthoma tuberosum
Excludes1: cerebrotendinous cholesterosis [van Bogaert-Scherer- Epstein] (E75.5)
familial combined hyperlipidemia (E78.4)
E78.3 Hyperchylomicronemia
Chylomicron retention disease
Fredrickson's hyperlipoproteinemia, type I or V
Hyperlipidemia, group D
Mixed hyperglyceridemia

**Hypertensive disorder**

Use additional code to identify:
- exposure to environmental tobacco smoke (Z77.22)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

Excludes1: hypertensive disease complicating pregnancy, childbirth and the puerperium (O10-O11, O13-O16)
- neonatal hypertension (P29.2)
- primary pulmonary hypertension (I27.0)

**I10 Essential (primary) hypertension**
Includes: high blood pressure
- hypertension (arterial) (benign) (essential) (malignant) (primary) (systemic)
Excludes1: hypertensive disease complicating pregnancy, childbirth and the puerperium
(010-011, 013-016)
Excludes2: essential (primary) hypertension involving vessels of brain (I60-I69)
- essential (primary) hypertension involving vessels of eye (H35.0-)

**I11 Hypertensive heart disease**
Includes: any condition in I51.4-I51.9 due to hypertension
- I11.0 Hypertensive heart disease with heart failure
  - Hypertensive heart failure
  - Use additional code to identify type of heart failure (I50.-)
- I11.9 Hypertensive heart disease without heart failure
  - Hypertensive heart disease NOS

**I12 Hypertensive chronic kidney disease**
Includes: any condition in N18 and N26 - due to hypertension arteriosclerosis of kidney
arteriosclerotic nephritis (chronic) (interstitial)
hypertensive nephropathy
nephrosclerosis

Excludes 1: hypertension due to kidney disease (I15.0, I15.1)
renovascular hypertension (I15.0)
secondary hypertension (I15.-)

Excludes 2: acute kidney failure (N17.-)

I12.0 Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
Use additional code to identify the stage of chronic kidney disease (N18.5, N18.6)

I12.9 Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
Hypertensive chronic kidney disease NOS
Hypertensive renal disease NOS
Use additional code to identify the stage of chronic kidney disease (N18.1-N18.4, N18.9)

I13 Hypertensive heart and chronic kidney disease
Includes: any condition in I11.- with any condition in I12.-
cardiorenal disease
cardiovascular renal disease

I13.0 Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic, kidney disease, or unspecified chronic kidney disease
Use additional code to identify type of heart failure (I50.-)
Use additional code to identify stage of chronic kidney disease (N18.1-N18.4, N18.9)

I13.1 Hypertensive heart and chronic kidney disease without heart failure
I13.10 Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
Hypertensive heart disease and hypertensive chronic kidney disease NOS
Use additional code to identify the stage of chronic kidney disease (N18.1-N18.4, N18.9)

I13.11 Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
Use additional code to identify the stage of chronic kidney disease (N18.5, N18.6)

I13.2 Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
Use additional code to identify type of heart failure (I50.-)
Use additional code to identify the stage of chronic kidney disease (N18.5, N18.6)
I15 Secondary hypertension
Code also underlying condition
Excludes1: postprocedural hypertension (I97.3)
Excludes2: secondary hypertension involving vessels of brain (I60-I69)
  secondary hypertension involving vessels of eye (H35.0-)
 I15.0 Renovascular hypertension
 I15.1 Hypertension secondary to other renal disorders
 I15.2 Hypertension secondary to endocrine disorders
 I15.8 Other secondary hypertension
 I15.9 Secondary hypertension, unspecified

I16 Hypertensive crisis
Code also any identified hypertensive disease (I10-I15)
 I16.0 Hypertensive urgency
 I16.1 Hypertensive emergency
 I16.9 Hypertensive crisis, unspecified

Lung Transplant
Z94.2 Lung transplant status

Malignant tumor of lung
The list below gives the code numbers for neoplasms by anatomical site. For each site there are six possible code numbers according to whether the neoplasm in question is malignant, benign, in situ, of uncertain behavior, or of unspecified nature. The description of the neoplasm will often indicate which of the six columns is appropriate; e.g., malignant melanoma of skin, benign fibroadenoma of breast, carcinoma in situ of cervix uteri.

Where such descriptors are not present, the remainder of the Index should be consulted where guidance is given to the appropriate column for each morphological (histological) variety listed; e.g., Mesonephroma—see Neoplasm, malignant; Embryoma—see also Neoplasm, uncertain behavior; Disease, Bowen’s—see Neoplasm, skin, in situ. However, the guidance in the Index can be overridden if one of the descriptors mentioned above is present; e.g., malignant adenoma of colon is coded to C18.9 and not to D12.6 as the adjective "malignant" overrides the Index entry "Adenoma—see also Neoplasm, benign."

Codes listed with a dash -, following the code have a required additional character for laterality. The tabular must be reviewed for the complete code.

<table>
<thead>
<tr>
<th></th>
<th>Malignant Primary</th>
<th>Malignant Secondary</th>
<th>Ca in situ</th>
<th>Benign</th>
<th>Uncertain Behavior</th>
<th>Unspecified Behavior</th>
</tr>
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<tbody>
<tr>
<td>- lung</td>
<td>C34.9-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
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<tr>
<td>- azygos lobe</td>
<td>C34.1-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
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<tr>
<td>- carina</td>
<td>C34.0-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- hilus</td>
<td>C34.0-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- lingula</td>
<td>C34.1-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- lobe NEC</td>
<td>C34.9-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- lower lobe</td>
<td>C34.3-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- main bronchus</td>
<td>C34.0-</td>
<td>C78.0-</td>
<td>D02.2-</td>
<td>D14.3-</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
<tr>
<td>- mesothelioma—see Mesothelioma</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- middle lobe</td>
<td>C34.2</td>
<td>C78.0-</td>
<td>D02.21</td>
<td>D14.31</td>
<td>D38.1</td>
<td>D49.1</td>
</tr>
</tbody>
</table>
C34 Malignant neoplasm of bronchus and lung

Use additional code to identify:
- exposure to environmental tobacco smoke (Z77.22)
- exposure to tobacco smoke in the perinatal period (P96.81)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

Excludes1: Kaposi’s sarcoma of lung (C46.5-)
- malignant carcinoid tumor of the bronchus and lung (C7A.090)

C34.0 Malignant neoplasm of main bronchus
- Malignant neoplasm of carina
- Malignant neoplasm of hilus (of lung)

C34.00 Malignant neoplasm of unspecified main bronchus
C34.01 Malignant neoplasm of right main bronchus
C34.02 Malignant neoplasm of left main bronchus

C34.1 Malignant neoplasm of upper lobe, bronchus or lung

C34.10 Malignant neoplasm of upper lobe, unspecified bronchus or lung
C34.11 Malignant neoplasm of upper lobe, right bronchus or lung
C34.12 Malignant neoplasm of upper lobe, left bronchus or lung

C34.2 Malignant neoplasm of middle lobe, bronchus or lung

C34.3 Malignant neoplasm of lower lobe, bronchus or lung

C34.30 Malignant neoplasm of lower lobe, unspecified bronchus or lung
C34.31 Malignant neoplasm of lower lobe, right bronchus or lung
C34.32 Malignant neoplasm of lower lobe, left bronchus or lung
C34.8 Malignant neoplasm of overlapping sites of bronchus and lung
C34.80 Malignant neoplasm of overlapping sites of unspecified bronchus and lung
C34.81 Malignant neoplasm of overlapping sites of right bronchus and lung
C34.82 Malignant neoplasm of overlapping sites of left bronchus and lung
C34.9 Malignant neoplasm of unspecified part of bronchus or lung
C34.90 Malignant neoplasm of unspecified part of unspecified bronchus or lung
- Lung cancer NOS
C34.91 Malignant neoplasm of unspecified part of right bronchus or lung
C34.92 Malignant neoplasm of unspecified part of left bronchus or lung

C78.0 Secondary malignant neoplasm of lung

C78.00 Secondary malignant neoplasm of unspecified lung
C78.01 Secondary malignant neoplasm of right lung
C78.02 Secondary malignant neoplasm of left lung
Pleural effusion

J90 Pleural effusion, not elsewhere classified
- Encysted pleurisy
- Pleural effusion NOS
- Pleurisy with effusion (exudative) (serous)
- Excludes1: chylos (pleural) effusion (J94.0)
- malignant pleural effusion (J91.0)
- pleurisy NOS (R09.1)
- tuberculous pleural effusion (A15.6)

J91 Pleural effusion in conditions classified elsewhere
- Excludes2: pleural effusion in heart failure (I50.-)
- pleural effusion in systemic lupus erythematosus (M32.13)
- J91.0 Malignant pleural effusion
  Code first underlying neoplasm
- J91.8 Pleural effusion in other conditions classified elsewhere
  Code first underlying disease, such as:
  - filariasis (B74.0-B74.9)
  - influenza (J09.X2, J10.1, J11.1)

Pleurisy

R09.1 Pleurisy
- Excludes1: pleurisy with effusion (J90)

Pneumothorax

93 Pneumothorax and air leak
- Excludes1: congenital or perinatal pneumothorax (P25.1)
- postprocedural air leak (J95.812)
- postprocedural pneumothorax (J95.811)
- traumatic pneumothorax (S27.0)
- tuberculous (current disease) pneumothorax (A15.-)
- pyopneumothorax (J86.-)

J93.0 Spontaneous tension pneumothorax

J93.1 Other spontaneous pneumothorax
  J93.11 Primary spontaneous pneumothorax
  J93.12 Secondary spontaneous pneumothorax
  Code first underlying condition, such as:
  - catamenial pneumothorax due to endometriosis (N80.8)
  - cystic fibrosis (E84.-)
  - eosinophilic pneumonia (J82)
  - lymphangioleiomyomatosis (J84.81)
  - malignant neoplasm of bronchus and lung (C34.-)
  - Marfan's syndrome (Q87.4)
pneumonia due to Pneumocystis carinii (B59)  
secondary malignant neoplasm of lung (C78.0-)  
spontaneous rupture of the esophagus (K22.3)

J93.8 Other pneumothorax and air leak
- J93.81 Chronic pneumothorax
- J93.82 Other air leak
  - Persistent air leak
- J93.83 Other pneumothorax
  - Acute pneumothorax
  - Spontaneous pneumothorax NOS

J93.9 Pneumothorax, unspecified
- Pneumothorax NOS

Pulmonary edema
J81 Pulmonary edema
- Use additional code to identify:
  - exposure to environmental tobacco smoke (Z77.22)
  - history of tobacco use (Z87.891)
  - occupational exposure to environmental tobacco smoke (Z57.31)
  - tobacco dependence (F17.-)
  - tobacco use (Z72.0)
- Excludes1: chemical (acute) pulmonary edema (J68.1)
  - hypostatic pneumonia (J18.2)
  - passive pneumonia (J18.2)
  - pulmonary edema due to external agents (J60-J70)
  - pulmonary edema with heart disease NOS (I50.1)
  - pulmonary edema with heart failure (I50.1)

J81.0 Acute pulmonary edema
- Acute edema of lung

J81.1 Chronic pulmonary edema
- Pulmonary congestion (chronic) (passive)
- Pulmonary edema NOS

Pulmonary embolism
I26 Pulmonary embolism
- Includes: pulmonary (acute) (artery)(vein) infarction
  - pulmonary (acute) (artery)(vein) thromboembolism
  - pulmonary (acute) (artery)(vein) thrombosis
- Excludes2: chronic pulmonary embolism (I27.82)
  - personal history of pulmonary embolism (Z86.711)
  - pulmonary embolism complicating abortion, ectopic or molar pregnancy (O00-O07, O08.2)
  - pulmonary embolism complicating pregnancy, childbirth and the puerperium (O88.-)
  - pulmonary embolism due to trauma (T79.0, T79.1)
pulmonary embolism due to complications of surgical and medical care (T80.0, T81.7-, T82.8-)
septic (non-pulmonary) arterial embolism (I76)
I26.0 Pulmonary embolism with acute cor pulmonale
I26.01 Septic pulmonary embolism with acute cor pulmonale
   Code first underlying infection
I26.02 Saddle embolus of pulmonary artery with acute cor pulmonale
I26.09 Other pulmonary embolism with acute cor pulmonale
   Acute cor pulmonale NOS
I26.9 Pulmonary embolism without acute cor pulmonale
I26.90 Septic pulmonary embolism without acute cor pulmonale
   Code first underlying infection
I26.92 Saddle embolus of pulmonary artery without acute cor pulmonale
I26.99 Other pulmonary embolism without acute cor pulmonale
   Acute pulmonary embolism NOS
   Pulmonary embolism NOS

Pulmonary hypertension
I27 Other pulmonary heart diseases
I27.0 Primary pulmonary hypertension
   Excludes1: pulmonary hypertension NOS (I27.2)
   secondary pulmonary hypertension (I27.2)
I27.1 Kyphoscoliotic heart disease
I27.2 Other secondary pulmonary hypertension
   Pulmonary hypertension NOS
   Code also associated underlying condition
I27.8 Other specified pulmonary heart diseases
I27.81 Cor pulmonale (chronic)
   Cor pulmonale NOS
   Excludes1: acute cor pulmonale (I26.0-)
I27.82 Chronic pulmonary embolism
   Use additional code, if applicable, for associated long-term (current) use
   of anticoagulants (Z79.01)
   Excludes1: personal history of pulmonary embolism (Z86.711)
I27.89 Other specified pulmonary heart diseases
   Eisenmenger’s complex
   Eisenmenger’s syndrome
   Excludes1: Eisenmenger’s defect (Q21.8)
I27.9 Pulmonary heart disease, unspecified
   Chronic cardiopulmonary disease
Signs and symptoms related to cardiovascular & pulmonary health conditions

G89  Pain, not elsewhere classified

Code also related psychological factors associated with pain (F45.42)

Excludes1: generalized pain NOS (R52)
  pain disorders exclusively related to psychological factors (F45.41)
  pain NOS (R52)

Excludes2: atypical face pain (G50.1)
  headache syndromes (G44.-)
  localized pain, unspecified type - code to pain by site, such as:
  abdomen pain (R10.-)
  back pain (M54.9)
  breast pain (N64.4)
  chest pain (R07.1-R07.9)
  ear pain (H92.0-)
  eye pain (H57.1)
  headache (R51)
  joint pain (M25.5-)
  limb pain (M79.6-)
  lumbar region pain (M54.5)
  painful urination (R30.9)
  pelvic and perineal pain (R10.2)
  shoulder pain (M25.51-)
  spine pain (M54.-)
  throat pain (R07.0)
  tongue pain (K14.6)
  tooth pain (K08.8)
  renal colic (N23)
  migraines (G43.-)
  myalgia (M79.1)
  pain from prosthetic devices, implants, and grafts (T82.84, T83.84, T84.84, T85.84)
  phantom limb syndrome with pain (G54.6)
  vulvar vestibulitis (N94.810)
  vulvodynia (N94.81-)

G89.1 Acute pain, not elsewhere classified

G89.11 Acute pain due to trauma
G89.12 Acute post-thoracotomy pain
  Post-thoracotomy pain NOS
G89.18 Other acute postprocedural pain
  Postoperative pain NOS
  Postprocedural pain NOS
G89.2 Chronic pain, not elsewhere classified
   Excludes1: causalgia, lower limb (G57.7-)
                causalgia, upper limb (G56.4-)
                central pain syndrome (G89.0)
                chronic pain syndrome (G89.4)
                complex regional pain syndrome II, lower limb (G57.7-)
                complex regional pain syndrome II, upper limb (G56.4-)
                neoplasm related chronic pain (G89.3)
                reflex sympathetic dystrophy (G90.5-)

G89.21 Chronic pain due to trauma
G89.22 Chronic post-thoracotomy pain
G89.28 Other chronic postprocedural pain
   Other chronic postoperative pain
G89.29 Other chronic pain

G89.3 Neoplasm related pain (acute) (chronic)
   Cancer associated pain
   Pain due to malignancy (primary) (secondary)
   Tumor associated pain

G89.4 Chronic pain syndrome
   Chronic pain associated with significant psychosocial dysfunction

M79.6 Pain in limb, hand, foot, fingers and toes
   Excludes2: pain in joint (M25.5-)

M79.60 Pain in limb, unspecified
   M79.601 Pain in right arm
   Pain in right upper limb NOS
   M79.602 Pain in left arm
   Pain in left upper limb NOS
   M79.603 Pain in arm, unspecified
   Pain in upper limb NOS
   M79.604 Pain in right leg
   Pain in right lower limb NOS
   M79.605 Pain in left leg
   Pain in left lower limb NOS
   M79.606 Pain in leg, unspecified
   Pain in lower limb NOS
   M79.609 Pain in unspecified limb
   Pain in limb NOS

M79.62 Pain in upper arm
   Pain in axillary region
   M79.621 Pain in right upper arm
   M79.622 Pain in left upper arm
   M79.629 Pain in unspecified upper arm
M79.63 Pain in forearm
   M79.631 Pain in right forearm
   M79.632 Pain in left forearm

M79.64 Pain in hand and fingers
   M79.641 Pain in right hand
   M79.642 Pain in left hand
   M79.644 Pain in right finger(s)
   M79.645 Pain in left finger(s)

M79.65 Pain in thigh
   M79.651 Pain in right thigh
   M79.652 Pain in left thigh

M79.66 Pain in lower leg
   M79.661 Pain in right lower leg
   M79.662 Pain in left lower leg

M79.67 Pain in foot and toes
   M79.671 Pain in right foot
   M79.672 Pain in left foot
   M79.674 Pain in right toe(s)
   M79.675 Pain in left toe(s)

R06 Abnormalities of breathing
   Excludes1: acute respiratory distress syndrome (J80)
      respiratory arrest (R09.2)
      respiratory arrest of newborn (P28.81)
      respiratory distress syndrome of newborn (P22.-)
      respiratory failure (J96.-)
      respiratory failure of newborn (P28.5)

R06.0 Dyspnea
   Excludes1: tachypnea NOS (R06.82)
      transient tachypnea of newborn (P22.1)
   R06.00 Dyspnea, unspecified R06.01 Orthopnea
   R06.02 Shortness of breath
   R06.03 Acute respiratory distress
   R06.09 Other forms of dyspnea

R06.1 Stridor
   Excludes1: congenital laryngeal stridor (P28.89)
      laryngismus (stridulus) (J38.5)

R06.2 Wheezing
   Excludes1: Asthma (J45.-) R06.3 Periodic breathing
      Cheyne-Stokes breathing

R06.4 Hyperventilation
   Excludes1: psychogenic hyperventilation (F45.8)

R06.5 Mouth breathing Excludes2: dry mouth NOS (R68.2)
R26.2  Difficulty in walking, not elsewhere classified
   Excludes: falling R29.6
       unsteadiness on feet (R26.81)
R26.8  Other abnormalities of gait and mobility
   R26.81  Unsteadiness on feet
   R26.89  Other abnormalities of gait and mobility
R26.9  Unspecified abnormalities of gait and mobility
R27    Other lack of coordination
   Excludes1: ataxic gait (R26.0)
       hereditary ataxia (G11.-)
       vertigo NOS (R42)
   R27.0  Ataxia, unspecified
       Excludes1: ataxia following cerebrovascular disease (I69. with final characters -93)
   R27.8  Other lack of coordination
   R27.9  Unspecified lack of coordination
R29.3  Abnormal posture
R29.6  Repeated falls
   Falling
   Tendency to fall
   Excludes2: at risk for falling (Z91.81)
       history of falling (Z91.81)
R53    Malaise and fatigue
R53.0  Neoplastic (malignant) related fatigue
       Code first associated neoplasm
R53.1  Weakness
       Asthenia NOS
       Excludes1: age-related weakness (R54)
       muscle weakness (M62.8-)
       senile asthenia (R54)
R53.2  Functional quadriplegia
       Complete immobility due to severe physical disability or frailty
       Excludes1: frailty NOS (R54)
       hysterical paralysis (F44.4)
       immobility syndrome (M62.3)
       neurologic quadriplegia (G82.5-)
       quadriplegia (G82.50)
R53.8  Other malaise and fatigue
       Excludes1: combat exhaustion and fatigue (F43.0)
       congenital debility (P96.9)
       exhaustion and fatigue due to depressive episode (F32.-)
exhaustion and fatigue due to excessive exertion (T73.3)
exhaustion and fatigue due to exposure (T73.2)
exhaustion and fatigue due to heat (T67.-)
exhaustion and fatigue due to pregnancy (O26.8-)
exhaustion and fatigue due to recurrent depressive episode (F33)
exhaustion and fatigue due to senile debility (R54)

R53.81 Other malaise
  Chronic debility
  Debility NOS
  General physical deterioration
  Malaise NOS
  Nervous debility
  Excludes1: age-related physical debility (R54)

R53.82 Chronic fatigue, unspecified
  Chronic fatigue syndrome NOS
  Excludes1: postviral fatigue syndrome (G93.3)

R53.83 Other fatigue
  Fatigue NOS
  Lack of energy
  Lethargy
  Tiredness

R54  Age-related physical debility
  Frailty
  Old age
  Senescence
  Senile asthenia
  Senile debility
  Excludes1: age-related cognitive decline (R41.81)
    senile psychosis (F03)
    senility NOS (R41.81)