

· viral  
 · mycotic (fungal)  
 Use additional code (B95–B97), if desired, to identify infectious agent.

· paratubercular  
 · staphylococcal  
 · streptococcal  
 · viral

Use additional code (B95–B97), if desired, to identify infectious agent.

**130.2 Pericarditis in the vasculitis / connective tissue disease**

Excludes: rheumatic pericarditis (acute) (I01.0)

**130.3 Pericarditis in disease of cordigous structure**

myocardial infarction  
 postmyocardial infarction syndrome (Dressler syndrome)  
 postopericardiotomy syndrome  
 ventricular aneurysm  
 dissecting aortic aneurysm  
 pleural and pulmonary disease  
 esophageal or gastric perforation  
**Pericarditis in disorder of metabolism**  
 renal failure  
 myxedema  
 gout  
 scurvy

**130.5 Neoplastic pericarditis**

primary cardiac tumor  
 metastatic or direct extending tumors

**130.6 Traumatic pericarditis**

penetrating or nonpenetrating chest injury  
 fatogenic

· surgery  
 · cardiac ablation  
 · coronary angioplasty  
 · pacemaker insertion

**130.6.1 Radiation pericardial disease**

**130.7 Myopericarditis / Perimyocarditis**

**130.8 Other forms of pericarditis**

**130.9 Pericarditis, unspecified**

**131 Other diseases of pericardium**

Excludes: current complications following acute myocardial infarction (I23.-)  
 postcardiotomy syndrome (I97.0)  
 trauma (S26.-)  
 when specified as rheumatic (I09.2)

**131.0 Absence of the pericardium**

**131.1 Constrictive pericarditis**

**131.4 Cardiac tamponade**

**131.8 Other specified diseases of pericardium**

Epicardial plaques

Focal pericardial adhesions

**131.9 Disease of pericardium, unspecified**

Pericarditis (chronic) NOS

**132\* Pericarditis in diseases classified elsewhere**

**132.0\* Pericarditis in bacterial diseases classified elsewhere**

Pericarditis:

· gonococcal (A54.8†)

· meningococcal (A39.5†)

· syphilitic (A52.0†)

· tuberculous (A18.8†)

**132.1\* Pericarditis in other infectious and parasitic diseases classified elsewhere**

**132.8\* Pericarditis in other diseases classified elsewhere**

Pericarditis (in):

**130.2 Pericarditis in the vasculitis / connective tissue disease**

Excludes: rheumatic pericarditis (acute) (I01.0)

**130.3 Pericarditis in disease of cordigous structure**

myocardial infarction  
 postmyocardial infarction syndrome (Dressler syndrome)  
 postopericardiotomy syndrome  
 ventricular aneurysm  
 dissecting aortic aneurysm  
 pleural and pulmonary disease  
 esophageal or gastric perforation  
**Pericarditis in disorder of metabolism**  
 renal failure  
 myxedema  
 gout  
 scurvy

**130.5 Neoplastic pericarditis**

primary cardiac tumor  
 metastatic or direct extending tumors

**130.6 Traumatic pericarditis**

penetrating or nonpenetrating chest injury  
 fatogenic

· surgery  
 · cardiac ablation  
 · coronary angioplasty  
 · pacemaker insertion

**130.6.1 Radiation pericardial disease**

**130.7 Myopericarditis / Perimyocarditis**

**130.8 Other forms of pericarditis**

**130.9 Pericarditis, unspecified**

**131 Other diseases of pericardium**

Excludes: current complications following acute myocardial infarction (I23.-)  
 postcardiotomy syndrome (I97.0)  
 trauma (S26.-)  
 when specified as rheumatic (I09.2)

**131.0 Chronic adhesive pericarditis**

Accretio cordis

Adherent pericardium

Adhesive mediastinopericarditis

**131.1 Chronic constrictive pericarditis**

Concretio cordis

Pericardial calcification

**131.2 Hemopericardium, not elsewhere classified**

**131.3 Pericardial effusion (noninflammatory)**

Cytopericardium

**131.8 Other specified diseases of pericardium**

Epicardial plaques

Focal pericardial adhesions

**131.9 Disease of pericardium, unspecified**

Cardiac tamponade

Pericarditis (chronic) NOS

**132\* Pericarditis in diseases classified elsewhere**

**132.0\* Pericarditis in bacterial diseases classified elsewhere**

Pericarditis:

· gonococcal (A54.8†)

· meningococcal (A39.5†)

· syphilitic (A52.0†)

· tuberculous (A18.8†)

**132.1\* Pericarditis in other infectious and parasitic diseases classified elsewhere**

**132.8\* Pericarditis in other diseases classified elsewhere**

Pericarditis (in):

- rheumatoid (M05.3-†)
- systemic lupus erythematosus (M32.1†)
- uraemic (N18.8†)

**Endocarditis**  
(33.138, 339)

**133 Acute and subacute endocarditis**

Excludes: acute rheumatic endocarditis (101.1)  
endocarditis NOS (338)

- Acute and subacute infective endocarditis**
- Acute and subacute infective endocarditis, left-sided**
- Endocarditis (acute)(subacute)(mitral valve)(aortic valve)(prosthetic valve)(nonvalve):**

- bacterial
- fungi
- diptheroids
- polymicrobial
- culture negative
- infective NOS

Use additional code (B95-B97), if desired, to identify infectious agent.

- Acute and subacute infective endocarditis, right-sided**

**Endocarditis (acute)(subacute)(tricuspid valve)(pulmonary valve)(prosthetic valve)(nonvalve):**

- bacterial
- fungi
- diptheroids
- polymicrobial
- culture negative
- infective NOS

Use additional code (B95-B97), if desired, to identify infectious agent.

- Acute and subacute infective endocarditis, site unspecified**

**Endocarditis (acute)(subacute)(prosthetic valve)(nonvalve):**

- bacterial
- fungi
- diptheroids
- polymicrobial
- culture negative
- infective NOS

Use additional code (B95-B97), if desired, to identify infectious agent.

- Myoendocarditis**

- Periendocarditis**

- 138\* Endocarditis and heart valve disorders in diseases classified elsewhere**

Includes: endocardial involvement in:

- candidal infection (B37.6†)
- gonococcal infection (A54.8†)
- Lillman-Sacks disease (M32.1†)
- meningococcal infection (A39.5†)
- rheumatoid arthritis (M05.3-†)
- syphilis (A52.0†)
- tuberculosis (A18.8†)
- typhoid fever (A01.0†)

- 138.0\* Mitral valve disorders in diseases classified elsewhere**

- 138.1\* Aortic valve disorders in diseases classified elsewhere**

- 138.2\* Tricuspid valve disorders in diseases classified elsewhere**

- 138.3\* Pulmonary valve disorders in diseases classified elsewhere**

- 138.4\* Multiple valve disorders in diseases classified elsewhere**

- 138.8\* Endocarditis, valve unspecified, in diseases classified elsewhere**

**Valvular Heart Diseases**  
(100-102, 134-37)

**101 Rheumatic fever with heart involvement**

Excludes: chronic diseases of rheumatic origin (105-109) unless rheumatic fever is also present or there is evidence of recrudescence or activity of the rheumatic process. In cases where there is doubt as to rheumatic activity at the time of death refer to the mortality coding rules and guidelines in Volume 2.

- 101.0 Acute rheumatic pericarditis**

Any condition in 100 with pericarditis

Rheumatic pericarditis (acute)

Excludes: when not specified as rheumatic (130.-)

- 101.1 Acute rheumatic endocarditis**

- rheumatoid (M05.3-†)
- systemic lupus erythematosus (M32.1†)
- uraemic (N18.8†)

**Endocarditis**  
(33.138, 339)

**133 Acute and subacute endocarditis**

Excludes: acute rheumatic endocarditis (101.1)  
endocarditis NOS (338)

- Acute and subacute infective endocarditis**
- Endocarditis (acute)(subacute):**

- bacterial
- infective NOS
- leuka
- malignant
- septic
- ulcerative

Use additional code (B95-B97), if desired, to identify infectious agent.

- Acute endocarditis, unspecified**

**Endocarditis**

**Myoendocarditis**

**Periendocarditis**

**Endocarditis, valve unspecified**

**Endocarditis (chronic) NOS**

**Valvular:**

- incompetence
- insufficiency
- regurgitation
- stenosis
- Valvulitis (chronic)

Excludes: endocardial fibroelastosis (42.4)

when specified as rheumatic (109.1)  
congenital insufficiency of cardiac valve NOS Q24.8  
congenital stenosis of cardiac valve NOS Q24.8†

- 138\* Endocarditis and heart valve disorders in diseases classified elsewhere**

Includes: endocardial involvement in:

- candidal infection (B37.6†)
- gonococcal infection (A54.8†)
- Lillman-Sacks disease (M32.1†)
- meningococcal infection (A39.5†)
- rheumatoid arthritis (M05.3-†)
- syphilis (A52.0†)
- tuberculosis (A18.8†)
- typhoid fever (A01.0†)

- 138.0\* Mitral valve disorders in diseases classified elsewhere**

- 138.1\* Aortic valve disorders in diseases classified elsewhere**

- 138.2\* Tricuspid valve disorders in diseases classified elsewhere**

- 138.3\* Pulmonary valve disorders in diseases classified elsewhere**

- 138.4\* Multiple valve disorders in diseases classified elsewhere**

- 138.8\* Endocarditis, valve unspecified, in diseases classified elsewhere**

**Valvular Heart Diseases**  
(100-102, 134-37)

**101 Rheumatic fever with heart involvement**

Excludes: chronic diseases of rheumatic origin (105-109) unless rheumatic fever is also present or there is evidence of recrudescence or activity of the rheumatic process. In cases where there is doubt as to rheumatic activity at the time of death refer to the mortality coding rules and guidelines in Volume 2.

- 101.0 Acute rheumatic pericarditis**

Any condition in 100 with pericarditis

Rheumatic pericarditis (acute)

Excludes: when not specified as rheumatic (130.-)

- 101.1 Acute rheumatic endocarditis**

Any condition in I00 with endocarditis or valvulitis  
 Acute rheumatic valvulitis  
**I01.2 Acute rheumatic myocarditis**  
 Any condition in I00 with myocarditis  
**I01.8 Other acute rheumatic heart disease**  
 Any condition in I00 with other or multiple types of heart involvement  
 Acute rheumatic pancarditis  
**I01.9 Acute rheumatic heart disease, unspecified**  
 Any condition in I00 with unspecified type of heart involvement  
 Rheumatic:  
 - carditis, acute  
 - heart disease, active or acute

**I02** Rheumatic chorea

Includes: Sydenham's chorea  
 Excludes: chorea:  
 - NOS (G25.5)  
 - Huntington (G10)  
**I02.0 Rheumatic chorea with heart involvement**  
 Chorea NOS with heart involvement  
 Rheumatic chorea with heart involvement of any type classifiable under I01.I02.9  
**I02.9 Rheumatic chorea without heart involvement**  
 Rheumatic chorea NOS

**I05** Mitral valve diseases

**I05.0 Mitral stenosis**  
 Excludes: when specified as congenital (Q23.2, Q23.3)  
 - with atrial septal defect (Littenbacher syndrome)  
 Mitral (valve) stenosis  
 - rheumatic  
 - nonrheumatic  
**I05.1 Mitral regurgitation**  
 Mitral (valve) regurgitation (insufficiency)  
 Excludes: when specified as infectious endocarditis  
 : congenital  
 - rheumatic  
 - inflammatory except for rheumatic: connective tissue disease  
 degenerative

Excludes: when specified as mitral valve prolapse (I34.1)  
 Marfan syndrome, Ehlers-Danlos syndrome, pseudoxanthoma elasticum  
 ruptured chordae tendineae  
 rupture or dysfunction of papillary muscle  
 dilatation on mitral valve annulus and ventricular cavity

**I04.1 Mitral (valve) prolapse**

Floppy mitral valve syndrome  
 Excludes: Marfan's syndrome (Q87.4)  
**I05.1 Acute mitral regurgitation**  
 Acute mitral (valve) regurgitation (insufficiency)  
 Excludes: when specified as infectious endocarditis  
 : rheumatic  
 - trauma

**I05.2 Mitral stenosis with regurgitation**

Other mitral valve diseases  
 Mitral (valve) failure  
**I05.9 Mitral valve disease, unspecified**  
 Mitral (valve) disorder (chronic) NOS

**I06** Aortic valve diseases

**I06.0 Aortic stenosis**  
 Excludes: when specified as congenital (I05.1)  
 : hypertrophic subaortic stenosis (I42.1)

Any condition in I00 with endocarditis or valvulitis  
 Acute rheumatic valvulitis  
**I01.2 Acute rheumatic myocarditis**  
 Any condition in I00 with myocarditis  
**I01.8 Other acute rheumatic heart disease**  
 Any condition in I00 with other or multiple types of heart involvement  
 Acute rheumatic pancarditis  
**I01.9 Acute rheumatic heart disease, unspecified**  
 Any condition in I00 with unspecified type of heart involvement  
 Rheumatic:  
 - carditis, acute  
 - heart disease, active or acute

**I02** Rheumatic chorea

Includes: Sydenham's chorea  
 Excludes: chorea:  
 - NOS (G25.5)  
 - Huntington (G10)  
**I02.0 Rheumatic chorea with heart involvement**  
 Chorea NOS with heart involvement  
 Rheumatic chorea with heart involvement of any type classifiable under I01.I02.9  
**I02.9 Rheumatic chorea without heart involvement**  
 Rheumatic chorea NOS

**I05** Rheumatic mitral valve diseases

Includes: conditions classifiable to I05.0 and I05.2-I05.9, whether specified as rheumatic or not  
 Excludes: when specified as nonrheumatic (I34.-)  
**I05.0 Mitral stenosis**  
 Mitral (valve) obstruction (rheumatic)  
**I05.1 Rheumatic mitral insufficiency**  
 Rheumatic mitral:  
 - incompetence  
 - regurgitation  
**I05.2 Mitral stenosis with insufficiency**  
 Mitral stenosis with incompetence or regurgitation  
**I05.8 Other mitral valve diseases**  
 Mitral (valve) failure  
**I05.9 Mitral valve disease, unspecified**  
 Mitral (valve) disorder (chronic) NOS

**I34** Nonrheumatic mitral valve disorders

Excludes: mitral (valve):  
 - disease (I05.9)  
 - failure (I05.8)  
 - stenosis (I05.0)  
 when of unspecified cause but with mention of:  
 - diseases of aortic valve (I06.0)  
 - mitral stenosis or obstruction (I05.0)  
 when specified as rheumatic (I05.-)  
 when specified as congenital (Q23.2, Q23.3)  
**I34.0 Mitral (valve) insufficiency**  
 Mitral (valve):  
 - incompetence  
 - regurgitation  
 } NOS or of specified cause, except rheumatic  
 }  
**I34.1 Mitral (valve) prolapse**  
 Floppy mitral valve syndrome  
 Excludes: Marfan's syndrome (Q87.4)  
**I34.2 Nonrheumatic mitral (valve) stenosis**  
**I34.8 Other nonrheumatic mitral valve disorders**  
 Nonrheumatic mitral valve disorder, unspecified

**I06** Rheumatic aortic valve diseases

Excludes: when not specified as rheumatic (I05.-)  
**I06.0 Rheumatic aortic stenosis**  
 Rheumatic aortic (valve) obstruction



837.8 Other pulmonary valve disorders  
837.8 Pulmonary valve disorder, unspecified

**108 Multiple valve diseases**

Includes: whether specified as rheumatic or of unspecified origin  
Excludes: endocarditis, valve unspecified (I38)  
Disorders of both mitral and aortic valves  
Involvement of both mitral and aortic valves whether specified as rheumatic or not  
Disorders of both mitral and tricuspid valves  
Disorders of both aortic and tricuspid valves  
Combined disorders of mitral, aortic and tricuspid valves  
Other multiple valve diseases  
Multiple valve diseases, unspecified

108.0 Disorders of both mitral and aortic valves  
108.1 Involvement of both mitral and aortic valves whether specified as rheumatic or not  
108.2 Disorders of both mitral and tricuspid valves  
108.3 Disorders of both aortic and tricuspid valves  
108.4 Combined disorders of mitral, aortic and tricuspid valves  
108.5 Other multiple valve diseases  
108.8 Multiple valve diseases, unspecified

**109 Prosthetic valve diseases**

Excludes: endocarditis, valve unspecified (I38)  
Aortic prosthetic valve stenosis  
Aortic prosthetic valve regurgitation  
Aortic prosthetic valve stenosis and regurgitation  
Mitral prosthetic valve stenosis  
Mitral prosthetic valve regurgitation  
Mitral prosthetic valve stenosis and regurgitation  
Other prosthetic valve stenosis and/or regurgitation

109.0 Aortic prosthetic valve stenosis  
109.1 Aortic prosthetic valve regurgitation  
109.2 Aortic prosthetic valve stenosis and regurgitation  
109.3 Mitral prosthetic valve stenosis  
109.4 Mitral prosthetic valve regurgitation  
109.5 Mitral prosthetic valve stenosis and regurgitation  
109.6 Other prosthetic valve stenosis and/or regurgitation

**109 Other rheumatic heart diseases**

Rheumatic myocarditis  
Excludes: myocarditis not specified as rheumatic (I51.4)  
Rheumatic diseases of endocardium, valve unspecified  
Rheumatic:  
· endocarditis (chronic)  
· valvulitis (chronic)  
Excludes: endocarditis, valve unspecified (I38)  
Chronic rheumatic pericarditis  
Adherent pericardium, rheumatic  
Chronic rheumatic:  
· mediastinopericarditis  
· myopericarditis  
Excludes: when not specified as rheumatic (I31.-)  
Other specified rheumatic heart diseases  
Rheumatic disease of pulmonary valve  
Rheumatic heart disease, unspecified  
Rheumatic:  
· carditis  
· heart failure

**109 Other forms of heart disease**

109.0 Rheumatic myocarditis  
Excludes: myocarditis not specified as rheumatic (I51.4)  
109.1 Rheumatic diseases of endocardium, valve unspecified  
Rheumatic:  
· endocarditis (chronic)  
· valvulitis (chronic)  
Excludes: endocarditis, valve unspecified (I38)  
109.2 Chronic rheumatic pericarditis  
Adherent pericardium, rheumatic  
Chronic rheumatic:  
· mediastinopericarditis  
· myopericarditis  
Excludes: when not specified as rheumatic (I31.-)  
109.8 Other specified rheumatic heart diseases  
Rheumatic disease of pulmonary valve  
109.9 Rheumatic heart disease, unspecified  
Rheumatic:  
· carditis  
· heart failure  
Excludes: rheumatoid carditis (M05.3-)

**Diseases of the myocardium**

(I40-I43)

**140 Acute, fulminant, and chronic myocarditis**

140.0 Acute infective myocarditis  
Bacterial  
Viral  
Use additional code (B95-B97), if desired, to identify infectious agent.  
Myocarditis in unspecified infectious disease (B99)

140.2 Fulminant myocarditis  
140.3 Chronic myocarditis (persistent)  
140.4 Chronic myocarditis (subclinical infection)  
140.8 Other acute myocarditis  
140.9 Acute myocarditis, unspecified

**141 Myocarditis in diseases classified elsewhere**

141.0\* Myocarditis in bacterial diseases classified elsewhere  
Myocarditis:

**108 Multiple valve diseases**

Includes: whether specified as rheumatic or of unspecified origin  
Excludes: endocarditis, valve unspecified (I38)  
rheumatic diseases of endocardium, valve unspecified (I09.1)  
multiple valve diseases of specified origin other than rheumatic heart disease  
(use appropriate codes in I34-I38, Q22-Q23 and Q24.8)  
Disorders of both mitral and aortic valves  
Involvement of both mitral and aortic valves whether specified as rheumatic or not  
Disorders of both mitral and tricuspid valves  
Disorders of both aortic and tricuspid valves  
Combined disorders of mitral, aortic and tricuspid valves  
Other multiple valve diseases  
Multiple valve diseases, unspecified

108.0 Disorders of both mitral and aortic valves  
108.1 Involvement of both mitral and aortic valves whether specified as rheumatic or not  
108.2 Disorders of both mitral and tricuspid valves  
108.3 Disorders of both aortic and tricuspid valves  
108.4 Combined disorders of mitral, aortic and tricuspid valves  
108.5 Other multiple valve diseases  
108.8 Multiple valve diseases, unspecified

**109 Other rheumatic heart diseases**

Rheumatic myocarditis  
Excludes: myocarditis not specified as rheumatic (I51.4)  
Rheumatic diseases of endocardium, valve unspecified  
Rheumatic:  
· endocarditis (chronic)  
· valvulitis (chronic)  
Excludes: endocarditis, valve unspecified (I38)  
Chronic rheumatic pericarditis  
Adherent pericardium, rheumatic  
Chronic rheumatic:  
· mediastinopericarditis  
· myopericarditis  
Excludes: when not specified as rheumatic (I31.-)  
Other specified rheumatic heart diseases  
Rheumatic disease of pulmonary valve  
Rheumatic heart disease, unspecified  
Rheumatic:  
· carditis  
· heart failure  
Excludes: rheumatoid carditis (M05.3-)

**Other forms of heart disease**

(I30-I52)

**140 Acute myocarditis**

140.0 Infective myocarditis  
Septic myocarditis  
Use additional code (B95-B97), if desired, to identify infectious agent.  
140.1 Isolated myocarditis

140.8 Other acute myocarditis

140.9 Acute myocarditis, unspecified

Other forms of heart disease (I30-I52)

**141 Myocarditis in diseases classified elsewhere**

141.0\* Myocarditis in bacterial diseases classified elsewhere  
Myocarditis:

- diphtheritic (A36.8†)
- gonococcal (A54.8†)
- meningococcal (A39.5†)
- syphilitic (A52.0†)
- tuberculous (A18.8†)
- HIV-associated
- parasitic
- candida

**141.1\*** **Myocarditis in viral diseases classified elsewhere**  
 Influenzal myocarditis (acute) (U09†, J10.8†, J11.8†) ;  
 Mumps myocarditis (B26.8†)

**141.2\*** **Myocarditis in other infectious and parasitic diseases classified elsewhere**  
 Myocarditis in:  
 - Chagas' disease (chronic) (trypanosoma cruzi) (B57.2†)  
 - acute (B57.0†)  
 - toxoplasmosis (B58.8†)

**140.3\*** **Myocarditis caused by immune response**  
 Rheumatoid / Collagen disease associated (M30-M36, M05.3\*)  
 Drug or chemical agent-induced  
 Eosinophilic, but unspecified  
 Other autoimmune responses

**141.8\*** **Myocarditis in other diseases classified elsewhere**  
 Rheumatoid myocarditis (M05.3-†)  
 Sarcoid myocarditis, Cardiac sarcoidosis ( D86.8\*)

**142** **Cardiomyopathy**

Excludes:

- cardiomyopathy complicating:
  - pregnancy (O98.4)
  - puerperium (O90.3)
- ischemic cardiomyopathy (I25.5)
- pulmonary hypertension (I27.8, I27.9)
- valvular heart disease (I30-I39)
- hypertensive heart disease (I11.0, I11.9)
- gene-undefined
- 142.X.0
- 142.X.1
- 142.X.1
- X=0, 1, —, 8.

142.0 - 142.8; Using the code below, hereditary cardiomyopathy is defined when the responsible gene is identified.

**142.0** **Dilated cardiomyopathy**

Congestive cardiomyopathy

**142.0.1** **Arrhythmogenic right ventricular cardiomyopathy/disease**

**142.0.2** **Left ventricular noncompaction**

**142.1** **Obstructive hypertrophic cardiomyopathy**

**142.2** **Other hypertrophic cardiomyopathy**

**142.3** **Nonobstructive hypertrophic cardiomyopathy**

**142.3** **Endomyocardial (eosinophilic) disease**

Endomyocardial (tropical) fibrosis

Lo Jlier's endocarditis

**142.4** **Congenital cardiomyopathy**

Endocardial fibroelastosis

Mitochondrial cardiomyopathy

Congenital cardiomyopathy NOS

**142.5** **Other restrictive cardiomyopathy**

Constrictive cardiomyopathy NOS

**142.6** **Alcoholic cardiomyopathy**

**142.7** **Cardiomyopathy due to drugs and other external agents**

Consequence of cancer therapy  
 Use additional external cause code (Chapter XX), if desired, to identify cause.

**142.8** **Other cardiomyopathies**

Cardiomyopathy complicated with endocrine disorder  
 Cardiomyopathy complicated with nutritional disorder and electrolyte imbalance

- Nutritional disorder
- Electrolytes deficiencies
- Stress-provoked
- Takotsubo cardiomyopathy
- Complicated with arrhythmia
- Other cardiomyopathies

- diphtheritic (A36.8†)
- gonococcal (A34.8†)
- meningococcal (A39.5†)
- syphilitic (A52.0†)
- tuberculous (A18.8†)

**141.1\*** **Myocarditis in viral diseases classified elsewhere**  
 Influenzal myocarditis (acute) (U09†, J10.8†, J11.8†) ;  
 Mumps myocarditis (B26.8†)

**141.2\*** **Myocarditis in other infectious and parasitic diseases classified elsewhere**  
 Myocarditis in:  
 - Chagas' disease (chronic) (B57.2†)  
 - acute (B57.0†)  
 - toxoplasmosis (B58.8†)

**141.8\*** **Myocarditis in other diseases classified elsewhere**  
 Rheumatoid myocarditis (M05.3-†)  
 Sarcoid myocarditis (D86.8†)

**142** **Cardiomyopathy**

Excludes: cardiomyopathy complicating:

- pregnancy (O98.4)
- puerperium (O90.3)
- ischemic cardiomyopathy (I25.5)

**142.0** **Dilated cardiomyopathy**

Congestive cardiomyopathy

**142.1** **Obstructive hypertrophic cardiomyopathy**

Hypertrophic subaortic stenosis

**142.2** **Other hypertrophic cardiomyopathy**

Nonobstructive hypertrophic cardiomyopathy

**142.3** **Endomyocardial (eosinophilic) disease**

Endomyocardial (tropical) fibrosis

Lo Jlier's endocarditis

**142.4** **Endocardial fibroelastosis**

Congenital cardiomyopathy

**142.5** **Other restrictive cardiomyopathy**

Constrictive cardiomyopathy NOS

**142.6** **Alcoholic cardiomyopathy**

**142.7** **Cardiomyopathy due to drugs and other external agents**

Use additional external cause code (Chapter XX), if desired, to identify cause.

**142.8** **Other cardiomyopathies**

142.9 **Cardiomyopathy, unspecified**  
Cardiomyopathy (primary/secondary) NOS

**143\*** **Cardiomyopathy in diseases classified elsewhere**

143.0\* **Cardiomyopathy in infectious and parasitic diseases classified elsewhere**  
Cardiomyopathy in diphtheria (A36.8F)  
Cardiomyopathy in metabolic diseases  
Cardiac amyloidosis (E85.-1)  
143.2\* **Cardiomyopathy in nutritional diseases**  
Nutritional cardiomyopathy NOS (E63.9†)

143.3\* **Cardiomyopathy in neuromuscular/neurological disease**  
Cardiomyopathy in:  
· Friedreich's ataxia  
· Duchenne-Becker muscular dystrophy  
· Emery-Dreifuss muscular dystrophy  
· Myotonic dystrophy  
· Neurofibromatosis  
· Tuberculous sclerosis  
· Others

**143.4\*** **Cardiomyopathy in storage disease**

Cardiomyopathy in:  
· Disorders of mineral metabolism (E83)  
· Glycogen storage disease(E74)  
Pompe disease  
Danon disease  
Others  
· Disorders of sphingolipid metabolism and other lipid storage disorders(E75)

· Fabry's disease  
Niemann-Pick disease  
Gaucher disease  
Others

· Disorders of glycosaminoglycan metabolism(E76)

Hunter's disease  
Hunter's disease  
Others

· Lipid storage disorder, unspecified(E75.6)

**143.5\*** **Cardiomyopathy in congenital disease**

Cardiomyopathy in:  
· Cardiac facial syndrome  
· Noonan syndrome  
· Lentiginosis

**143.8\*** **Cardiomyopathy in other diseases classified elsewhere**

Gouty tophi of heart (M10.0†)  
Thyrotoxic heart disease (E05.9†)

Arrhythmias  
(I44-I49)

**149.5** **Sinus node dysfunction**

Excludes: bradycardia:

- NOS (R00.1)
- sinoatrial (R00.1)
- sinus (R00.1)
- vagal (R00.1)
- complicating:
  - abortion or ectopic or molar pregnancy (O00-O07, O08.8)
  - obstetric surgery and procedures (O75.4)
  - neonatal cardiac dysrhythmia (P29.1)

**149.5** **Sick sinus syndrome**

Sinus arrest  
Sinusatrial block

145.5

Sinoauricular block  
Excludes: heart block NOS (I45.9)  
with atrial fibrillation

Bradycardia-tachycardia syndrome  
with supraventricular tachycardia other than atrial fibrillation  
with ventricular tachycardia

Bradycardia due to sinus dysfunction NOS

142.9 **Cardiomyopathy, unspecified**  
Cardiomyopathy (primary/secondary) NOS

Other forms of heart disease (I30-I52)

**143\*** **Cardiomyopathy in diseases classified elsewhere**

143.0\* **Cardiomyopathy in infectious and parasitic diseases classified elsewhere**

Cardiomyopathy in diphtheria (A36.8†)

Cardiomyopathy in metabolic diseases

Cardiac amyloidosis (E85.-1)

143.1\* **Cardiomyopathy in nutritional diseases**

Nutritional cardiomyopathy NOS (E63.9†)

143.2\* **Cardiomyopathy in neuromuscular/neurological disease**

Cardiomyopathy in:

· Friedreich's ataxia

· Duchenne-Becker muscular dystrophy

· Emery-Dreifuss muscular dystrophy

· Myotonic dystrophy

· Neurofibromatosis

· Tuberculous sclerosis

· Others

143.3\* **Cardiomyopathy in storage disease**

Cardiomyopathy in:

· Disorders of mineral metabolism (E83)

· Glycogen storage disease(E74)

Pompe disease

Danon disease

Others

· Disorders of sphingolipid metabolism and other lipid storage disorders(E75)

· Fabry's disease

Niemann-Pick disease

Gaucher disease

Others

· Disorders of glycosaminoglycan metabolism(E76)

Hunter's disease

Hunter's disease

Others

· Lipid storage disorder, unspecified(E75.6)

**143.5\*** **Cardiomyopathy in congenital disease**

Cardiomyopathy in:

· Cardiac facial syndrome

· Noonan syndrome

· Lentiginosis

**143.8\*** **Cardiomyopathy in other diseases classified elsewhere**

Gouty tophi of heart (M10.0†)

Thyrotoxic heart disease (E05.9†)

Other forms of heart disease

(I30-I52)

**149.5** **Sick sinus syndrome**

Tachycardia-bradycardia syndrome

**149.8** Other specified cardiac arrhythmias  
Rhythm disorder:  
· coronary sinus  
· ectopic  
· nodal

**149.8 & 145** Conduction disorders

**144.0** Atrioventricular block, first degree  
**144.1** Atrioventricular block, second degree  
Wenckebach's block (Mobitz block, type I)  
Mobitz block, type II

**144.2** Atrioventricular block, complete  
Third-degree atrioventricular block  
Complete heart block NOS  
**144.3** Other and unspecified atrioventricular block  
Atrioventricular block NOS  
**146.0** Right bundle branch block  
Incomplete right bundle branch block  
Complete right bundle branch block  
Other and unspecified right bundle-branch block

145.1

**144.7** Left bundle-branch block  
Complete left bundle-branch block  
Left anterior fascicular block  
Left posterior fascicular block  
Other and unspecified fascicular block  
Left bundle-branch hemiblock NOS

144.4  
144.5  
144.6

**146.2** Bifascicular block (Complete right bundle branch block and Left anterior fascicular block)  
Bifascicular block (Complete right bundle branch block and Left posterior fascicular block)  
First-degree trifascicular block  
(Third-degree atrioventricular block and Complete right bundle branch block and Left bundle-branch hemiblock)

**146.3** Trifascicular block  
**146.4** Nonspecific intraventricular block  
Bundle-branch block NOS

**146.8** Other specified conduction disorders  
Atrioventricular [AV] dissociation  
Interference dissociation  
Long QT syndrome

**146.9** Conduction disorder, unspecified  
Heart block NOS  
Stokes-Adams syndrome

**147-49** Supraventricular tachyarrhythmias

**148.1** Atrial premature depolarization

**149.2** Atrial premature beats  
**146.1** Junctional premature depolarization  
Atrial fibrillation  
Paroxysmal atrial fibrillation  
Persistent atrial fibrillation  
**146.2** Atrial flutter  
Paroxysmal atrial flutter  
Persistent atrial flutter  
**147** Paroxysmal tachycardia  
Excludes: complicating:

- abortion or ectopic or molar pregnancy (O00-O07, O08.8)
- obstetric surgery and procedures (O75.4)
- tachycardia:
- NOS (R00.0)
- sinus (R00.0)
- sinus (sinus) NOS (R00.0)

**147.1** Paroxysmal supraventricular tachycardia  
Paroxysmal supraventricular tachycardia: caused by  
· Pre-excitation syndrome **145.6**  
Lown-Ganong-Levine syndrome  
Wolff-Parkinson-White syndrome

**149.8** Other specified cardiac arrhythmias  
Rhythm disorder:  
· coronary sinus  
· ectopic  
· nodal

**144** Atrioventricular and left bundle-branch block

**144.0** Atrioventricular block, first degree  
**144.1** Atrioventricular block, second degree  
Wenckebach's block, type I and II  
Mobitz block, type I and II  
Second-degree block, type I and II  
Wenckebach's block

**144.2** Atrioventricular block, complete  
Complete heart block NOS  
Third-degree block

**144.3** Other and unspecified atrioventricular block  
Atrioventricular block NOS

**144.4** Left anterior fascicular block

**144.5** Left posterior fascicular block

**144.6** Other and unspecified fascicular block

Left bundle-branch hemiblock NOS

**144.7** Left bundle-branch block, unspecified

Other forms of heart disease (I30-I52)

**145** Other conduction disorders

**145.0** Right fascicular block

Other and unspecified right bundle-branch block

**145.1** Right bundle-branch block NOS

**145.2** Bifascicular block

**145.3** Trifascicular block

**145.4** Nonspecific intraventricular block  
Bundle-branch block NOS

**145.5** Other specified heart block  
Sinusatrial block

Sinoatrial block

Excludes: heart block NOS (145.9)

**145.8** Other specified conduction disorders  
Atrioventricular [AV] dissociation  
Interference dissociation  
Long QT syndrome

Excludes: prolongation of QT interval (R94.3)

**145.9** Conduction disorder, unspecified  
Heart block NOS  
Stokes-Adams syndrome

**148.1** Atrial premature depolarization

Atrial premature beats

**149.2** Junctional premature depolarization

**146** Atrial fibrillation and flutter

**147.1** Supraventricular tachycardia

**145.6** Pre-excitation syndrome  
Anomalous atrioventricular excitation  
Atrioventricular conduction:  
· accelerated  
· accessory  
· pre-excitation

Lown-Ganong-Levine syndrome

Wolff-Parkinson-White syndrome

Paroxysmal tachycardia:

· atrial



- Atrioventricular nodal reentry
- Atrial

Paroxysmal supraventricular tachycardia, unspecified

147.9

147.49 Ventricular tachycardia

148.3 Ventricular premature depolarization

147.2 Ventricular tachycardia

Non-sustained ventricular tachycardia

Sustained ventricular tachycardia

Torsades de Pointes

Paroxysmal ventricular tachycardia, unspecified

Ventricular fibrillation

147.9

148 Other cardiac arrhythmias

Other and unspecified premature depolarization

Premature beats NOS

Cardiac arrhythmia, unspecified

Arrhythmia (cardiac) NOS

- atrioventricular [AV]
- junctional
- nodal

Paroxysmal tachycardia, unspecified

Brugada(-Hoffmann) syndrome

Paroxysmal tachycardia

Excludes: complicating:

- abortion or ectopic or molar pregnancy (O00–O07, O08.8)

- obstetric surgery and procedures (O75.4)

tachycardia:

- NOS (R00.0)

- sinoatrial NOS (R00.0)

- sinus [sinus] NOS (R00.0)

147.0 Re-entry ventricular arrhythmia

147.2 Ventricular tachycardia

148.0 Ventricular fibrillation and flutter

148.3 Ventricular premature depolarization

148 Other cardiac arrhythmias

Excludes: bradycardia:

- NOS (R00.1)

- sinoatrial (R00.1)

- sinus (R00.1)

- vagal (R00.1)

complicating:

- abortion or ectopic or molar pregnancy (O00–O07, O08.8)

- obstetric surgery and procedures (O75.4)

- neonatal cardiac dysrhythmia (P25.1)

149.4 Other and unspecified premature depolarization

Ectopic beats

Ectopysioles

Extrasystolic arrhythmias

Premature:

- beats NOS

- contractions

149.9 Cardiac arrhythmia, unspecified

Arrhythmia (cardiac) NOS

Other forms of heart disease (I30–I52)

146 Cardiac arrest

Excludes: cardiogenic shock (R57.0)

complicating:

- abortion or ectopic or molar pregnancy (O00–O07, O08.8)

- obstetric surgery and procedures (O75.4)

146.0 Cardiac arrest with successful resuscitation

146.1 Sudden cardiac death, so described

Excludes: sudden death:

- NOS (R96.–)

- with:

- conduction disorder (I44–I45)

- myocardial infarction (I21–I22)

146.2 Cardiac standstill

146.3 Pulseless electrical activities

146.9 Cardiac arrest, unspecified

146.6 Other cardiac arrhythmias caused by anabolic disorder

Hereditary atrioventricular block

Long QT syndrome

Long QT syndrome type 1

Long QT syndrome type 2

Long QT syndrome type 3

Long QT syndrome, others without hearing impairment

Long QT syndrome with hearing impairment

146.9 Cardiac arrest, unspecified

**Brugada syndrome**

- Brugada syndrome with VT or VF
- Brugada syndrome without VT or VF, with typical ECG findings
- Brugada syndrome without VT or VF, with atypical ECG findings

**Short QT syndrome**

**J wave syndrome**

**Long QT syndrome**

Cardiac arrhythmia caused by genetic disorder NOS

**Heart Failure (E0)**

**I50**

**Heart failure**

Excludes:

- complicating:
  - abortion or ectopic or molar pregnancy (O00–O07, O08.8)
  - obstetric surgery and procedures (O75.4)
  - due to hypertension (I11.0)
  - with renal disease (I13.–)
- following cardiac surgery or due to presence of cardiac prosthesis (I97.1)
- neonatal cardiac failure (P29.0)
- decompensation of pre-existing chronic heart failure (e.g. cardiomyopathy)
- acute coronary syndromes
- acute arrhythmia
- severe aortic valve stenosis
- valvular regurgitation
- aortic dissection
- acute severe myocarditis
- hypertensive crisis, due to hypertension (I11.0)
- with renal disease (I13.–)
- post-partum cardiomyopathy
- Cardiac tamponade (I31.9)

**I50.0**

**Congestive heart failure**

- Acute congestive heart disease
- Chronic congestive heart disease
- Right ventricular failure (secondary to left heart failure)
- Left ventricular failure**
  - with mention of heart disease NOS or heart failure
- Oedema of lung
- Pulmonary oedema
- Cardiac asthma
- Left heart failure

**I50.1**

**High output syndromes**

- septicemia
- thyrotoxicosis crisis
- anaemia
- shunt syndromes

**I50.9**

**Heart failure, unspecified**

Cardiac, heart or myocardial failure NOS

**Other forms of heart disease (I51–I52)**

**I51**

**Complications and ill-defined descriptions of heart disease**

Excludes: any condition in I51.4–I51.9 due to hypertension (I11.–);

- with renal disease (I13.–)
- complications following acute myocardial infarction (I23.–)
- when specified as rheumatic (I00–I09)

**I51.0**

**Cardiac septal defect, acquired**

- atrial
- auricular
- ventricular

**I51.1**

**Rupture of chordae tendineae, not elsewhere classified**

**I51.2**

**Rupture of papillary muscle, not elsewhere classified**

**I51.3**

**Intracardiac thrombosis, not elsewhere classified**

- apical
- atrial
- auricular
- ventricular

**Other forms of heart disease (I00–I52)**

**I50**

**Heart failure**

Excludes: complicating:

- abortion or ectopic or molar pregnancy (O00–O07, O08.8)
- obstetric surgery and procedures (O75.4)
- due to hypertension (I11.0)
- with renal disease (I13.–)
- following cardiac surgery or due to presence of cardiac prosthesis (I97.1)
- neonatal cardiac failure (P29.0)

**I50.0**

**Congestive heart failure**

- Congestive heart disease
- Right ventricular failure (secondary to left heart failure)
- Left ventricular failure**
  - with mention of heart disease NOS or heart failure
- Oedema of lung
- Pulmonary oedema
- Cardiac asthma
- Left heart failure

**I50.9**

**Heart failure, unspecified**

Cardiac, heart or myocardial failure NOS

**Other forms of heart disease (I51–I52)**

**I51**

**Complications and ill-defined descriptions of heart disease**

Excludes: any condition in I51.4–I51.9 due to hypertension (I11.–);

- with renal disease (I13.–)
- complications following acute myocardial infarction (I23.–)
- when specified as rheumatic (I00–I09)

**I51.0**

**Cardiac septal defect, acquired**

- atrial
- auricular
- ventricular

**I51.1**

**Rupture of chordae tendineae, not elsewhere classified**

**I51.2**

**Rupture of papillary muscle, not elsewhere classified**

**I51.3**

**Intracardiac thrombosis, not elsewhere classified**

- apical
- atrial
- auricular
- ventricular

**I51.4 Myocarditis, unspecified**  
Myocardial fibrosis  
Myocarditis:  
- NOS  
- chronic (interstitial)  
**Myocardial degeneration**  
Degeneration of heart or myocardium:  
- fatty  
- senile

**I51.6 Cardiovascular disease, unspecified**  
Cardiovascular accident, NOS  
Excludes: atherosclerotic cardiovascular disease, so described (I25.0)

**I51.7 Cardiomegaly**  
Cardiac:  
- dilatation  
- hypertrophy

**I51.8 Other ill-defined heart diseases**  
Carditis (acute/chronic)  
Pancarditis (acute/chronic)  
**Heart disease, unspecified**

**I52\* Other heart disorders in diseases classified elsewhere**

Excludes: cardiovascular disorders NOS in diseases classified elsewhere (I98.-\*)

**I52.0\* Other heart disorders in bacterial diseases classified elsewhere**

Meningococcal carditis (A39.5T)

**I52.1\* Other heart disorders in other infectious and parasitic diseases classified elsewhere**

Pulmonary heart disease in schistosomiasis (B65.-†)

**I52.8\* Other heart disorders in other diseases classified elsewhere**  
Rheumatoid carditis (M05.3-†)

Diseases of arteries, arterioles and capillaries  
(I70-I79)

**I74 Acute arterial occlusion**

Includes: infarction:

- embolic
  - thrombotic occlusion:
  - embolic
  - thrombotic
- Excludes: embolism and thrombosis:
- basilar (I63.0-I63.2, I65.1)
  - carotid (I63.0-I63.2, I65.2)
  - cerebral (I63.3-I63.5, I66.9)
  - complicating:
  - abortion or ectopic or molar pregnancy (O00-O07, O08.2)
  - pregnancy, childbirth and the puerperium (O88.-)
  - coronary (I21-I25)
  - mesenteric (K55.0)
  - precerebral (I63.0-I63.2, I65.9)
  - pulmonary (I26.-)
  - renal (N28.0)
  - rectal (I43.4.-)
  - vertebral (I63.0-I63.2, I65.0)

**I74.0 Embolism and thrombosis of abdominal aorta**

**I74.1 Embolism and thrombosis of other and unspecified parts of aorta**

**I74.2 Embolism and thrombosis of arteries of upper extremities**

**I74.3 Embolism and thrombosis of arteries of lower extremities**

**I74.4 Embolism and thrombosis of arteries of extremities, unspecified**  
Peripheral arterial embolism

**I74.5 Embolism and thrombosis of iliac artery**

**I74.6 Myonephropathic-metabolic syndrome**

**I74.7 Cholesterol (crystal) embolism**  
Blue toe syndrome

**I74.8 Embolism and thrombosis of other arteries**

**I74.9 Embolism and thrombosis of unspecified artery**

**I51.4 Myocarditis, unspecified**  
Myocardial fibrosis  
Myocarditis:  
- NOS

**I51.5 Myocardial degeneration**  
Degeneration of heart or myocardium:  
- fatty  
- senile

**I51.6 Cardiovascular disease, unspecified**  
Cardiovascular accident, NOS  
Excludes: atherosclerotic cardiovascular disease, so described (I25.0)

**I51.7 Cardiomegaly**  
Cardiac:  
- dilatation  
- hypertrophy

**I51.8 Other ill-defined heart diseases**  
Carditis (acute/chronic)  
Pancarditis (acute/chronic)  
**Heart disease, unspecified**

**I52\* Other heart disorders in diseases classified elsewhere**

Excludes: cardiovascular disorders NOS in diseases classified elsewhere (I98.-\*)

**I52.0\* Other heart disorders in bacterial diseases classified elsewhere**

Meningococcal carditis (A39.5T)

**I52.1\* Other heart disorders in other infectious and parasitic diseases classified elsewhere**

Pulmonary heart disease in schistosomiasis (B65.-†)

**I52.8\* Other heart disorders in other diseases classified elsewhere**  
Rheumatoid carditis (M05.3-†)

Diseases of arteries, arterioles and capillaries  
(I70-I79)

**I74 Arterial embolism and thrombosis**

Includes: infarction:

- embolic
  - thrombotic occlusion:
  - embolic
  - thrombotic
- Excludes: embolism and thrombosis:
- basilar (I63.0-I63.2, I65.1)
  - carotid (I63.0-I63.2, I65.2)
  - cerebral (I63.3-I63.5, I66.9)
  - complicating:
  - abortion or ectopic or molar pregnancy (O00-O07, O08.2)
  - pregnancy, childbirth and the puerperium (O88.-)
  - coronary (I21-I25)
  - mesenteric (K55.0)
  - precerebral (I63.0-I63.2, I65.9)
  - pulmonary (I26.-)
  - renal (N28.0)
  - rectal (I43.4.-)
  - vertebral (I63.0-I63.2, I65.0)

**I74.0 Embolism and thrombosis of abdominal aorta**

**I74.1 Embolism and thrombosis of other and unspecified parts of aorta**  
Leriche's syndrome

**I74.2 Embolism and thrombosis of arteries of upper extremities**

**I74.3 Embolism and thrombosis of arteries of lower extremities**

**I74.4 Embolism and thrombosis of arteries of extremities, unspecified**  
Peripheral arterial embolism

**I74.5 Embolism and thrombosis of iliac artery**

**I74.6 Blue toe syndrome**

**I74.8 Embolism and thrombosis of other arteries**

**I74.9 Embolism and thrombosis of unspecified artery**

## Chronic arterial occlusion

Excludes: chilblains (I69.1)

- frostbite (T33–T35)  
 immersion hand or foot (T69.0)  
 spasm of cerebral artery (G45.9)
- Includes: arteriosclerosis  
 arteriosclerotic vascular disease  
 atheroma  
 degeneration:  
 - arterial  
 - arteriovascular  
 - vascular  
 endarteritis deformans or obliterans  
 senile;  
 - arteritis  
 - endarteritis
- The following supplementary classification to indicate the presence or absence of gangrene is provided for optional use.
- 0 without gangrene  
 1 with gangrene
- Excludes: cerebral (I67.2)

## I70.2

## Peripheral arterial disease

Arteriosclerosis obliterans  
 Atherosclerosis of arteries of extremities  
 Intermittent claudication

## I70.3

## Atherosclerotic gangrene

Aortic bifurcation syndrome  
 Leriche's syndrome

## I73.1

## Thromboangiitis obliterans [Buerger]

## I73.0

## Raynaud's syndrome

Raynaud's:  
 - disease  
 - gangrene  
 - phenomenon (secondary)

## I73.8

## Other specified peripheral vascular diseases

Acrocyanosis  
 Acroparaesthesia:  
 - simple [Schulze's type]  
 - vasomotor [Notnagel's type]

## Erythrocytosis

Erythromelalgia  
 Atherosclerosis of aorta

## I70.0

## Atherosclerosis of renal artery

Goldblatt's kidney

Excludes: atherosclerosis of renal arterioles (I12.–)

## I73.9

## Peripheral vascular disease, unspecified

## I70.8

## Atherosclerosis of other arteries

## I70.9

## Generalized and unspecified atherosclerosis

## I71.

## Aortic aneurysm and dissection

## I71.0

## Aortic dissection

Dissecting aneurysm of aorta (ruptured) [any part]

## I71.0.1

## Aortic dissection, DeBakey type I

## I71.0.2

## Aortic dissection, DeBakey type II

## I71.0.3

## Aortic dissection, DeBakey type III

## I71.1

## Thoracic aortic aneurysm

## I71.3

## Abdominal aortic aneurysm

## I71.5

## Thoracoabdominal aortic aneurysm

## I71.8

## Aortic aneurysm of unspecified site

## I72.

## Other peripheral vascular diseases

Excludes: chilblains (I69.1)

- frostbite (T33–T35)  
 immersion hand or foot (T69.0)  
 spasm of cerebral artery (G45.9)

## I73.0

## Raynaud's syndrome

Raynaud's:  
 - disease  
 - gangrene

- phenomenon (secondary)

## I73.1

## Thromboangiitis obliterans [Buerger]

## I73.8

## Other specified peripheral vascular diseases

Acrocyanosis  
 Acroparaesthesia:  
 - simple [Schulze's type]  
 - vasomotor [Notnagel's type]

Erythrocytosis

Erythromelalgia

## I73.9

## Peripheral vascular disease, unspecified

Intermittent claudication  
 Spasm of artery

## I70.

## Atherosclerosis

Includes: arteriosclerosis

arteriosclerosis  
 arteriosclerotic vascular disease

atheroma  
 degeneration:  
 - arterial  
 - arteriovascular  
 - vascular  
 endarteritis deformans or obliterans  
 senile;  
 - arteritis  
 - endarteritis

The following supplementary classification to indicate the presence or absence of gangrene is provided for optional use.

0 without gangrene  
 1 with gangrene

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

Excludes: cerebral (I67.2)

coronary (I25.1)

mesenteric (K55.1)

pulmonary (I27.0)

## I71.

## Aortic aneurysm and dissection

## I71.0

## Dissection of aorta [any part]

Dissecting aneurysm of aorta (ruptured) [any part]

## I71.1

## Thoracic aortic aneurysm, ruptured

Thoracic aortic aneurysm, ruptured

## I71.2

## Thoracic aortic aneurysm, without mention of rupture

Thoracic aortic aneurysm, without mention of rupture

## I71.3

## Abdominal aortic aneurysm, ruptured

Abdominal aortic aneurysm, ruptured

## I71.4

## Abdominal aortic aneurysm, without mention of rupture

Abdominal aortic aneurysm, without mention of rupture

## I71.5

## Thoracoabdominal aortic aneurysm, ruptured

Thoracoabdominal aortic aneurysm, ruptured

## I71.8

## Thoracoabdominal aortic aneurysm, without mention of rupture

Thoracoabdominal aortic aneurysm, without mention of rupture

Rupture of aorta NOS

Aortic aneurysm of unspecified site, ruptured

Aortic aneurysm of unspecified site, without mention of rupture

Aneurysm

Dilatation

Hyaline necrosis

of aorta

**172 Other aneurysm and dissection**

Includes: aneurysm (disoid)(false)(ruptured)

- Excludes: aneurysm (of):
- aorta (I71.-)
  - arteriovenous NOS (Q27.3)
  - acquired (I77.0)
  - cerebral (nonruptured) (I67.1)
  - ruptured (I60.-)
  - coronary (I25.4)
  - heart (I25.3)
  - pulmonary artery (I28.1)
  - retinal (I35.0)
  - varicose (I77.0)

dissection of precerebral artery, congenital (nonruptured) Q28.1)

- 172.0 Aneurysm and dissection of carotid artery
- 172.1 Aneurysm and dissection of artery of upper extremity
- 172.2 Aneurysm and dissection of renal artery
- 172.3 Aneurysm and dissection of ilio artery
- 172.4 Aneurysm and dissection of artery of lower extremity
- 172.5 Aneurysm and dissection of other precerebral arteries

Excludes: Aneurysm and dissection of:

- carotid artery (I72.0)
  - vertebral artery (I72.6)
- 172.6 Aneurysm and dissection of vertebral artery
- 172.8 Aneurysm and dissection of other specified arteries
- 172.9 Aneurysm and dissection of unspecified site

**177 Other disorders of arteries and arterioles**

Excludes: collagen (vascular) diseases (M30-M36)

- hypersensitivity angitis (M31.0)
- pulmonary artery (I28.-)
- 177.0 Arteriovenous fistula, acquired
- Aneurysmal varix
- Arteriovenous aneurysm, acquired
- Excludes: arteriovenous aneurysm NOS (Q27.3)
- cerebral (I67.1)
- coronary (I25.4)
- traumatic — see injury of blood vessel by body region.

177.1 Stricture of artery

177.2 Rupture of artery

Fistula of artery

Excludes: traumatic rupture of artery — see injury of blood vessel by body region.

177.3 Arterial fibromuscular dysplasia

177.4 Coeliac artery compression syndrome

177.5 Necrosis of artery

177.6 A-teritis, unspecified

Aortitis NOS

Endarteritis NOS

Excludes: arteritis or endarteritis:

- aortic arch [Takayasu] (M31.4)
- cerebral NEC (I67.7)
- coronary (I25.8)
- deformans (I70.-)
- giant cell (M31.5-M31.6)
- obliterans (I70.-)
- senile (I70.-)

177.8 Other specified disorders of arteries and arterioles

Erosion of artery

Ulcer of artery

177.9 Disorder of arteries and arterioles, unspecified

**178 Diseases of capillaries**

178.0 Hereditary hemorrhagic telangiectasia

Rendu-Osler-Weber disease

178.1 Naevus, non-neoplastic

Naevus:

**172 Other aneurysm and dissection**

Includes: aneurysm (disoid)(false)(ruptured)

- Excludes: aneurysm (of):
- aorta (I71.-)
  - arteriovenous NOS (Q27.3)
  - acquired (I77.0)
  - cerebral (nonruptured) (I67.1)
  - ruptured (I60.-)
  - coronary (I25.4)
  - heart (I25.3)
  - pulmonary artery (I28.1)
  - retinal (I35.0)
  - varicose (I77.0)

dissection of precerebral artery, congenital (nonruptured) Q28.1)

172.0 Aneurysm and dissection of carotid artery

172.1 Aneurysm and dissection of artery of upper extremity

172.2 Aneurysm and dissection of renal artery

172.3 Aneurysm and dissection of ilio artery

172.4 Aneurysm and dissection of artery of lower extremity

172.5 Aneurysm and dissection of other precerebral arteries

Excludes: Aneurysm and dissection of:

- carotid artery (I72.0)
  - vertebral artery (I72.6)
- 172.6 Aneurysm and dissection of vertebral artery
- 172.8 Aneurysm and dissection of other specified arteries
- 172.9 Aneurysm and dissection of unspecified site

**177 Other disorders of arteries and arterioles**

Excludes: collagen (vascular) diseases (M30-M36)

- hypersensitivity angitis (M31.0)
- pulmonary artery (I28.-)
- 177.0 Arteriovenous fistula, acquired
- Aneurysmal varix
- Arteriovenous aneurysm, acquired
- Excludes: arteriovenous aneurysm NOS (Q27.3)
- cerebral (I67.1)
- coronary (I25.4)
- traumatic — see injury of blood vessel by body region.

177.1 Stricture of artery

177.2 Rupture of artery

Fistula of artery

Excludes: traumatic rupture of artery — see injury of blood vessel by body region.

177.3 Arterial fibromuscular dysplasia

177.4 Coeliac artery compression syndrome

177.5 Necrosis of artery

177.6 Arteritis, unspecified

Aortitis NOS

Endarteritis NOS

Excludes: arteritis or endarteritis:

- aortic arch [Takayasu] (M31.4)
- cerebral NEC (I67.7)
- coronary (I25.8)
- deformans (I70.-)
- giant cell (M31.5-M31.6)
- obliterans (I70.-)
- senile (I70.-)

177.8 Other specified disorders of arteries and arterioles

Erosion of artery

Ulcer of artery

177.9 Disorder of arteries and arterioles, unspecified

**178 Diseases of capillaries**

178.0 Hereditary hemorrhagic telangiectasia

Rendu-Osler-Weber disease

178.1 Naevus, non-neoplastic

Naevus:

- araneus
- spider
- stellar

Excludes: nevus:

- NOS (D22.-)
- blue (D22.-)
- flammeus (Q82.5)
- hairy (D22.-)
- melanocytic (D22.-)
- pigmented (D22.-)
- portwine (Q82.5)
- sanguineus (Q82.5)
- strawberry (Q82.5)
- vascular NOS (Q82.5)
- verrucosus (Q82.5)

**178.8** Other diseases of capillaries

**178.9** Disease of capillaries, unspecified

**179\*** Disorders of aortas, arterioles and capillaries in diseases classified elsewhere

**179.0\*** Aneurysm of aorta in diseases classified elsewhere

Syphilitic aneurysm of aorta (A52.01)

**179.1\*** Aortitis in diseases classified elsewhere

Syphilitic aortitis (A52.01)

**179.2\*** Peripheral angiopathy in diseases classified elsewhere

Diabetic peripheral angiopathy (E10-E14) with common fourth character, 5)

**179.8\*** Other disorders of arterioles, arterioles and capillaries in diseases classified elsewhere

Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified

(180-189)

**180** Phlebitis and thrombophlebitis

Includes: endophlebitis

- inflammation, vein
- periphlebitis
- suppurative phlebitis

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: phlebitis and thrombophlebitis (0):

- complicating:
  - abortion or ectopic or molar pregnancy (O09-O07, O08.7)
  - pregnancy, childbirth and the puerperium (O22.-, O87.-)
- intracranial and intraspinal, septic or NOS (G08)
- intracranial, nonpyogenic (I67.6)
- intraspinal, nonpyogenic (G95.1)
- portal (vein) (K75.1)
- postphlebitic syndrome (I87.0)
- thrombophlebitis migrans (I82.1)

**180.0** Phlebitis and thrombophlebitis of superficial vessels of lower extremities

**180.1** Phlebitis and thrombophlebitis of femoral vein

**180.2** Phlebitis and thrombophlebitis of other deep vessels of lower extremities

Deep vein thrombosis NOS

**180.3** Phlebitis and thrombophlebitis of lower extremities, unspecified

Embolism or thrombosis of lower extremity NOS

**180.8** Phlebitis and thrombophlebitis of other sites

**180.9** Phlebitis and thrombophlebitis of unspecified site

**182** Other venous embolism and thrombosis

Excludes: venous embolism and thrombosis (0):

- cerebral (I63.5, I67.6)
- complicating:
  - abortion or ectopic or molar pregnancy (O09-O07, O08.7)
  - pregnancy, childbirth and the puerperium (O22.-, O87.-)
- coronary (I21-I25)
- intracranial and intraspinal, septic or NOS (G08)
- intracranial, nonpyogenic (I67.6)
- intraspinal, nonpyogenic (G95.1)
- lower extremities (180.-)
- mesenteric (K55.0)
- portal (I81)
- pulmonary (I26.-)

- araneus
- spider
- stellar

Excludes: nevus:

- NOS (D22.-)
- blue (D22.-)
- flammeus (Q82.5)
- hairy (D22.-)
- melanocytic (D22.-)
- pigmented (D22.-)
- portwine (Q82.5)
- sanguineus (Q82.5)
- strawberry (Q82.5)
- vascular NOS (Q82.5)
- verrucosus (Q82.5)

**178.8** Other diseases of capillaries

**178.9** Disease of capillaries, unspecified

**179\*** Disorders of aortas, arterioles and capillaries in diseases classified elsewhere

**179.0\*** Aneurysm of aorta in diseases classified elsewhere

Syphilitic aneurysm of aorta (A52.01)

**179.1\*** Aortitis in diseases classified elsewhere

Syphilitic aortitis (A52.01)

**179.2\*** Peripheral angiopathy in diseases classified elsewhere

Diabetic peripheral angiopathy (E10-E14) with common fourth character, 5)

**179.8\*** Other disorders of arterioles, arterioles and capillaries in diseases classified elsewhere

Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified

(180-189)

**180** Phlebitis and thrombophlebitis

Includes: endophlebitis

- inflammation, vein
- periphlebitis
- suppurative phlebitis

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: phlebitis and thrombophlebitis (0):

- complicating:
  - abortion or ectopic or molar pregnancy (O09-O07, O08.7)
  - pregnancy, childbirth and the puerperium (O22.-, O87.-)
- intracranial and intraspinal, septic or NOS (G08)
- intracranial, nonpyogenic (I67.6)
- intraspinal, nonpyogenic (G95.1)
- portal (vein) (K75.1)
- postphlebitic syndrome (I87.0)
- thrombophlebitis migrans (I82.1)

**180.0** Phlebitis and thrombophlebitis of superficial vessels of lower extremities

**180.1** Phlebitis and thrombophlebitis of femoral vein

**180.2** Phlebitis and thrombophlebitis of other deep vessels of lower extremities

Deep vein thrombosis NOS

**180.3** Phlebitis and thrombophlebitis of lower extremities, unspecified

Embolism or thrombosis of lower extremity NOS

**180.8** Phlebitis and thrombophlebitis of other sites

**180.9** Phlebitis and thrombophlebitis of unspecified site

**182** Other venous embolism and thrombosis

Excludes: venous embolism and thrombosis (0):

- cerebral (I63.5, I67.6)
- complicating:
  - abortion or ectopic or molar pregnancy (O09-O07, O08.7)
  - pregnancy, childbirth and the puerperium (O22.-, O87.-)
- coronary (I21-I25)
- intracranial and intraspinal, septic or NOS (G08)
- intracranial, nonpyogenic (I67.6)
- intraspinal, nonpyogenic (G95.1)
- lower extremities (180.-)
- mesenteric (K55.0)
- portal (I81)
- pulmonary (I26.-)

182.1 Thrombophlebitis migrans  
 182.2 Embolism and thrombosis of vena cava  
 182.3 Embolism and thrombosis of renal vein  
 182.4 Embolism and thrombosis of other specified veins  
 182.9 Embolism and thrombosis of unspecified vein  
 Embolism of vein NOS  
 Thrombosis (vein) NOS

**183 Varicose veins of lower extremities**

Excludes: complicating:

- pregnancy (O22.0)
- puerperium (O87.8)

183.0 **Varicose veins of lower extremities with ulcer**  
 Any condition in 183.9 with ulcer or specified as ulcerated  
 Varicose ulcer (lower extremity, any part)  
 183.1 **Varicose veins of lower extremities with inflammation**  
 Any condition in 183.9 with inflammation or specified as inflamed  
 Stasis dermatitis NOS  
 183.2 **Varicose veins of lower extremities with both ulcer and inflammation**  
 Any condition in 183.9 with both ulcer and inflammation  
 183.9 **Varicose veins of lower extremities without ulcer or inflammation**  
 Phlebectasia  
 Varicose veins  
 Varix  
 of lower extremity [any part] or of unspecified site

**184 Varicose veins of other sites**

Excludes: retinal varices (H35.0)  
 varicose veins of unspecified site (183.9)

184.0 Sublingual varices  
 184.1 Scrotal varices  
 Varicocele  
 184.2 Pelvic varices  
 184.3 Vulval varices  
 Excludes: complicating:  
 · childbirth and the puerperium (O87.8)  
 · pregnancy (O22.1)  
 184.4 **Gastric varices**  
 184.5 **Varicose veins of other specified sites**  
 Varicose ulcer of nasal septum

**185 Other disorders of veins**

185.0 **Postthrombotic syndrome**  
 Postphlebotic syndrome  
 185.1 **Compression of vein**  
 Stricture of vein  
 Vena cava syndrome (inferior/superior)  
 Excludes: pulmonary (I28.8)  
 185.2 **Venous insufficiency (chronic/peripheral)**  
 185.8 **Other specified disorders of veins**  
 185.9 **Disorder of vein, unspecified**

**186 Nonspecific lymphadenitis**

Excludes: acute lymphadenitis, except mesenteric (L04.-)  
 enlarged lymph nodes NOS (R89.-)

186.0 **Nonspecific mesenteric lymphadenitis**  
 human immunodeficiency virus [HIV] disease resulting in generalized lymphadenopathy (B23.1)  
 Mesenteric lymphadenitis (acute/chronic)  
 186.1 **Chronic lymphadenitis, except mesenteric**  
 Adenitis  
 Lymphadenitis  
 chronic, any lymph node except mesenteric  
 186.8 **Other nonspecific lymphadenitis**  
 186.9 **Nonspecific lymphadenitis, unspecified**  
 Lymphadenitis NOS

**187 Other noninfective disorders of lymphatic vessels and lymph nodes**

Excludes: chyloweic:  
 · filarial (B74.-)  
 · tunica vaginalis (nonfilarial) NOS (N50.8)

182.1 Thrombophlebitis migrans  
 182.2 Embolism and thrombosis of vena cava  
 182.3 Embolism and thrombosis of renal vein  
 182.4 Embolism and thrombosis of other specified veins  
 182.9 Embolism and thrombosis of unspecified vein  
 Embolism of vein NOS  
 Thrombosis (vein) NOS

**183 Varicose veins of lower extremities**

Excludes: complicating:

- pregnancy (O22.0)
- puerperium (O87.8)

183.0 **Varicose veins of lower extremities with ulcer**  
 Any condition in 183.9 with ulcer or specified as ulcerated  
 Varicose ulcer (lower extremity, any part)  
 183.1 **Varicose veins of lower extremities with inflammation**  
 Any condition in 183.9 with inflammation or specified as inflamed  
 Stasis dermatitis NOS  
 183.2 **Varicose veins of lower extremities with both ulcer and inflammation**  
 Any condition in 183.9 with both ulcer and inflammation  
 183.9 **Varicose veins of lower extremities without ulcer or inflammation**  
 Phlebectasia  
 Varicose veins  
 Varix  
 of lower extremity [any part] or of unspecified site

**184 Varicose veins of other sites**

Excludes: retinal varices (H35.0)  
 varicose veins of unspecified site (183.9)

184.0 Sublingual varices  
 184.1 Scrotal varices  
 Varicocele  
 184.2 Pelvic varices  
 184.3 Vulval varices  
 Excludes: complicating:  
 · childbirth and the puerperium (O87.8)  
 · pregnancy (O22.1)  
 184.4 **Gastric varices**  
 184.5 **Varicose veins of other specified sites**  
 Varicose ulcer of nasal septum

**185 Other disorders of veins**

185.0 **Postthrombotic syndrome**  
 Postphlebotic syndrome  
 185.1 **Compression of vein**  
 Stricture of vein  
 Vena cava syndrome (inferior/superior)  
 Excludes: pulmonary (I28.8)  
 185.2 **Venous insufficiency (chronic/peripheral)**  
 185.8 **Other specified disorders of veins**  
 185.9 **Disorder of vein, unspecified**

**186 Nonspecific lymphadenitis**

Excludes: acute lymphadenitis, except mesenteric (L04.-)  
 enlarged lymph nodes NOS (R89.-)

186.0 **Nonspecific mesenteric lymphadenitis**  
 human immunodeficiency virus [HIV] disease resulting in generalized lymphadenopathy (B23.1)  
 Mesenteric lymphadenitis (acute/chronic)  
 186.1 **Chronic lymphadenitis, except mesenteric**  
 Adenitis  
 Lymphadenitis  
 chronic, any lymph node except mesenteric  
 186.8 **Other nonspecific lymphadenitis**  
 186.9 **Nonspecific lymphadenitis, unspecified**  
 Lymphadenitis NOS

**187 Other noninfective disorders of lymphatic vessels and lymph nodes**

Excludes: chyloweic:  
 · filarial (B74.-)  
 · tunica vaginalis (nonfilarial) NOS (N50.8)

enlarged lymph nodes NOS (R59.-)  
 hereditary lymphoedema (Q82.0)  
 postmastectomy lymphoedema (I97.2)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**

- 189.0 Lymphoedema, not elsewhere classified  
 Lymphangiectasis  
 Lymphangitis:  
 - NOS  
 - chronic  
 - subacute  
 Excludes: acute lymphangitis (L03.-)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**  
 Lymphoedema, not elsewhere classified  
 Lymphangitis:  
 - NOS  
 - chronic  
 - subacute  
 Excludes: acute lymphangitis (L03.-)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**  
 Lipomelanotic reticulosis  
 Noninfective disorder of lymphatic vessels and lymph nodes, unspecified  
 Disease of lymphatic vessels NOS

Other and unspecified disorders of the circulatory system  
 (I95-I99)

**I95 Hypotension and syncope**

Excludes: cardiovascular collapse (R57.9)  
 maternal hypotension syndrome (O26.5)  
 nonspecific low blood pressure reading NOS (R03.1)

- 195.0 Idiopathic hypotension  
 195.1 Orthostatic hypotension  
 Hypotension, postural  
 Excludes: neurogenic orthostatic hypotension [Shy-Drager] (G90.3)  
 195.2 Hypotension due to drugs  
 Use additional external cause code (Chapter XX), if desired, to identify drug.  
 195.3 Syncope  
 Excludes: without syncope (I95.1)  
 : neurologic / cerebrovascular  
 : metabolic  
 Subclavian steal  
 Orthostatic hypotension  
 Neurally mediated syncope / vasovagal syncope  
 Carotid sinus hypersensitivity  
 Situational (cough, defecation, micturition, swallow)  
 Glossopharyngeal syncope  
 Trigeminal neuralgia  
 Other hypotension  
 Chronic hypotension  
 Hypotension, unspecified

**I97 Postprocedural disorders of circulatory system, not elsewhere classified**

Excludes: postoperative shock (T81.1)  
 Postcardiotomy syndrome  
 Other functional disturbances following cardiac surgery following cardiac surgery or due to presence of cardiac prosthesis  
 Cardiac insufficiency )  
 Heart failure )  
 Postmastectomy lymphoedema syndrome )  
 Elephaniasis )  
 Obliteration of lymphatic vessels )  
 due to mastectomy  
 Other postprocedural disorders of circulatory system, not elsewhere classified  
 Postprocedural disorder of circulatory system, unspecified

**I98\* Other disorders of circulatory system in diseases classified elsewhere**

Excludes: disorders classified to other asterisk categories within this chapter  
 Cardiovascular syphilis  
 Cardiovascular syphilis:  
 - NOS (A52.0T)  
 - congenital, late (A50.5T)  
 Cardiovascular disorders in other infectious and parasitic diseases classified elsewhere  
 Cardiovascular:  
 - involvement NEC, in Chagas' disease (chronic) (B57.2T)  
 - lesions of pinta [Carate] (A67.2T)

Other and unspecified disorders of circulatory system

enlarged lymph nodes NOS (R59.-)  
 hereditary lymphoedema (Q82.0)  
 postmastectomy lymphoedema (I97.2)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**

- 189.0 Lymphoedema, not elsewhere classified  
 Lymphangiectasis  
 Lymphangitis:  
 - NOS  
 - chronic  
 - subacute  
 Excludes: acute lymphangitis (L03.-)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**  
 Lymphoedema, not elsewhere classified  
 Lymphangitis:  
 - NOS  
 - chronic  
 - subacute  
 Excludes: acute lymphangitis (L03.-)  
**Other specified noninfective disorders of lymphatic vessels and lymph nodes**  
 Lipomelanotic reticulosis  
 Noninfective disorder of lymphatic vessels and lymph nodes, unspecified  
 Disease of lymphatic vessels NOS

Other and unspecified disorders of the circulatory system  
 (I95-I99)

**I95 Hypotension**

Excludes: cardiovascular collapse (R57.9)  
 maternal hypotension syndrome (O26.5)  
 nonspecific low blood pressure reading NOS (R03.1)

- 195.0 Idiopathic hypotension  
 195.1 Orthostatic hypotension  
 Hypotension, postural  
 Excludes: neurogenic orthostatic hypotension [Shy-Drager] (G90.3)  
 195.2 Hypotension due to drugs  
 Use additional external cause code (Chapter XX), if desired, to identify drug.  
 195.8 Other hypotension  
 Chronic hypotension  
 Hypotension, unspecified

**I97 Postprocedural disorders of circulatory system, not elsewhere classified**

Excludes: postoperative shock (T81.1)  
 Postcardiotomy syndrome  
 Other functional disturbances following cardiac surgery following cardiac surgery or due to presence of cardiac prosthesis  
 Cardiac insufficiency )  
 Heart failure )  
 Postmastectomy lymphoedema syndrome )  
 Elephaniasis )  
 Obliteration of lymphatic vessels )  
 due to mastectomy  
 Other postprocedural disorders of circulatory system, not elsewhere classified  
 Postprocedural disorder of circulatory system, unspecified

**I98\* Other disorders of circulatory system in diseases classified elsewhere**

Excludes: disorders classified to other asterisk categories within this chapter  
 Cardiovascular syphilis  
 Cardiovascular syphilis:  
 - NOS (A52.0T)  
 - congenital, late (A50.5T)  
 Cardiovascular disorders in other infectious and parasitic diseases classified elsewhere  
 Cardiovascular:  
 - involvement NEC, in Chagas' disease (chronic) (B57.2T)  
 - lesions of pinta [Carate] (A67.2T)

Other and unspecified disorders of circulatory system



**189.0 Primary cardiac tumor, benign**  
 myxoma  
 lipoma, lipomatous hypertrophy of atrial septum  
 papillary fibroelastoma  
 rhabdomyoma  
 fibroma  
 hemangioma, lymphangioma  
 teratoma  
 mesothelioma of AV node, cystic tumor of AV node  
 granular cell tumor  
 neurofibroma

**189.1 Primary cardiac tumor, malignant**  
 angiosarcoma  
 rhabdomyosarcoma  
 mesothelioma  
 fibrosarcoma, malignant, fibrous histiocytoma  
 malignant lymphoma  
 extraskeletal osteosarcoma  
 thymoma  
 neurogenic sarcoma  
 leiomyosarcoma  
 liposarcoma  
 spindle sarcoma

**189.2 Primary cardiac tumor, metastatic or direct invasion**

Items that are going to be abstracted to sections under different TMs

-> to infectious disease WC/TAG? **Acute rheumatic fever (100-102)**  
 Rheumatic fever without mention of heart involvement  
 Arthritis, pharyngitis, nodules or splenitis

-> I60-69 all to neurology WC? **Cerebrovascular diseases (160-189)**  
 Cerebrovascular diseases  
 I60-I69

Inclusion with mention of hemorrhage, formation, in I60 and I61.7  
 Use addition of code, if desired, to denote presence of ligature, suture,  
 Excisional, ligation, cerebral ligation, stroke, and related syndromes (I61.0-1)  
 traumatic intracranial hemorrhage (S06.0-2)  
 vascular dementia (F01.0-2)

**I60 Subarachnoid hemorrhage**  
 Includes: ruptured cerebral aneurysm  
 Excludes: rupture of subarachnoid hemorrhage (I60.0)  
 Subarachnoid hemorrhage from craniat cephalic and bifurcation  
 Subarachnoid hemorrhage from middle cerebral artery  
 Subarachnoid hemorrhage from anterior communicating artery  
 Subarachnoid hemorrhage from posterior communicating artery  
 Subarachnoid hemorrhage from basilar artery  
 Subarachnoid hemorrhage from vertebral artery  
 Subarachnoid hemorrhage from other intracranial arteries  
 Multiple involvement of intracranial arteries  
 Subarachnoid hemorrhage from intracranial artery, unspecified  
 Papillary (epineurial) berry aneurysm (M45)  
 Subarachnoid hemorrhage from:  
 - cerebral artery (M75)  
 - communicating?

**I61 Intracerebral hemorrhage**  
 Includes: subarachnoid hemorrhage  
 Excludes: rupture of subarachnoid hemorrhage (I60.0)  
 Subarachnoid hemorrhage from craniat cephalic and bifurcation  
 Subarachnoid hemorrhage from middle cerebral artery  
 Subarachnoid hemorrhage from anterior communicating artery  
 Subarachnoid hemorrhage from posterior communicating artery  
 Subarachnoid hemorrhage from basilar artery  
 Subarachnoid hemorrhage from vertebral artery  
 Subarachnoid hemorrhage from other intracranial arteries  
 Multiple involvement of intracranial arteries  
 Subarachnoid hemorrhage from intracranial artery, unspecified  
 Papillary (epineurial) berry aneurysm (M45)  
 Subarachnoid hemorrhage from:  
 - cerebral artery (M75)  
 - communicating?

**I62 Other subarachnoid hemorrhages**  
 Meningeal hemorrhage  
 Rupture of cerebral extra-vascular malformation  
 Subarachnoid hemorrhage, unspecified  
 Intracerebral cerebral aneurysm (M75)

**I63 Intracerebral hemorrhage**  
 Excludes: rupture of intracerebral hemorrhage (I60.1)  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I64 Ischemic stroke, of unspecified hemisphere (I69.1)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I65 Ischemic stroke, of specified hemisphere (I69.2)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I66 Ischemic stroke, of unspecified hemisphere (I69.3)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I67 Ischemic stroke, of specified hemisphere (I69.4)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I68 Ischemic stroke, of specified hemisphere (I69.5)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

**I69 Unspecified stroke (I69.6)**  
 Intracerebral hemorrhage in hemiparesis, tuberculoma  
 Post-traumatic hemorrhage  
 Intracerebral hemorrhage in hemorrhagic cerebral  
 Cerebral lake, hemorrhage

Spontaneous intracerebral hemorrhage

I61.2 Intracerebral hemorrhage in hemisphere, unspecified

I61.3 Intracerebral hemorrhage in brain stem

I61.4 Intracerebral hemorrhage in cerebellum

I61.5 Intracerebral hemorrhage, intraventricular

I61.6 Intracerebral hemorrhage, multiple localized

I61.8 Other intracerebral hemorrhage

I61.9 Intracerebral hemorrhage, unspecified

**Cerebrovascular diseases (I60–I69)**

I62 Other intracerebral hemorrhage

Excludes: aneurysm of intracerebral hemorrhage (I60.0)

I62.0 Subarachnoid hemorrhage (fatal) (nontraumatic)

I62.1 Nontraumatic intracerebral hemorrhage

I62.9 Nontraumatic intracerebral hemorrhage, unspecified

**Cerebrovascular diseases (I60–I69)**

I63 Cerebral infarction

Includes: aneurysm and stenosis of cerebral and precerebral arteries, resulting in cerebral infarction

Excludes: aneurysm of cerebral infarction (I60.3)

I63.0 Cerebral infarction due to thrombosis of precerebral artery

I63.1 Cerebral infarction due to embolism of precerebral artery

I63.2 Cerebral infarction due to unspecified occlusion or stenosis of precerebral artery

I63.3 Cerebral infarction due to thrombosis of cerebral arteries

I63.4 Cerebral infarction due to embolism of cerebral arteries

I63.5 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries

I63.6 Cerebral infarction due to cerebral venous thrombosis, nonpyogenic

I63.8 Other cerebral infarction

I63.9 Cerebral infarction, unspecified

**Cerebrovascular diseases (I60–I69)**

I64 Status and sequelae (transient or permanent) of cerebrovascular ischemia

Excludes: sequelae of stroke (I60.3)

**Cerebrovascular diseases (I60–I69)**

I65 Occlusion and stenosis of vertebral arteries and resulting in cerebral infarction

Includes:

- embolism
- occlusion
- stenosis
- thrombosis

Excludes: occlusion and stenosis of vertebral artery

I65.0 Occlusion and stenosis of vertebral artery

I65.1 Occlusion and stenosis of basilar artery

I65.2 Occlusion and stenosis of cerebellar artery

I65.3 Occlusion and stenosis of multiple and bilateral precerebral arteries

I65.8 Occlusion and stenosis of other precerebral artery

I65.9 Precerebral artery, NOS

**Cerebrovascular diseases (I60–I69)**

I66 Occlusion and stenosis of cerebral arteries and resulting in cerebral infarction

Includes:

- embolism
- occlusion
- stenosis
- thrombosis

Excludes: aneurysm of cerebral infarction (I60.3)

I66.0 Occlusion and stenosis of middle cerebral artery

I66.1 Occlusion and stenosis of anterior cerebral artery

I66.2 Occlusion and stenosis of posterior cerebral artery

I66.3 Occlusion and stenosis of cerebellar arteries

I66.4 Occlusion and stenosis of multiple and bilateral cerebral arteries

I66.8 Occlusion and stenosis of other cerebral artery

I66.9 Occlusion and stenosis of unspecified cerebral artery

**Cerebrovascular diseases (I60–I69)**

I67 Other cerebrovascular diseases

Excludes: aneurysm of the brain (I60.0)

I67.0 Ischemia of cerebral arteries, nontraumatic

I67.1 Ischemia: unspecified cerebral artery (see I67.2)

I67.2 Cerebral aneurysm, nontraumatic

I67.3 Cerebral



- ulcerated
- B44.2 Internal hemorrhoids, without complication
- B44.3 Internal hemorrhoids, NOS
- B44.3 External thrombotic hemorrhoids
- B44.3 Prolapsed thromboses
- B44.4 External hemorrhoids, nontraumatic
- B44.4 External hemorrhoids with other complications
  - bleeding
  - prolapsed
  - strangulated
  - external
- B44.5 External hemorrhoids without complication
- B44.6 External hemorrhoids, NOS
- B44.6 Residual hemorrhoidal skin tags
- B44.6 Skin tags of anal or rectum
- B44.7 Unspecified thrombotic hemorrhoids
- B44.8 Thrombotic hemorrhoids, unspecified whether internal or external
- B44.8 Unspecified hemorrhoids with other complications
  - bleeding
  - prolapsed
  - strangulated
  - external
- B44.9 Unspecified hemorrhoids without complication
- B44.9 Hemorrhoids, NOS

→10 CI W67

- B45.0 Genitourinary system
- B45.0 Genitourinary tumors with bleeding
- B45.0 Genitourinary tumors without bleeding
- B45.0 Genitourinary tumors NOS

→10 CI W67

- B45.2 Genitourinary tumors without bleeding, not elsewhere classified
- B45.2 Genitourinary tumors, NOS
- B45.2 Genitourinary tumors with bleeding
- B45.2 Genitourinary tumors without bleeding
- B45.2 Genitourinary tumors NOS

B46.8

- B46.8 Genitourinary tumors with bleeding, not elsewhere classified
- B46.8 Genitourinary tumors without bleeding, not elsewhere classified
- B46.8 Genitourinary tumors, NOS
- B46.8 Genitourinary tumors with bleeding
- B46.8 Genitourinary tumors without bleeding
- B46.8 Genitourinary tumors NOS

B46.84

- B46.84 Other specified disorders of the circulatory system in diseases classified elsewhere
- B46.84 Other and unspecified disorders of the circulatory system (I05-I09)
- B46.84 Other and unspecified disorders of the circulatory system (I05-I09)

Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified (I05-I09)

Other and unspecified disorders of the circulatory system (I05-I09)

Other and unspecified disorders of the circulatory system (I05-I09)