

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78451	78454	I20.0	I20.0	Unstable angina
78451	78454	I20.1	I20.1	Angina pectoris with documented spasm
78451	78454	I20.8	I20.8	Other forms of angina pectoris
78451	78454	I20.9	I20.9	Angina pectoris, unspecified
78451	78454	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78451	78454	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78451	78454	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78451	78454	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78451	78454	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78451	78454	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78451	78454	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78451	78454	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78451	78454	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
78451	78454	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78451	78454	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78451	78454	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78451	78454	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78451	78454	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78451	78454	I23.0	I23.0	Hemopericardium as current complication following acute myocardial infarction
78451	78454	I23.3	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
78451	78454	I23.4	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
78451	78454	I23.5	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
78451	78454	I23.6	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
78451	78454	I23.7	I23.7	Postinfarction angina
78451	78454	I23.8	I23.8	Other current complications following acute myocardial infarction
78451	78454	I24.0	I24.0	Acute coronary thrombosis not resulting in myocardial infarction
78451	78454	I24.8	I24.8	Other forms of acute ischemic heart disease
78451	78454	I24.9	I24.9	Acute ischemic heart disease, unspecified
78451	78454	I25.10	I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
78451	78454	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
78451	78454	I25.111	I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
78451	78454	I25.118	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
78451	78454	I25.119	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
78451	78454	I25.2	I25.2	Old myocardial infarction
78451	78454	I25.3	I25.3	Aneurysm of heart
78451	78454	I25.41	I25.41	Coronary artery aneurysm
78451	78454	I25.42	I25.42	Coronary artery dissection
78451	78454	I25.5	I25.5	Ischemic cardiomyopathy
78451	78454	I25.6	I25.6	Silent myocardial ischemia
78451	78454	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
78451	78454	I25.701	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
78451	78454	I25.708	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
78451	78454	I25.709	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
78451	78454	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
78451	78454	I25.711	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
78451	78454	I25.718	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
78451	78454	I25.719	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
78451	78454	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
78451	78454	I25.721	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
78451	78454	I25.728	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
78451	78454	I25.729	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
78451	78454	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
78451	78454	I25.731	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
78451	78454	I25.738	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
78451	78454	I25.739	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
78451	78454	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
78451	78454	I25.751	I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
78451	78454	I25.758	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
78451	78454	I25.759	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
78451	78454	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
78451	78454	I25.761	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
78451	78454	I25.768	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
78451	78454	I25.769	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
78451	78454	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78451	78454	I25.791	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
78451	78454	I25.798	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
78451	78454	I25.799	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
78451	78454	I25.810	I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
78451	78454	I25.811	I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
78451	78454	I25.812	I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
78451	78454	I25.82	I25.82	Chronic total occlusion of coronary artery
78451	78454	I25.83	I25.83	Coronary atherosclerosis due to lipid rich plaque
78451	78454	I25.89	I25.89	Other forms of chronic ischemic heart disease
78451	78454	I25.9	I25.9	Chronic ischemic heart disease, unspecified
78451	78454	I46.2	I46.2	Cardiac arrest due to underlying cardiac condition
78451	78454	I46.8	I46.8	Cardiac arrest due to other underlying condition
78451	78454	I46.9	I46.9	Cardiac arrest, cause unspecified
78451	78454	I47.0	I47.0	Re-entry ventricular arrhythmia
78451	78454	I47.2	I47.2	Ventricular tachycardia
78451	78454	I47.9	I47.9	Paroxysmal tachycardia, unspecified
78451	78454	I49.01	I49.01	Ventricular fibrillation
78451	78454	I49.02	I49.02	Ventricular flutter
78451	78454	I50.1	I50.1	Left ventricular failure
78451	78454	I50.21	I50.21	Acute systolic (congestive) heart failure
78451	78454	I50.22	I50.22	Chronic systolic (congestive) heart failure
78451	78454	I50.23	I50.23	Acute on chronic systolic (congestive) heart failure
78451	78454	I50.31	I50.31	Acute diastolic (congestive) heart failure
78451	78454	I50.32	I50.32	Chronic diastolic (congestive) heart failure
78451	78454	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
78451	78454	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
78451	78454	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
78451	78454	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
78451	78454	I51.1	I51.1	Rupture of chordae tendineae, not elsewhere classified
78451	78454	I51.2	I51.2	Rupture of papillary muscle, not elsewhere classified
78451	78454	I51.3	I51.3	Intracardiac thrombosis, not elsewhere classified
78451	78454	I51.89	I51.89	Other ill-defined heart diseases
78451	78454	I97.0	I97.0	Postcardiotomy syndrome
78451	78454	I97.110	I97.110	Postprocedural cardiac insufficiency following cardiac surgery
78451	78454	I97.111	I97.111	Postprocedural cardiac insufficiency following other surgery
78451	78454	I97.120	I97.120	Postprocedural cardiac arrest following cardiac surgery
78451	78454	I97.121	I97.121	Postprocedural cardiac arrest following other surgery
78451	78454	I97.130	I97.130	Postprocedural heart failure following cardiac surgery
78451	78454	I97.131	I97.131	Postprocedural heart failure following other surgery
78451	78454	I97.190	I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
78451	78454	I97.191	I97.191	Other postprocedural cardiac functional disturbances following other surgery
78451	78454	R06.00	R06.00	Dyspnea, unspecified
78451	78454	R06.01	R06.01	Orthopnea
78451	78454	R06.02	R06.02	Shortness of breath
78451	78454	R06.09	R06.09	Other forms of dyspnea
78451	78454	R06.3	R06.3	Periodic breathing
78451	78454	R06.83	R06.83	Snoring
78451	78454	R06.89	R06.89	Other abnormalities of breathing
78451	78454	R07.2	R07.2	Precordial pain
78451	78454	R07.82	R07.82	Intercostal pain
78451	78454	R07.89	R07.89	Other chest pain
78451	78454	R94.31	R94.31	Abnormal electrocardiogram [ECG] [EKG]
78451	78454	T86.20	T86.20	Unspecified complication of heart transplant
78451	78454	T86.21	T86.21	Heart transplant rejection
78451	78454	T86.22	T86.22	Heart transplant failure
78451	78454	T86.23	T86.23	Heart transplant infection
78451	78454	T86.290	T86.290	Cardiac allograft vasculopathy
78451	78454	T86.298	T86.298	Other complications of heart transplant
78451	78454	T86.30	T86.30	Unspecified complication of heart-lung transplant
78451	78454	T86.31	T86.31	Heart-lung transplant rejection
78451	78454	T86.32	T86.32	Heart-lung transplant failure
78451	78454	T86.33	T86.33	Heart-lung transplant infection
78451	78454	T86.39	T86.39	Other complications of heart-lung transplant
78451	78454	Z01.810	Z01.810	Encounter for preprocedural cardiovascular examination

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78451	78454	Z48.21	Z48.21	Encounter for aftercare following heart transplant
78451	78454	Z48.280	Z48.280	Encounter for aftercare following heart-lung transplant
78451	78454	Z51.11	Z51.11	Encounter for antineoplastic chemotherapy
78451	78454	Z86.74	Z86.74	Personal history of sudden cardiac arrest
78451	78454	Z92.82	Z92.82	Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facility
78451	78454	Z94.1	Z94.1	Heart transplant status
78451	78454	Z94.3	Z94.3	Heart and lungs transplant status
78451	78454	Z95.1	Z95.1	Presence of aortocoronary bypass graft
78451	78454	Z95.5	Z95.5	Presence of coronary angioplasty implant and graft
78451	78454	Z98.61	Z98.61	Coronary angioplasty status
78466	78466	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78466	78466	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78466	78466	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78466	78466	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78466	78466	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78466	78466	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78466	78466	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78466	78466	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78466	78466	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
78466	78466	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78466	78466	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78466	78466	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78466	78466	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78466	78466	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78468	78469	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78468	78469	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78468	78469	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78468	78469	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78468	78469	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78468	78469	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78468	78469	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78468	78469	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78468	78469	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
78468	78469	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78468	78469	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78468	78469	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78468	78469	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78468	78469	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78468	78469	I23.0	I23.0	Hemopericardium as current complication following acute myocardial infarction
78468	78469	I23.1	I23.1	Atrial septal defect as current complication following acute myocardial infarction
78468	78469	I23.2	I23.2	Ventricular septal defect as current complication following acute myocardial infarction
78468	78469	I23.3	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
78468	78469	I23.4	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
78468	78469	I23.5	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
78468	78469	I23.6	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
78468	78469	I23.7	I23.7	Postinfarction angina
78468	78469	I23.8	I23.8	Other current complications following acute myocardial infarction
78468	78469	I24.1	I24.1	Dressler's syndrome
78468	78469	I46.2	I46.2	Cardiac arrest due to underlying cardiac condition
78468	78469	I46.8	I46.8	Cardiac arrest due to other underlying condition
78468	78469	I46.9	I46.9	Cardiac arrest, cause unspecified
78468	78469	I50.1	I50.1	Left ventricular failure
78468	78469	I50.20	I50.20	Unspecified systolic (congestive) heart failure
78468	78469	I50.21	I50.21	Acute systolic (congestive) heart failure
78468	78469	I50.22	I50.22	Chronic systolic (congestive) heart failure
78468	78469	I50.23	I50.23	Acute on chronic systolic (congestive) heart failure
78468	78469	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
78468	78469	I50.31	I50.31	Acute diastolic (congestive) heart failure
78468	78469	I50.32	I50.32	Chronic diastolic (congestive) heart failure
78468	78469	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
78468	78469	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
78468	78469	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
78468	78469	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
78468	78469	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78468	78469	I50.9	I50.9	Heart failure, unspecified
78472	78473	I05.0	I05.0	Rheumatic mitral stenosis
78472	78473	I05.1	I05.1	Rheumatic mitral insufficiency
78472	78473	I05.2	I05.2	Rheumatic mitral stenosis with insufficiency
78472	78473	I05.8	I05.8	Other rheumatic mitral valve diseases
78472	78473	I05.9	I05.9	Rheumatic mitral valve disease, unspecified
78472	78473	I06.0	I06.0	Rheumatic aortic stenosis
78472	78473	I06.1	I06.1	Rheumatic aortic insufficiency
78472	78473	I06.2	I06.2	Rheumatic aortic stenosis with insufficiency
78472	78473	I06.8	I06.8	Other rheumatic aortic valve diseases
78472	78473	I06.9	I06.9	Rheumatic aortic valve disease, unspecified
78472	78473	I07.0	I07.0	Rheumatic tricuspid stenosis
78472	78473	I07.1	I07.1	Rheumatic tricuspid insufficiency
78472	78473	I07.2	I07.2	Rheumatic tricuspid stenosis and insufficiency
78472	78473	I07.8	I07.8	Other rheumatic tricuspid valve diseases
78472	78473	I07.9	I07.9	Rheumatic tricuspid valve disease, unspecified
78472	78473	I08.0	I08.0	Rheumatic disorders of both mitral and aortic valves
78472	78473	I08.8	I08.8	Other rheumatic multiple valve diseases
78472	78473	I08.9	I08.9	Rheumatic multiple valve disease, unspecified
78472	78473	I09.0	I09.0	Rheumatic myocarditis
78472	78473	I09.81	I09.81	Rheumatic heart failure
78472	78473	I09.89	I09.89	Other specified rheumatic heart diseases
78472	78473	I09.9	I09.9	Rheumatic heart disease, unspecified
78472	78473	I11.0	I11.0	Hypertensive heart disease with heart failure
78472	78473	I13.0	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
78472	78473	I13.2	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
78472	78473	I20.0	I20.0	Unstable angina
78472	78473	I20.1	I20.1	Angina pectoris with documented spasm
78472	78473	I20.8	I20.8	Other forms of angina pectoris
78472	78473	I20.9	I20.9	Angina pectoris, unspecified
78472	78473	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78472	78473	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78472	78473	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78472	78473	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78472	78473	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78472	78473	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78472	78473	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78472	78473	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78472	78473	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
78472	78473	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78472	78473	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78472	78473	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78472	78473	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78472	78473	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78472	78473	I23.0	I23.0	Hemopericardium as current complication following acute myocardial infarction
78472	78473	I23.1	I23.1	Atrial septal defect as current complication following acute myocardial infarction
78472	78473	I23.2	I23.2	Ventricular septal defect as current complication following acute myocardial infarction
78472	78473	I23.3	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
78472	78473	I23.4	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
78472	78473	I23.5	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
78472	78473	I23.6	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
78472	78473	I23.7	I23.7	Postinfarction angina
78472	78473	I24.1	I24.1	Dressler's syndrome
78472	78473	I24.8	I24.8	Other forms of acute ischemic heart disease
78472	78473	I24.9	I24.9	Acute ischemic heart disease, unspecified
78472	78473	I25.10	I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
78472	78473	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
78472	78473	I25.111	I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
78472	78473	I25.118	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
78472	78473	I25.119	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
78472	78473	I25.2	I25.2	Old myocardial infarction
78472	78473	I25.3	I25.3	Aneurysm of heart
78472	78473	I25.41	I25.41	Coronary artery aneurysm
78472	78473	I25.42	I25.42	Coronary artery dissection

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78472	78473	I25.5	I25.5	Ischemic cardiomyopathy
78472	78473	I25.6	I25.6	Silent myocardial ischemia
78472	78473	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
78472	78473	I25.701	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
78472	78473	I25.708	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
78472	78473	I25.709	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
78472	78473	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
78472	78473	I25.711	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
78472	78473	I25.718	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
78472	78473	I25.719	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
78472	78473	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
78472	78473	I25.721	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
78472	78473	I25.728	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
78472	78473	I25.729	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
78472	78473	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
78472	78473	I25.731	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
78472	78473	I25.738	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
78472	78473	I25.739	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
78472	78473	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
78472	78473	I25.751	I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
78472	78473	I25.758	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
78472	78473	I25.759	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
78472	78473	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
78472	78473	I25.761	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
78472	78473	I25.768	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
78472	78473	I25.769	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
78472	78473	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
78472	78473	I25.791	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
78472	78473	I25.798	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
78472	78473	I25.799	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
78472	78473	I25.810	I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
78472	78473	I25.811	I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
78472	78473	I25.812	I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
78472	78473	I25.82	I25.82	Chronic total occlusion of coronary artery
78472	78473	I25.83	I25.83	Coronary atherosclerosis due to lipid rich plaque
78472	78473	I25.84	I25.84	Coronary atherosclerosis due to calcified coronary lesion
78472	78473	I25.89	I25.89	Other forms of chronic ischemic heart disease
78472	78473	I26.02	I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale
78472	78473	I26.09	I26.09	Other pulmonary embolism with acute cor pulmonale
78472	78473	I27.81	I27.81	Cor pulmonale (chronic)
78472	78473	I27.89	I27.89	Other specified pulmonary heart diseases
78472	78473	I27.9	I27.9	Pulmonary heart disease, unspecified
78472	78473	I34.0	I34.0	Nonrheumatic mitral (valve) insufficiency
78472	78473	I34.1	I34.1	Nonrheumatic mitral (valve) prolapse
78472	78473	I34.2	I34.2	Nonrheumatic mitral (valve) stenosis
78472	78473	I34.8	I34.8	Other nonrheumatic mitral valve disorders
78472	78473	I34.9	I34.9	Nonrheumatic mitral valve disorder, unspecified
78472	78473	I35.0	I35.0	Nonrheumatic aortic (valve) stenosis
78472	78473	I35.1	I35.1	Nonrheumatic aortic (valve) insufficiency
78472	78473	I35.2	I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
78472	78473	I35.8	I35.8	Other nonrheumatic aortic valve disorders
78472	78473	I35.9	I35.9	Nonrheumatic aortic valve disorder, unspecified
78472	78473	I36.0	I36.0	Nonrheumatic tricuspid (valve) stenosis
78472	78473	I36.1	I36.1	Nonrheumatic tricuspid (valve) insufficiency
78472	78473	I36.2	I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
78472	78473	I36.8	I36.8	Other nonrheumatic tricuspid valve disorders
78472	78473	I36.9	I36.9	Nonrheumatic tricuspid valve disorder, unspecified
78472	78473	I37.0	I37.0	Nonrheumatic pulmonary valve stenosis
78472	78473	I37.1	I37.1	Nonrheumatic pulmonary valve insufficiency
78472	78473	I37.2	I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
78472	78473	I37.8	I37.8	Other nonrheumatic pulmonary valve disorders
78472	78473	I37.9	I37.9	Nonrheumatic pulmonary valve disorder, unspecified
78472	78473	I40.0	I40.0	Infective myocarditis
78472	78473	I40.1	I40.1	Isolated myocarditis

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78472	78473	I40.8	I40.8	Other acute myocarditis
78472	78473	I40.9	I40.9	Acute myocarditis, unspecified
78472	78473	I41	I41	Myocarditis in diseases classified elsewhere
78472	78473	I42.0	I42.0	Dilated cardiomyopathy
78472	78473	I42.1	I42.1	Obstructive hypertrophic cardiomyopathy
78472	78473	I42.2	I42.2	Other hypertrophic cardiomyopathy
78472	78473	I42.4	I42.4	Endocardial fibroelastosis
78472	78473	I42.5	I42.5	Other restrictive cardiomyopathy
78472	78473	I42.6	I42.6	Alcoholic cardiomyopathy
78472	78473	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
78472	78473	I50.31	I50.31	Acute diastolic (congestive) heart failure
78472	78473	I50.32	I50.32	Chronic diastolic (congestive) heart failure
78472	78473	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
78472	78473	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
78472	78473	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
78472	78473	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
78472	78473	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
78472	78473	I50.9	I50.9	Heart failure, unspecified
78472	78473	I51.0	I51.0	Cardiac septal defect, acquired
78472	78473	I51.1	I51.1	Rupture of chordae tendineae, not elsewhere classified
78472	78473	I51.2	I51.2	Rupture of papillary muscle, not elsewhere classified
78472	78473	I51.3	I51.3	Intracardiac thrombosis, not elsewhere classified
78472	78473	I51.4	I51.4	Myocarditis, unspecified
78472	78473	I51.5	I51.5	Myocardial degeneration
78472	78473	I51.7	I51.7	Cardiomegaly
78472	78473	I51.81	I51.81	Takotsubo syndrome
78472	78473	I51.89	I51.89	Other ill-defined heart diseases
78472	78473	I51.9	I51.9	Heart disease, unspecified
78472	78473	I52	I52	Other heart disorders in diseases classified elsewhere
78472	78473	I70.0	I70.0	Atherosclerosis of aorta
78472	78473	I70.8	I70.8	Atherosclerosis of other arteries
78472	78473	I70.90	I70.90	Unspecified atherosclerosis
78472	78473	I70.91	I70.91	Generalized atherosclerosis
78472	78473	I71.00	I71.00	Dissection of unspecified site of aorta
78472	78473	I71.8	I71.8	Aortic aneurysm of unspecified site, ruptured
78472	78473	I71.9	I71.9	Aortic aneurysm of unspecified site, without rupture
78472	78473	I79.0	I79.0	Aneurysm of aorta in diseases classified elsewhere
78472	78473	I97.0	I97.0	Postcardiotomy syndrome
78472	78473	I97.110	I97.110	Postprocedural cardiac insufficiency following cardiac surgery
78472	78473	I97.111	I97.111	Postprocedural cardiac insufficiency following other surgery
78472	78473	I97.120	I97.120	Postprocedural cardiac arrest following cardiac surgery
78472	78473	I97.121	I97.121	Postprocedural cardiac arrest following other surgery
78472	78473	I97.130	I97.130	Postprocedural heart failure following cardiac surgery
78472	78473	I97.131	I97.131	Postprocedural heart failure following other surgery
78472	78473	I97.190	I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
78472	78473	I97.191	I97.191	Other postprocedural cardiac functional disturbances following other surgery
78472	78473	I97.710	I97.710	Intraoperative cardiac arrest during cardiac surgery
78472	78473	I97.711	I97.711	Intraoperative cardiac arrest during other surgery
78472	78473	I97.790	I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery
78472	78473	I97.791	I97.791	Other intraoperative cardiac functional disturbances during other surgery
78472	78473	I97.88	I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified
78472	78473	I97.89	I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
78472	78473	O90.3	O90.3	Peripartum cardiomyopathy
78472	78473	Q20.0	Q20.0	Common arterial trunk
78472	78473	Q20.1	Q20.1	Double outlet right ventricle
78472	78473	Q20.2	Q20.2	Double outlet left ventricle
78472	78473	Q20.6	Q20.6	Isomerism of atrial appendages
78472	78473	Q20.8	Q20.8	Other congenital malformations of cardiac chambers and connections
78472	78473	Q20.9	Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
78472	78473	Q21.0	Q21.0	Ventricular septal defect
78472	78473	Q21.1	Q21.1	Atrial septal defect
78472	78473	Q21.3	Q21.3	Tetralogy of Fallot
78472	78473	Q21.4	Q21.4	Aortopulmonary septal defect
78472	78473	Q21.8	Q21.8	Other congenital malformations of cardiac septa

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78472	78473	Q21.9	Q21.9	Congenital malformation of cardiac septum, unspecified
78472	78473	Q22.0	Q22.0	Pulmonary valve atresia
78472	78473	Q22.1	Q22.1	Congenital pulmonary valve stenosis
78472	78473	Q22.2	Q22.2	Congenital pulmonary valve insufficiency
78472	78473	Q22.3	Q22.3	Other congenital malformations of pulmonary valve
78472	78473	Q22.4	Q22.4	Congenital tricuspid stenosis
78472	78473	Q22.5	Q22.5	Ebstein's anomaly
78472	78473	Q22.6	Q22.6	Hypoplastic right heart syndrome
78472	78473	Q22.8	Q22.8	Other congenital malformations of tricuspid valve
78472	78473	Q22.9	Q22.9	Congenital malformation of tricuspid valve, unspecified
78472	78473	Q23.0	Q23.0	Congenital stenosis of aortic valve
78472	78473	Q23.1	Q23.1	Congenital insufficiency of aortic valve
78472	78473	Q23.2	Q23.2	Congenital mitral stenosis
78472	78473	Q23.3	Q23.3	Congenital mitral insufficiency
78472	78473	Q23.4	Q23.4	Hypoplastic left heart syndrome
78472	78473	Q23.8	Q23.8	Other congenital malformations of aortic and mitral valves
78472	78473	Q23.9	Q23.9	Congenital malformation of aortic and mitral valves, unspecified
78472	78473	Q24.2	Q24.2	Cor triatriatum
78472	78473	Q24.5	Q24.5	Malformation of coronary vessels
78472	78473	Q24.6	Q24.6	Congenital heart block
78472	78473	Q24.8	Q24.8	Other specified congenital malformations of heart
78472	78473	Q24.9	Q24.9	Congenital malformation of heart, unspecified
78472	78473	R07.2	R07.2	Precordial pain
78472	78473	R07.82	R07.82	Intercostal pain
78472	78473	R07.89	R07.89	Other chest pain
78472	78473	R07.9	R07.9	Chest pain, unspecified
78481	78483	I05.0	I05.0	Rheumatic mitral stenosis
78481	78483	I05.1	I05.1	Rheumatic mitral insufficiency
78481	78483	I05.2	I05.2	Rheumatic mitral stenosis with insufficiency
78481	78483	I05.8	I05.8	Other rheumatic mitral valve diseases
78481	78483	I05.9	I05.9	Rheumatic mitral valve disease, unspecified
78481	78483	I06.0	I06.0	Rheumatic aortic stenosis
78481	78483	I06.1	I06.1	Rheumatic aortic insufficiency
78481	78483	I06.2	I06.2	Rheumatic aortic stenosis with insufficiency
78481	78483	I06.8	I06.8	Other rheumatic aortic valve diseases
78481	78483	I06.9	I06.9	Rheumatic aortic valve disease, unspecified
78481	78483	I07.0	I07.0	Rheumatic tricuspid stenosis
78481	78483	I07.1	I07.1	Rheumatic tricuspid insufficiency
78481	78483	I07.2	I07.2	Rheumatic tricuspid stenosis and insufficiency
78481	78483	I07.8	I07.8	Other rheumatic tricuspid valve diseases
78481	78483	I07.9	I07.9	Rheumatic tricuspid valve disease, unspecified
78481	78483	I08.0	I08.0	Rheumatic disorders of both mitral and aortic valves
78481	78483	I08.8	I08.8	Other rheumatic multiple valve diseases
78481	78483	I08.9	I08.9	Rheumatic multiple valve disease, unspecified
78481	78483	I09.0	I09.0	Rheumatic myocarditis
78481	78483	I09.81	I09.81	Rheumatic heart failure
78481	78483	I09.89	I09.89	Other specified rheumatic heart diseases
78481	78483	I09.9	I09.9	Rheumatic heart disease, unspecified
78481	78483	I11.0	I11.0	Hypertensive heart disease with heart failure
78481	78483	I13.0	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
78481	78483	I13.2	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
78481	78483	I20.0	I20.0	Unstable angina
78481	78483	I20.1	I20.1	Angina pectoris with documented spasm
78481	78483	I20.8	I20.8	Other forms of angina pectoris
78481	78483	I20.9	I20.9	Angina pectoris, unspecified
78481	78483	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78481	78483	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78481	78483	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78481	78483	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78481	78483	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78481	78483	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78481	78483	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78481	78483	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78481	78483	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78481	78483	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78481	78483	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78481	78483	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78481	78483	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78481	78483	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78481	78483	I23.0	I23.0	Hemopericardium as current complication following acute myocardial infarction
78481	78483	I23.1	I23.1	Atrial septal defect as current complication following acute myocardial infarction
78481	78483	I23.2	I23.2	Ventricular septal defect as current complication following acute myocardial infarction
78481	78483	I23.3	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
78481	78483	I23.4	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
78481	78483	I23.5	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
78481	78483	I23.6	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
78481	78483	I23.7	I23.7	Postinfarction angina
78481	78483	I24.1	I24.1	Dressler's syndrome
78481	78483	I24.8	I24.8	Other forms of acute ischemic heart disease
78481	78483	I24.9	I24.9	Acute ischemic heart disease, unspecified
78481	78483	I25.10	I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
78481	78483	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
78481	78483	I25.111	I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
78481	78483	I25.118	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
78481	78483	I25.119	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
78481	78483	I25.2	I25.2	Old myocardial infarction
78481	78483	I25.3	I25.3	Aneurysm of heart
78481	78483	I25.41	I25.41	Coronary artery aneurysm
78481	78483	I25.42	I25.42	Coronary artery dissection
78481	78483	I25.5	I25.5	Ischemic cardiomyopathy
78481	78483	I25.6	I25.6	Silent myocardial ischemia
78481	78483	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
78481	78483	I25.701	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
78481	78483	I25.708	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
78481	78483	I25.709	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
78481	78483	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
78481	78483	I25.711	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
78481	78483	I25.718	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
78481	78483	I25.719	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
78481	78483	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
78481	78483	I25.721	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
78481	78483	I25.728	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
78481	78483	I25.729	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
78481	78483	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
78481	78483	I25.731	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
78481	78483	I25.738	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
78481	78483	I25.739	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
78481	78483	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
78481	78483	I25.751	I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
78481	78483	I25.758	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
78481	78483	I25.759	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
78481	78483	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
78481	78483	I25.761	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
78481	78483	I25.768	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
78481	78483	I25.769	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
78481	78483	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
78481	78483	I25.791	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
78481	78483	I25.798	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
78481	78483	I25.799	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
78481	78483	I25.810	I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
78481	78483	I25.811	I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
78481	78483	I25.812	I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
78481	78483	I25.82	I25.82	Chronic total occlusion of coronary artery
78481	78483	I25.83	I25.83	Coronary atherosclerosis due to lipid rich plaque
78481	78483	I25.84	I25.84	Coronary atherosclerosis due to calcified coronary lesion
78481	78483	I25.89	I25.89	Other forms of chronic ischemic heart disease
78481	78483	I26.02	I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale
78481	78483	I26.09	I26.09	Other pulmonary embolism with acute cor pulmonale

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78481	78483	I27.81	I27.81	Cor pulmonale (chronic)
78481	78483	I27.89	I27.89	Other specified pulmonary heart diseases
78481	78483	I27.9	I27.9	Pulmonary heart disease, unspecified
78481	78483	I34.0	I34.0	Nonrheumatic mitral (valve) insufficiency
78481	78483	I34.1	I34.1	Nonrheumatic mitral (valve) prolapse
78481	78483	I34.2	I34.2	Nonrheumatic mitral (valve) stenosis
78481	78483	I34.8	I34.8	Other nonrheumatic mitral valve disorders
78481	78483	I34.9	I34.9	Nonrheumatic mitral valve disorder, unspecified
78481	78483	I35.0	I35.0	Nonrheumatic aortic (valve) stenosis
78481	78483	I35.1	I35.1	Nonrheumatic aortic (valve) insufficiency
78481	78483	I35.2	I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
78481	78483	I35.8	I35.8	Other nonrheumatic aortic valve disorders
78481	78483	I35.9	I35.9	Nonrheumatic aortic valve disorder, unspecified
78481	78483	I36.0	I36.0	Nonrheumatic tricuspid (valve) stenosis
78481	78483	I36.1	I36.1	Nonrheumatic tricuspid (valve) insufficiency
78481	78483	I36.2	I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
78481	78483	I36.8	I36.8	Other nonrheumatic tricuspid valve disorders
78481	78483	I36.9	I36.9	Nonrheumatic tricuspid valve disorder, unspecified
78481	78483	I37.0	I37.0	Nonrheumatic pulmonary valve stenosis
78481	78483	I37.1	I37.1	Nonrheumatic pulmonary valve insufficiency
78481	78483	I37.2	I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
78481	78483	I37.8	I37.8	Other nonrheumatic pulmonary valve disorders
78481	78483	I37.9	I37.9	Nonrheumatic pulmonary valve disorder, unspecified
78481	78483	I40.0	I40.0	Infective myocarditis
78481	78483	I40.1	I40.1	Isolated myocarditis
78481	78483	I40.8	I40.8	Other acute myocarditis
78481	78483	I40.9	I40.9	Acute myocarditis, unspecified
78481	78483	I41	I41	Myocarditis in diseases classified elsewhere
78481	78483	I42.0	I42.0	Dilated cardiomyopathy
78481	78483	I42.1	I42.1	Obstructive hypertrophic cardiomyopathy
78481	78483	I42.2	I42.2	Other hypertrophic cardiomyopathy
78481	78483	I42.4	I42.4	Endocardial fibroelastosis
78481	78483	I42.5	I42.5	Other restrictive cardiomyopathy
78481	78483	I42.6	I42.6	Alcoholic cardiomyopathy
78481	78483	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
78481	78483	I50.31	I50.31	Acute diastolic (congestive) heart failure
78481	78483	I50.32	I50.32	Chronic diastolic (congestive) heart failure
78481	78483	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
78481	78483	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
78481	78483	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
78481	78483	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
78481	78483	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
78481	78483	I50.9	I50.9	Heart failure, unspecified
78481	78483	I51.0	I51.0	Cardiac septal defect, acquired
78481	78483	I51.1	I51.1	Rupture of chordae tendineae, not elsewhere classified
78481	78483	I51.2	I51.2	Rupture of papillary muscle, not elsewhere classified
78481	78483	I51.3	I51.3	Intracardiac thrombosis, not elsewhere classified
78481	78483	I51.4	I51.4	Myocarditis, unspecified
78481	78483	I51.5	I51.5	Myocardial degeneration
78481	78483	I51.7	I51.7	Cardiomegaly
78481	78483	I51.81	I51.81	Takotsubo syndrome
78481	78483	I51.89	I51.89	Other ill-defined heart diseases
78481	78483	I51.9	I51.9	Heart disease, unspecified
78481	78483	I52	I52	Other heart disorders in diseases classified elsewhere
78481	78483	I70.0	I70.0	Atherosclerosis of aorta
78481	78483	I70.8	I70.8	Atherosclerosis of other arteries
78481	78483	I70.90	I70.90	Unspecified atherosclerosis
78481	78483	I70.91	I70.91	Generalized atherosclerosis
78481	78483	I71.00	I71.00	Dissection of unspecified site of aorta
78481	78483	I71.8	I71.8	Aortic aneurysm of unspecified site, ruptured
78481	78483	I71.9	I71.9	Aortic aneurysm of unspecified site, without rupture
78481	78483	I79.0	I79.0	Aneurysm of aorta in diseases classified elsewhere
78481	78483	I97.0	I97.0	Postcardiotomy syndrome
78481	78483	I97.110	I97.110	Postprocedural cardiac insufficiency following cardiac surgery

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78481	78483	I97.111	I97.111	Postprocedural cardiac insufficiency following other surgery
78481	78483	I97.120	I97.120	Postprocedural cardiac arrest following cardiac surgery
78481	78483	I97.121	I97.121	Postprocedural cardiac arrest following other surgery
78481	78483	I97.130	I97.130	Postprocedural heart failure following cardiac surgery
78481	78483	I97.131	I97.131	Postprocedural heart failure following other surgery
78481	78483	I97.190	I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
78481	78483	I97.191	I97.191	Other postprocedural cardiac functional disturbances following other surgery
78481	78483	I97.710	I97.710	Intraoperative cardiac arrest during cardiac surgery
78481	78483	I97.711	I97.711	Intraoperative cardiac arrest during other surgery
78481	78483	I97.790	I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery
78481	78483	I97.791	I97.791	Other intraoperative cardiac functional disturbances during other surgery
78481	78483	I97.88	I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified
78481	78483	I97.89	I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
78481	78483	O90.3	O90.3	Peripartum cardiomyopathy
78481	78483	Q20.0	Q20.0	Common arterial trunk
78481	78483	Q20.1	Q20.1	Double outlet right ventricle
78481	78483	Q20.2	Q20.2	Double outlet left ventricle
78481	78483	Q20.6	Q20.6	Isomerism of atrial appendages
78481	78483	Q20.8	Q20.8	Other congenital malformations of cardiac chambers and connections
78481	78483	Q20.9	Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
78481	78483	Q21.0	Q21.0	Ventricular septal defect
78481	78483	Q21.1	Q21.1	Atrial septal defect
78481	78483	Q21.3	Q21.3	Tetralogy of Fallot
78481	78483	Q21.4	Q21.4	Aortopulmonary septal defect
78481	78483	Q21.8	Q21.8	Other congenital malformations of cardiac septa
78481	78483	Q21.9	Q21.9	Congenital malformation of cardiac septum, unspecified
78481	78483	Q22.0	Q22.0	Pulmonary valve atresia
78481	78483	Q22.1	Q22.1	Congenital pulmonary valve stenosis
78481	78483	Q22.2	Q22.2	Congenital pulmonary valve insufficiency
78481	78483	Q22.3	Q22.3	Other congenital malformations of pulmonary valve
78481	78483	Q22.4	Q22.4	Congenital tricuspid stenosis
78481	78483	Q22.5	Q22.5	Ebstein's anomaly
78481	78483	Q22.6	Q22.6	Hypoplastic right heart syndrome
78481	78483	Q22.8	Q22.8	Other congenital malformations of tricuspid valve
78481	78483	Q22.9	Q22.9	Congenital malformation of tricuspid valve, unspecified
78481	78483	Q23.0	Q23.0	Congenital stenosis of aortic valve
78481	78483	Q23.1	Q23.1	Congenital insufficiency of aortic valve
78481	78483	Q23.2	Q23.2	Congenital mitral stenosis
78481	78483	Q23.3	Q23.3	Congenital mitral insufficiency
78481	78483	Q23.4	Q23.4	Hypoplastic left heart syndrome
78481	78483	Q23.8	Q23.8	Other congenital malformations of aortic and mitral valves
78481	78483	Q23.9	Q23.9	Congenital malformation of aortic and mitral valves, unspecified
78481	78483	Q24.2	Q24.2	Cor triatriatum
78481	78483	Q24.5	Q24.5	Malformation of coronary vessels
78481	78483	Q24.6	Q24.6	Congenital heart block
78481	78483	Q24.8	Q24.8	Other specified congenital malformations of heart
78481	78483	Q24.9	Q24.9	Congenital malformation of heart, unspecified
78481	78483	R07.2	R07.2	Precordial pain
78481	78483	R07.82	R07.82	Intercostal pain
78481	78483	R07.89	R07.89	Other chest pain
78481	78483	R07.9	R07.9	Chest pain, unspecified
78481	78483	Z95.5	Z95.5	Presence of coronary angioplasty implant and graft
78494	78496	A18.84	A18.84	Tuberculosis of heart
78494	78496	C16.0	C16.0	Malignant neoplasm of cardia
78494	78496	C38.0	C38.0	Malignant neoplasm of heart
78494	78496	C38.1	C38.1	Malignant neoplasm of anterior mediastinum
78494	78496	C38.2	C38.2	Malignant neoplasm of posterior mediastinum
78494	78496	C38.8	C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura
78494	78496	C39.0	C39.0	Malignant neoplasm of upper respiratory tract, part unspecified
78494	78496	C45.2	C45.2	Mesothelioma of pericardium
78494	78496	C75.4	C75.4	Malignant neoplasm of carotid body
78494	78496	C78.1	C78.1	Secondary malignant neoplasm of mediastinum
78494	78496	C78.30	C78.30	Secondary malignant neoplasm of unspecified respiratory organ
78494	78496	C78.39	C78.39	Secondary malignant neoplasm of other respiratory organs

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78494	78496	I01.2	I01.2	Acute rheumatic myocarditis
78494	78496	I02.0	I02.0	Rheumatic chorea with heart involvement
78494	78496	I05.0	I05.0	Rheumatic mitral stenosis
78494	78496	I05.1	I05.1	Rheumatic mitral insufficiency
78494	78496	I05.2	I05.2	Rheumatic mitral stenosis with insufficiency
78494	78496	I05.8	I05.8	Other rheumatic mitral valve diseases
78494	78496	I05.9	I05.9	Rheumatic mitral valve disease, unspecified
78494	78496	I06.0	I06.0	Rheumatic aortic stenosis
78494	78496	I06.1	I06.1	Rheumatic aortic insufficiency
78494	78496	I06.2	I06.2	Rheumatic aortic stenosis with insufficiency
78494	78496	I06.8	I06.8	Other rheumatic aortic valve diseases
78494	78496	I06.9	I06.9	Rheumatic aortic valve disease, unspecified
78494	78496	I07.0	I07.0	Rheumatic tricuspid stenosis
78494	78496	I07.1	I07.1	Rheumatic tricuspid insufficiency
78494	78496	I07.2	I07.2	Rheumatic tricuspid stenosis and insufficiency
78494	78496	I07.8	I07.8	Other rheumatic tricuspid valve diseases
78494	78496	I07.9	I07.9	Rheumatic tricuspid valve disease, unspecified
78494	78496	I08.0	I08.0	Rheumatic disorders of both mitral and aortic valves
78494	78496	I08.1	I08.1	Rheumatic disorders of both mitral and tricuspid valves
78494	78496	I08.2	I08.2	Rheumatic disorders of both aortic and tricuspid valves
78494	78496	I08.3	I08.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves
78494	78496	I08.8	I08.8	Other rheumatic multiple valve diseases
78494	78496	I08.9	I08.9	Rheumatic multiple valve disease, unspecified
78494	78496	I09.0	I09.0	Rheumatic myocarditis
78494	78496	I09.1	I09.1	Rheumatic diseases of endocardium, valve unspecified
78494	78496	I09.81	I09.81	Rheumatic heart failure
78494	78496	I09.89	I09.89	Other specified rheumatic heart diseases
78494	78496	I09.9	I09.9	Rheumatic heart disease, unspecified
78494	78496	I11.0	I11.0	Hypertensive heart disease with heart failure
78494	78496	I11.9	I11.9	Hypertensive heart disease without heart failure
78494	78496	I13.0	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
78494	78496	I13.2	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
78494	78496	I20.0	I20.0	Unstable angina
78494	78496	I20.1	I20.1	Angina pectoris with documented spasm
78494	78496	I20.8	I20.8	Other forms of angina pectoris
78494	78496	I20.9	I20.9	Angina pectoris, unspecified
78494	78496	I21.01	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
78494	78496	I21.02	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
78494	78496	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
78494	78496	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
78494	78496	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
78494	78496	I21.21	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
78494	78496	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
78494	78496	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
78494	78496	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
78494	78496	I22.0	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
78494	78496	I22.1	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
78494	78496	I22.2	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
78494	78496	I22.8	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
78494	78496	I22.9	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
78494	78496	I23.0	I23.0	Hemopericardium as current complication following acute myocardial infarction
78494	78496	I23.1	I23.1	Atrial septal defect as current complication following acute myocardial infarction
78494	78496	I23.2	I23.2	Ventricular septal defect as current complication following acute myocardial infarction
78494	78496	I23.3	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
78494	78496	I23.4	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
78494	78496	I23.5	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
78494	78496	I23.6	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
78494	78496	I23.7	I23.7	Postinfarction angina
78494	78496	I23.8	I23.8	Other current complications following acute myocardial infarction
78494	78496	I24.0	I24.0	Acute coronary thrombosis not resulting in myocardial infarction
78494	78496	I24.1	I24.1	Dressler's syndrome
78494	78496	I24.8	I24.8	Other forms of acute ischemic heart disease
78494	78496	I24.9	I24.9	Acute ischemic heart disease, unspecified
78494	78496	I25.10	I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78494	78496	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
78494	78496	I25.111	I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
78494	78496	I25.118	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
78494	78496	I25.119	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
78494	78496	I25.2	I25.2	Old myocardial infarction
78494	78496	I25.3	I25.3	Aneurysm of heart
78494	78496	I25.41	I25.41	Coronary artery aneurysm
78494	78496	I25.42	I25.42	Coronary artery dissection
78494	78496	I25.5	I25.5	Ischemic cardiomyopathy
78494	78496	I25.6	I25.6	Silent myocardial ischemia
78494	78496	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
78494	78496	I25.701	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
78494	78496	I25.708	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
78494	78496	I25.709	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
78494	78496	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
78494	78496	I25.711	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
78494	78496	I25.718	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
78494	78496	I25.719	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
78494	78496	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
78494	78496	I25.721	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
78494	78496	I25.728	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
78494	78496	I25.729	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
78494	78496	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
78494	78496	I25.731	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
78494	78496	I25.738	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
78494	78496	I25.739	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
78494	78496	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
78494	78496	I25.751	I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
78494	78496	I25.758	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
78494	78496	I25.759	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
78494	78496	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
78494	78496	I25.761	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
78494	78496	I25.768	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
78494	78496	I25.769	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
78494	78496	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
78494	78496	I25.791	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
78494	78496	I25.798	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
78494	78496	I25.799	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
78494	78496	I25.810	I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
78494	78496	I25.811	I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
78494	78496	I25.812	I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
78494	78496	I25.82	I25.82	Chronic total occlusion of coronary artery
78494	78496	I25.83	I25.83	Coronary atherosclerosis due to lipid rich plaque
78494	78496	I25.89	I25.89	Other forms of chronic ischemic heart disease
78494	78496	I25.9	I25.9	Chronic ischemic heart disease, unspecified
78494	78496	I26.01	I26.01	Septic pulmonary embolism with acute cor pulmonale
78494	78496	I26.02	I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale
78494	78496	I26.09	I26.09	Other pulmonary embolism with acute cor pulmonale
78494	78496	I26.90	I26.90	Septic pulmonary embolism without acute cor pulmonale
78494	78496	I26.99	I26.99	Other pulmonary embolism without acute cor pulmonale
78494	78496	I27.2	I27.2	Other secondary pulmonary hypertension
78494	78496	I27.81	I27.81	Cor pulmonale (chronic)
78494	78496	I27.89	I27.89	Other specified pulmonary heart diseases
78494	78496	I27.9	I27.9	Pulmonary heart disease, unspecified
78494	78496	I34.0	I34.0	Nonrheumatic mitral (valve) insufficiency
78494	78496	I34.1	I34.1	Nonrheumatic mitral (valve) prolapse
78494	78496	I34.2	I34.2	Nonrheumatic mitral (valve) stenosis
78494	78496	I34.8	I34.8	Other nonrheumatic mitral valve disorders
78494	78496	I34.9	I34.9	Nonrheumatic mitral valve disorder, unspecified
78494	78496	I35.0	I35.0	Nonrheumatic aortic (valve) stenosis
78494	78496	I35.1	I35.1	Nonrheumatic aortic (valve) insufficiency
78494	78496	I35.2	I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
78494	78496	I35.8	I35.8	Other nonrheumatic aortic valve disorders
78494	78496	I35.9	I35.9	Nonrheumatic aortic valve disorder, unspecified

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78494	78496	I36.0	I36.0	Nonrheumatic tricuspid (valve) stenosis
78494	78496	I36.1	I36.1	Nonrheumatic tricuspid (valve) insufficiency
78494	78496	I36.2	I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
78494	78496	I36.8	I36.8	Other nonrheumatic tricuspid valve disorders
78494	78496	I36.9	I36.9	Nonrheumatic tricuspid valve disorder, unspecified
78494	78496	I37.0	I37.0	Nonrheumatic pulmonary valve stenosis
78494	78496	I37.1	I37.1	Nonrheumatic pulmonary valve insufficiency
78494	78496	I37.2	I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
78494	78496	I37.8	I37.8	Other nonrheumatic pulmonary valve disorders
78494	78496	I37.9	I37.9	Nonrheumatic pulmonary valve disorder, unspecified
78494	78496	I38	I38	Endocarditis, valve unspecified
78494	78496	I39	I39	Endocarditis and heart valve disorders in diseases classified elsewhere
78494	78496	I42.0	I42.0	Dilated cardiomyopathy
78494	78496	I42.3	I42.3	Endomyocardial (eosinophilic) disease
78494	78496	I42.4	I42.4	Endocardial fibroelastosis
78494	78496	I42.5	I42.5	Other restrictive cardiomyopathy
78494	78496	I42.6	I42.6	Alcoholic cardiomyopathy
78494	78496	I42.7	I42.7	Cardiomyopathy due to drug and external agent
78494	78496	I42.8	I42.8	Other cardiomyopathies
78494	78496	I42.9	I42.9	Cardiomyopathy, unspecified
78494	78496	I43	I43	Cardiomyopathy in diseases classified elsewhere
78494	78496	I46.2	I46.2	Cardiac arrest due to underlying cardiac condition
78494	78496	I46.8	I46.8	Cardiac arrest due to other underlying condition
78494	78496	I46.9	I46.9	Cardiac arrest, cause unspecified
78494	78496	I50.1	I50.1	Left ventricular failure
78494	78496	I50.20	I50.20	Unspecified systolic (congestive) heart failure
78494	78496	I50.21	I50.21	Acute systolic (congestive) heart failure
78494	78496	I50.22	I50.22	Chronic systolic (congestive) heart failure
78494	78496	I50.23	I50.23	Acute on chronic systolic (congestive) heart failure
78494	78496	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
78494	78496	I50.31	I50.31	Acute diastolic (congestive) heart failure
78494	78496	I50.32	I50.32	Chronic diastolic (congestive) heart failure
78494	78496	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
78494	78496	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
78494	78496	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
78494	78496	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
78494	78496	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
78494	78496	I50.9	I50.9	Heart failure, unspecified
78494	78496	I51.0	I51.0	Cardiac septal defect, acquired
78494	78496	I51.1	I51.1	Rupture of chordae tendineae, not elsewhere classified
78494	78496	I51.2	I51.2	Rupture of papillary muscle, not elsewhere classified
78494	78496	I51.3	I51.3	Intracardiac thrombosis, not elsewhere classified
78494	78496	I51.4	I51.4	Myocarditis, unspecified
78494	78496	I51.5	I51.5	Myocardial degeneration
78494	78496	I51.7	I51.7	Cardiomegaly
78494	78496	I51.81	I51.81	Takotsubo syndrome
78494	78496	I51.89	I51.89	Other ill-defined heart diseases
78494	78496	I51.9	I51.9	Heart disease, unspecified
78494	78496	I52	I52	Other heart disorders in diseases classified elsewhere
78494	78496	I70.0	I70.0	Atherosclerosis of aorta
78494	78496	I70.8	I70.8	Atherosclerosis of other arteries
78494	78496	I70.90	I70.90	Unspecified atherosclerosis
78494	78496	I70.91	I70.91	Generalized atherosclerosis
78494	78496	I71.00	I71.00	Dissection of unspecified site of aorta
78494	78496	I71.8	I71.8	Aortic aneurysm of unspecified site, ruptured
78494	78496	I71.9	I71.9	Aortic aneurysm of unspecified site, without rupture
78494	78496	I77.810	I77.810	Thoracic aortic ectasia
78494	78496	I77.812	I77.812	Thoracoabdominal aortic ectasia
78494	78496	I77.819	I77.819	Aortic ectasia, unspecified site
78494	78496	I79.0	I79.0	Aneurysm of aorta in diseases classified elsewhere
78494	78496	I97.0	I97.0	Postcardiotomy syndrome
78494	78496	I97.110	I97.110	Postprocedural cardiac insufficiency following cardiac surgery
78494	78496	I97.111	I97.111	Postprocedural cardiac insufficiency following other surgery
78494	78496	I97.120	I97.120	Postprocedural cardiac arrest following cardiac surgery

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78494	78496	I97.121	I97.121	Postprocedural cardiac arrest following other surgery
78494	78496	I97.130	I97.130	Postprocedural heart failure following cardiac surgery
78494	78496	I97.131	I97.131	Postprocedural heart failure following other surgery
78494	78496	I97.190	I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
78494	78496	I97.191	I97.191	Other postprocedural cardiac functional disturbances following other surgery
78494	78496	I97.710	I97.710	Intraoperative cardiac arrest during cardiac surgery
78494	78496	I97.711	I97.711	Intraoperative cardiac arrest during other surgery
78494	78496	I97.790	I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery
78494	78496	I97.791	I97.791	Other intraoperative cardiac functional disturbances during other surgery
78494	78496	I97.88	I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified
78494	78496	I97.89	I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
78494	78496	M32.11	M32.11	Endocarditis in systemic lupus erythematosus
78494	78496	O90.3	O90.3	Peripartum cardiomyopathy
78494	78496	Q20.0	Q20.0	Common arterial trunk
78494	78496	Q20.1	Q20.1	Double outlet right ventricle
78494	78496	Q20.2	Q20.2	Double outlet left ventricle
78494	78496	Q20.3	Q20.3	Discordant ventriculoarterial connection
78494	78496	Q20.4	Q20.4	Double inlet ventricle
78494	78496	Q20.5	Q20.5	Discordant atrioventricular connection
78494	78496	Q20.6	Q20.6	Isomerism of atrial appendages
78494	78496	Q20.8	Q20.8	Other congenital malformations of cardiac chambers and connections
78494	78496	Q20.9	Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
78494	78496	Q21.0	Q21.0	Ventricular septal defect
78494	78496	Q21.1	Q21.1	Atrial septal defect
78494	78496	Q21.2	Q21.2	Atrioventricular septal defect
78494	78496	Q21.3	Q21.3	Tetralogy of Fallot
78494	78496	Q21.4	Q21.4	Aortopulmonary septal defect
78494	78496	Q21.8	Q21.8	Other congenital malformations of cardiac septa
78494	78496	Q21.9	Q21.9	Congenital malformation of cardiac septum, unspecified
78494	78496	Q22.0	Q22.0	Pulmonary valve atresia
78494	78496	Q22.1	Q22.1	Congenital pulmonary valve stenosis
78494	78496	Q22.2	Q22.2	Congenital pulmonary valve insufficiency
78494	78496	Q22.3	Q22.3	Other congenital malformations of pulmonary valve
78494	78496	Q22.4	Q22.4	Congenital tricuspid stenosis
78494	78496	Q22.5	Q22.5	Ebstein's anomaly
78494	78496	Q22.6	Q22.6	Hypoplastic right heart syndrome
78494	78496	Q22.8	Q22.8	Other congenital malformations of tricuspid valve
78494	78496	Q22.9	Q22.9	Congenital malformation of tricuspid valve, unspecified
78494	78496	Q23.0	Q23.0	Congenital stenosis of aortic valve
78494	78496	Q23.1	Q23.1	Congenital insufficiency of aortic valve
78494	78496	Q23.2	Q23.2	Congenital mitral stenosis
78494	78496	Q23.3	Q23.3	Congenital mitral insufficiency
78494	78496	Q23.4	Q23.4	Hypoplastic left heart syndrome
78494	78496	Q23.8	Q23.8	Other congenital malformations of aortic and mitral valves
78494	78496	Q23.9	Q23.9	Congenital malformation of aortic and mitral valves, unspecified
78494	78496	Q24.0	Q24.0	Dextrocardia
78494	78496	Q24.1	Q24.1	Levocardia
78494	78496	Q24.2	Q24.2	Cor triatriatum
78494	78496	Q24.3	Q24.3	Pulmonary infundibular stenosis
78494	78496	Q24.4	Q24.4	Congenital subaortic stenosis
78494	78496	Q24.5	Q24.5	Malformation of coronary vessels
78494	78496	Q24.6	Q24.6	Congenital heart block
78494	78496	Q24.8	Q24.8	Other specified congenital malformations of heart
78494	78496	Q24.9	Q24.9	Congenital malformation of heart, unspecified
78494	78496	R07.2	R07.2	Precordial pain
78494	78496	R07.82	R07.82	Intercostal pain
78494	78496	R07.89	R07.89	Other chest pain
78494	78496	R07.9	R07.9	Chest pain, unspecified
78494	78496	R55	R55	Syncope and collapse
78494	78496	R57.0	R57.0	Cardiogenic shock
78494	78496	R94.30	R94.30	Abnormal result of cardiovascular function study, unspecified
78494	78496	R94.31	R94.31	Abnormal electrocardiogram [ECG] [EKG]
78494	78496	R94.39	R94.39	Abnormal result of other cardiovascular function study
78494	78496	T86.20	T86.20	Unspecified complication of heart transplant

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
78494	78496	T86.21	T86.21	Heart transplant rejection
78494	78496	T86.22	T86.22	Heart transplant failure
78494	78496	T86.23	T86.23	Heart transplant infection
78494	78496	T86.290	T86.290	Cardiac allograft vasculopathy
78494	78496	T86.298	T86.298	Other complications of heart transplant
78494	78496	T86.30	T86.30	Unspecified complication of heart-lung transplant
78494	78496	T86.31	T86.31	Heart-lung transplant rejection
78494	78496	T86.32	T86.32	Heart-lung transplant failure
78494	78496	T86.33	T86.33	Heart-lung transplant infection
78494	78496	T86.39	T86.39	Other complications of heart-lung transplant
78494	78496	Z01.810	Z01.810	Encounter for preprocedural cardiovascular examination
78494	78496	Z03.89	Z03.89	Encounter for observation for other suspected diseases and conditions ruled out
78494	78496	Z09	Z09	Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm
78494	78496	Z48.21	Z48.21	Encounter for aftercare following heart transplant
78494	78496	Z48.280	Z48.280	Encounter for aftercare following heart-lung transplant
78494	78496	Z94.1	Z94.1	Heart transplant status
78494	78496	Z94.3	Z94.3	Heart and lungs transplant status
78494	78496	Z95.1	Z95.1	Presence of aortocoronary bypass graft
78494	78496	Z95.2	Z95.2	Presence of prosthetic heart valve
78494	78496	Z95.5	Z95.5	Presence of coronary angioplasty implant and graft
78494	78496	Z98.61	Z98.61	Coronary angioplasty status
93015	93017	I20.0	I20.0	Unstable angina
93015	93017	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
93015	93017	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
93015	93017	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
93015	93017	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
93015	93017	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
93015	93017	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
93015	93017	I24.1	I24.1	Dressler's syndrome
93015	93017	I24.8	I24.8	Other forms of acute ischemic heart disease
93015	93017	I24.9	I24.9	Acute ischemic heart disease, unspecified
93015	93017	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
93015	93017	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
93015	93017	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
93015	93017	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
93015	93017	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
93015	93017	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
93015	93017	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
93015	93017	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
93015	93017	I34.0	I34.0	Nonrheumatic mitral (valve) insufficiency
93015	93017	I34.1	I34.1	Nonrheumatic mitral (valve) prolapse
93015	93017	I34.2	I34.2	Nonrheumatic mitral (valve) stenosis
93015	93017	I34.8	I34.8	Other nonrheumatic mitral valve disorders
93015	93017	I34.9	I34.9	Nonrheumatic mitral valve disorder, unspecified
93015	93017	I35.0	I35.0	Nonrheumatic aortic (valve) stenosis
93015	93017	I35.1	I35.1	Nonrheumatic aortic (valve) insufficiency
93015	93017	I35.2	I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
93015	93017	I35.8	I35.8	Other nonrheumatic aortic valve disorders
93015	93017	I35.9	I35.9	Nonrheumatic aortic valve disorder, unspecified
93015	93017	I36.0	I36.0	Nonrheumatic tricuspid (valve) stenosis
93015	93017	I36.1	I36.1	Nonrheumatic tricuspid (valve) insufficiency
93015	93017	I36.2	I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
93015	93017	I36.8	I36.8	Other nonrheumatic tricuspid valve disorders
93015	93017	I36.9	I36.9	Nonrheumatic tricuspid valve disorder, unspecified
93015	93017	I37.0	I37.0	Nonrheumatic pulmonary valve stenosis
93015	93017	I37.1	I37.1	Nonrheumatic pulmonary valve insufficiency
93015	93017	I37.2	I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
93015	93017	I37.8	I37.8	Other nonrheumatic pulmonary valve disorders
93015	93017	I37.9	I37.9	Nonrheumatic pulmonary valve disorder, unspecified
93015	93017	I42.0	I42.0	Dilated cardiomyopathy
93015	93017	I42.1	I42.1	Obstructive hypertrophic cardiomyopathy
93015	93017	I42.2	I42.2	Other hypertrophic cardiomyopathy
93015	93017	I42.3	I42.3	Endomyocardial (eosinophilic) disease
93015	93017	I42.4	I42.4	Endocardial fibroelastosis

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93015	93017	I42.5	I42.5	Other restrictive cardiomyopathy
93015	93017	I42.6	I42.6	Alcoholic cardiomyopathy
93015	93017	I42.7	I42.7	Cardiomyopathy due to drug and external agent
93015	93017	I42.8	I42.8	Other cardiomyopathies
93015	93017	I42.9	I42.9	Cardiomyopathy, unspecified
93015	93017	I43	I43	Cardiomyopathy in diseases classified elsewhere
93015	93017	I44.0	I44.0	Atrioventricular block, first degree
93015	93017	I44.1	I44.1	Atrioventricular block, second degree
93015	93017	I44.30	I44.30	Unspecified atrioventricular block
93015	93017	I44.4	I44.4	Left anterior fascicular block
93015	93017	I44.5	I44.5	Left posterior fascicular block
93015	93017	I44.60	I44.60	Unspecified fascicular block
93015	93017	I44.69	I44.69	Other fascicular block
93015	93017	I50.1	I50.1	Left ventricular failure
93015	93017	I50.20	I50.20	Unspecified systolic (congestive) heart failure
93015	93017	I50.21	I50.21	Acute systolic (congestive) heart failure
93015	93017	I50.22	I50.22	Chronic systolic (congestive) heart failure
93015	93017	I50.23	I50.23	Acute on chronic systolic (congestive) heart failure
93015	93017	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
93015	93017	I50.31	I50.31	Acute diastolic (congestive) heart failure
93015	93017	I50.32	I50.32	Chronic diastolic (congestive) heart failure
93015	93017	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
93015	93017	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
93015	93017	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
93015	93017	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
93015	93017	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
93015	93017	I50.9	I50.9	Heart failure, unspecified
93015	93017	I70.0	I70.0	Atherosclerosis of aorta
93015	93017	I70.201	I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg
93015	93017	I70.202	I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg
93015	93017	I70.203	I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs
93015	93017	I70.208	I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity
93015	93017	I70.209	I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity
93015	93017	I70.211	I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
93015	93017	I70.212	I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
93015	93017	I70.213	I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
93015	93017	I70.218	I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
93015	93017	I70.219	I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity
93015	93017	I70.221	I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg
93015	93017	I70.222	I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg
93015	93017	I70.223	I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
93015	93017	I70.228	I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity
93015	93017	I70.229	I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity
93015	93017	I70.231	I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh
93015	93017	I70.232	I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf
93015	93017	I70.233	I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle
93015	93017	I70.234	I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
93015	93017	I70.235	I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot
93015	93017	I70.238	I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower right leg
93015	93017	I70.239	I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site
93015	93017	I70.241	I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
93015	93017	I70.242	I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf
93015	93017	I70.243	I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
93015	93017	I70.244	I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
93015	93017	I70.245	I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot
93015	93017	I70.248	I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower left leg
93015	93017	I70.249	I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site
93015	93017	I70.25	I70.25	Atherosclerosis of native arteries of other extremities with ulceration
93015	93017	I70.261	I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg
93015	93017	I70.262	I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg
93015	93017	I70.263	I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
93015	93017	I70.268	I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity
93015	93017	I70.269	I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity
93015	93017	I70.90	I70.90	Unspecified atherosclerosis

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93015	93017	I70.91	I70.91	Generalized atherosclerosis
93015	93017	I70.92	I70.92	Chronic total occlusion of artery of the extremities
93015	93017	T82.310A	T82.310A	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), initial encounter
93015	93017	T82.310D	T82.310D	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), subsequent encounter
93015	93017	T82.310S	T82.310S	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), sequela
93015	93017	T82.311A	T82.311A	Breakdown (mechanical) of carotid arterial graft (bypass), initial encounter
93015	93017	T82.311D	T82.311D	Breakdown (mechanical) of carotid arterial graft (bypass), subsequent encounter
93015	93017	T82.311S	T82.311S	Breakdown (mechanical) of carotid arterial graft (bypass), sequela
93015	93017	T82.312A	T82.312A	Breakdown (mechanical) of femoral arterial graft (bypass), initial encounter
93015	93017	T82.312D	T82.312D	Breakdown (mechanical) of femoral arterial graft (bypass), subsequent encounter
93015	93017	T82.312S	T82.312S	Breakdown (mechanical) of femoral arterial graft (bypass), sequela
93015	93017	T82.318A	T82.318A	Breakdown (mechanical) of other vascular grafts, initial encounter
93015	93017	T82.318D	T82.318D	Breakdown (mechanical) of other vascular grafts, subsequent encounter
93015	93017	T82.318S	T82.318S	Breakdown (mechanical) of other vascular grafts, sequela
93015	93017	T82.319A	T82.319A	Breakdown (mechanical) of unspecified vascular grafts, initial encounter
93015	93017	T82.319D	T82.319D	Breakdown (mechanical) of unspecified vascular grafts, subsequent encounter
93015	93017	T82.319S	T82.319S	Breakdown (mechanical) of unspecified vascular grafts, sequela
93015	93017	T82.320A	T82.320A	Displacement of aortic (bifurcation) graft (replacement), initial encounter
93015	93017	T82.320D	T82.320D	Displacement of aortic (bifurcation) graft (replacement), subsequent encounter
93015	93017	T82.320S	T82.320S	Displacement of aortic (bifurcation) graft (replacement), sequela
93015	93017	T82.321A	T82.321A	Displacement of carotid arterial graft (bypass), initial encounter
93015	93017	T82.321D	T82.321D	Displacement of carotid arterial graft (bypass), subsequent encounter
93015	93017	T82.321S	T82.321S	Displacement of carotid arterial graft (bypass), sequela
93015	93017	T82.322A	T82.322A	Displacement of femoral arterial graft (bypass), initial encounter
93015	93017	T82.322D	T82.322D	Displacement of femoral arterial graft (bypass), subsequent encounter
93015	93017	T82.322S	T82.322S	Displacement of femoral arterial graft (bypass), sequela
93015	93017	T82.328A	T82.328A	Displacement of other vascular grafts, initial encounter
93015	93017	T82.328D	T82.328D	Displacement of other vascular grafts, subsequent encounter
93015	93017	T82.328S	T82.328S	Displacement of other vascular grafts, sequela
93015	93017	T82.329A	T82.329A	Displacement of unspecified vascular grafts, initial encounter
93015	93017	T82.329D	T82.329D	Displacement of unspecified vascular grafts, subsequent encounter
93015	93017	T82.329S	T82.329S	Displacement of unspecified vascular grafts, sequela
93015	93017	T82.330A	T82.330A	Leakage of aortic (bifurcation) graft (replacement), initial encounter
93015	93017	T82.330D	T82.330D	Leakage of aortic (bifurcation) graft (replacement), subsequent encounter
93015	93017	T82.330S	T82.330S	Leakage of aortic (bifurcation) graft (replacement), sequela
93015	93017	T82.331A	T82.331A	Leakage of carotid arterial graft (bypass), initial encounter
93015	93017	T82.331D	T82.331D	Leakage of carotid arterial graft (bypass), subsequent encounter
93015	93017	T82.331S	T82.331S	Leakage of carotid arterial graft (bypass), sequela
93015	93017	T82.332A	T82.332A	Leakage of femoral arterial graft (bypass), initial encounter
93015	93017	T82.332D	T82.332D	Leakage of femoral arterial graft (bypass), subsequent encounter
93015	93017	T82.332S	T82.332S	Leakage of femoral arterial graft (bypass), sequela
93015	93017	T82.338A	T82.338A	Leakage of other vascular grafts, initial encounter
93015	93017	T82.338D	T82.338D	Leakage of other vascular grafts, subsequent encounter
93015	93017	T82.338S	T82.338S	Leakage of other vascular grafts, sequela
93015	93017	T82.339A	T82.339A	Leakage of unspecified vascular graft, initial encounter
93015	93017	T82.339D	T82.339D	Leakage of unspecified vascular graft, subsequent encounter
93015	93017	T82.339S	T82.339S	Leakage of unspecified vascular graft, sequela
93015	93017	T82.390A	T82.390A	Other mechanical complication of aortic (bifurcation) graft (replacement), initial encounter
93015	93017	T82.390D	T82.390D	Other mechanical complication of aortic (bifurcation) graft (replacement), subsequent encounter
93015	93017	T82.390S	T82.390S	Other mechanical complication of aortic (bifurcation) graft (replacement), sequela
93015	93017	T82.391A	T82.391A	Other mechanical complication of carotid arterial graft (bypass), initial encounter
93015	93017	T82.391D	T82.391D	Other mechanical complication of carotid arterial graft (bypass), subsequent encounter
93015	93017	T82.391S	T82.391S	Other mechanical complication of carotid arterial graft (bypass), sequela
93015	93017	T82.392A	T82.392A	Other mechanical complication of femoral arterial graft (bypass), initial encounter
93015	93017	T82.392D	T82.392D	Other mechanical complication of femoral arterial graft (bypass), subsequent encounter
93015	93017	T82.392S	T82.392S	Other mechanical complication of femoral arterial graft (bypass), sequela
93015	93017	T82.398A	T82.398A	Other mechanical complication of other vascular grafts, initial encounter
93015	93017	T82.398D	T82.398D	Other mechanical complication of other vascular grafts, subsequent encounter
93015	93017	T82.398S	T82.398S	Other mechanical complication of other vascular grafts, sequela
93015	93017	T82.399A	T82.399A	Other mechanical complication of unspecified vascular grafts, initial encounter
93015	93017	T82.399D	T82.399D	Other mechanical complication of unspecified vascular grafts, subsequent encounter
93015	93017	T82.399S	T82.399S	Other mechanical complication of unspecified vascular grafts, sequela
93015	93017	T82.41XA	T82.41XA	Breakdown (mechanical) of vascular dialysis catheter, initial encounter
93015	93017	T82.41XD	T82.41XD	Breakdown (mechanical) of vascular dialysis catheter, subsequent encounter

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93015	93017	T82.41XS	T82.41XS	Breakdown (mechanical) of vascular dialysis catheter, sequela
93015	93017	T82.42XA	T82.42XA	Displacement of vascular dialysis catheter, initial encounter
93015	93017	T82.42XD	T82.42XD	Displacement of vascular dialysis catheter, subsequent encounter
93015	93017	T82.42XS	T82.42XS	Displacement of vascular dialysis catheter, sequela
93015	93017	T82.43XA	T82.43XA	Leakage of vascular dialysis catheter, initial encounter
93015	93017	T82.43XD	T82.43XD	Leakage of vascular dialysis catheter, subsequent encounter
93015	93017	T82.43XS	T82.43XS	Leakage of vascular dialysis catheter, sequela
93015	93017	T82.49XA	T82.49XA	Other complication of vascular dialysis catheter, initial encounter
93015	93017	T82.49XD	T82.49XD	Other complication of vascular dialysis catheter, subsequent encounter
93015	93017	T82.49XS	T82.49XS	Other complication of vascular dialysis catheter, sequela
93015	93017	T82.510A	T82.510A	Breakdown (mechanical) of surgically created arteriovenous fistula, initial encounter
93015	93017	T82.510D	T82.510D	Breakdown (mechanical) of surgically created arteriovenous fistula, subsequent encounter
93015	93017	T82.510S	T82.510S	Breakdown (mechanical) of surgically created arteriovenous fistula, sequela
93015	93017	T82.511A	T82.511A	Breakdown (mechanical) of surgically created arteriovenous shunt, initial encounter
93015	93017	T82.511D	T82.511D	Breakdown (mechanical) of surgically created arteriovenous shunt, subsequent encounter
93015	93017	T82.511S	T82.511S	Breakdown (mechanical) of surgically created arteriovenous shunt, sequela
93015	93017	T82.513A	T82.513A	Breakdown (mechanical) of balloon (counterpulsation) device, initial encounter
93015	93017	T82.513D	T82.513D	Breakdown (mechanical) of balloon (counterpulsation) device, subsequent encounter
93015	93017	T82.513S	T82.513S	Breakdown (mechanical) of balloon (counterpulsation) device, sequela
93015	93017	T82.514A	T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter
93015	93017	T82.514D	T82.514D	Breakdown (mechanical) of infusion catheter, subsequent encounter
93015	93017	T82.514S	T82.514S	Breakdown (mechanical) of infusion catheter, sequela
93015	93017	T82.515A	T82.515A	Breakdown (mechanical) of umbrella device, initial encounter
93015	93017	T82.515D	T82.515D	Breakdown (mechanical) of umbrella device, subsequent encounter
93015	93017	T82.515S	T82.515S	Breakdown (mechanical) of umbrella device, sequela
93015	93017	T82.518A	T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter
93015	93017	T82.518D	T82.518D	Breakdown (mechanical) of other cardiac and vascular devices and implants, subsequent encounter
93015	93017	T82.518S	T82.518S	Breakdown (mechanical) of other cardiac and vascular devices and implants, sequela
93015	93017	T82.520A	T82.520A	Displacement of surgically created arteriovenous fistula, initial encounter
93015	93017	T82.520D	T82.520D	Displacement of surgically created arteriovenous fistula, subsequent encounter
93015	93017	T82.520S	T82.520S	Displacement of surgically created arteriovenous fistula, sequela
93015	93017	T82.521A	T82.521A	Displacement of surgically created arteriovenous shunt, initial encounter
93015	93017	T82.521D	T82.521D	Displacement of surgically created arteriovenous shunt, subsequent encounter
93015	93017	T82.521S	T82.521S	Displacement of surgically created arteriovenous shunt, sequela
93015	93017	T82.523A	T82.523A	Displacement of balloon (counterpulsation) device, initial encounter
93015	93017	T82.523D	T82.523D	Displacement of balloon (counterpulsation) device, subsequent encounter
93015	93017	T82.523S	T82.523S	Displacement of balloon (counterpulsation) device, sequela
93015	93017	T82.524A	T82.524A	Displacement of infusion catheter, initial encounter
93015	93017	T82.524D	T82.524D	Displacement of infusion catheter, subsequent encounter
93015	93017	T82.524S	T82.524S	Displacement of infusion catheter, sequela
93015	93017	T82.525A	T82.525A	Displacement of umbrella device, initial encounter
93015	93017	T82.525D	T82.525D	Displacement of umbrella device, subsequent encounter
93015	93017	T82.525S	T82.525S	Displacement of umbrella device, sequela
93015	93017	T82.528A	T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter
93015	93017	T82.528D	T82.528D	Displacement of other cardiac and vascular devices and implants, subsequent encounter
93015	93017	T82.528S	T82.528S	Displacement of other cardiac and vascular devices and implants, sequela
93015	93017	T82.529A	T82.529A	Displacement of unspecified cardiac and vascular devices and implants, initial encounter
93015	93017	T82.529D	T82.529D	Displacement of unspecified cardiac and vascular devices and implants, subsequent encounter
93015	93017	T82.529S	T82.529S	Displacement of unspecified cardiac and vascular devices and implants, sequela
93015	93017	T82.530A	T82.530A	Leakage of surgically created arteriovenous fistula, initial encounter
93015	93017	T82.530D	T82.530D	Leakage of surgically created arteriovenous fistula, subsequent encounter
93015	93017	T82.530S	T82.530S	Leakage of surgically created arteriovenous fistula, sequela
93015	93017	T82.531A	T82.531A	Leakage of surgically created arteriovenous shunt, initial encounter
93015	93017	T82.531D	T82.531D	Leakage of surgically created arteriovenous shunt, subsequent encounter
93015	93017	T82.531S	T82.531S	Leakage of surgically created arteriovenous shunt, sequela
93015	93017	T82.533A	T82.533A	Leakage of balloon (counterpulsation) device, initial encounter
93015	93017	T82.533D	T82.533D	Leakage of balloon (counterpulsation) device, subsequent encounter
93015	93017	T82.533S	T82.533S	Leakage of balloon (counterpulsation) device, sequela
93015	93017	T82.534A	T82.534A	Leakage of infusion catheter, initial encounter
93015	93017	T82.534D	T82.534D	Leakage of infusion catheter, subsequent encounter
93015	93017	T82.534S	T82.534S	Leakage of infusion catheter, sequela
93015	93017	T82.535A	T82.535A	Leakage of umbrella device, initial encounter
93015	93017	T82.535D	T82.535D	Leakage of umbrella device, subsequent encounter
93015	93017	T82.535S	T82.535S	Leakage of umbrella device, sequela

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93015	93017	T82.538A	T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter
93015	93017	T82.538D	T82.538D	Leakage of other cardiac and vascular devices and implants, subsequent encounter
93015	93017	T82.538S	T82.538S	Leakage of other cardiac and vascular devices and implants, sequela
93015	93017	T82.590A	T82.590A	Other mechanical complication of surgically created arteriovenous fistula, initial encounter
93015	93017	T82.590D	T82.590D	Other mechanical complication of surgically created arteriovenous fistula, subsequent encounter
93015	93017	T82.590S	T82.590S	Other mechanical complication of surgically created arteriovenous fistula, sequela
93015	93017	T82.591A	T82.591A	Other mechanical complication of surgically created arteriovenous shunt, initial encounter
93015	93017	T82.591D	T82.591D	Other mechanical complication of surgically created arteriovenous shunt, subsequent encounter
93015	93017	T82.591S	T82.591S	Other mechanical complication of surgically created arteriovenous shunt, sequela
93015	93017	T82.593A	T82.593A	Other mechanical complication of balloon (counterpulsation) device, initial encounter
93015	93017	T82.593D	T82.593D	Other mechanical complication of balloon (counterpulsation) device, subsequent encounter
93015	93017	T82.593S	T82.593S	Other mechanical complication of balloon (counterpulsation) device, sequela
93015	93017	T82.594A	T82.594A	Other mechanical complication of infusion catheter, initial encounter
93015	93017	T82.594D	T82.594D	Other mechanical complication of infusion catheter, subsequent encounter
93015	93017	T82.594S	T82.594S	Other mechanical complication of infusion catheter, sequela
93015	93017	T82.595A	T82.595A	Other mechanical complication of umbrella device, initial encounter
93015	93017	T82.595D	T82.595D	Other mechanical complication of umbrella device, subsequent encounter
93015	93017	T82.595S	T82.595S	Other mechanical complication of umbrella device, sequela
93015	93017	T82.598A	T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter
93015	93017	T82.598D	T82.598D	Other mechanical complication of other cardiac and vascular devices and implants, subsequent encounter
93015	93017	T82.598S	T82.598S	Other mechanical complication of other cardiac and vascular devices and implants, sequela
93015	93017	T82.6XXA	T82.6XXA	Infection and inflammatory reaction due to cardiac valve prosthesis, initial encounter
93015	93017	T82.6XXD	T82.6XXD	Infection and inflammatory reaction due to cardiac valve prosthesis, subsequent encounter
93015	93017	T82.6XXS	T82.6XXS	Infection and inflammatory reaction due to cardiac valve prosthesis, sequela
93015	93017	T82.7XXA	T82.7XXA	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter
93015	93017	T82.7XXD	T82.7XXD	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, subsequent encounter
93015	93017	T82.7XXS	T82.7XXS	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, sequela
93015	93017	T82.817A	T82.817A	Embolism due to cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.817D	T82.817D	Embolism due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.817S	T82.817S	Embolism due to cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.827A	T82.827A	Fibrosis due to cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.827D	T82.827D	Fibrosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.827S	T82.827S	Fibrosis due to cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.837A	T82.837A	Hemorrhage due to cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.837D	T82.837D	Hemorrhage due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.837S	T82.837S	Hemorrhage due to cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.847A	T82.847A	Pain due to cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.847D	T82.847D	Pain due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.847S	T82.847S	Pain due to cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.857A	T82.857A	Stenosis of other cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.857D	T82.857D	Stenosis of other cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.857S	T82.857S	Stenosis of other cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.867A	T82.867A	Thrombosis due to cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.867D	T82.867D	Thrombosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.867S	T82.867S	Thrombosis due to cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.897A	T82.897A	Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.897D	T82.897D	Other specified complication of cardiac prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.897S	T82.897S	Other specified complication of cardiac prosthetic devices, implants and grafts, sequela
93015	93017	T82.898A	T82.898A	Other specified complication of vascular prosthetic devices, implants and grafts, initial encounter
93015	93017	T82.898D	T82.898D	Other specified complication of vascular prosthetic devices, implants and grafts, subsequent encounter
93015	93017	T82.898S	T82.898S	Other specified complication of vascular prosthetic devices, implants and grafts, sequela
93015	93017	T82.9XXA	T82.9XXA	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, initial encounter
93015	93017	T82.9XXD	T82.9XXD	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, subsequent encounter
93015	93017	T82.9XXS	T82.9XXS	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, sequela
93015	93017	T86.20	T86.20	Unspecified complication of heart transplant
93015	93017	T86.21	T86.21	Heart transplant rejection
93015	93017	T86.22	T86.22	Heart transplant failure
93015	93017	T86.23	T86.23	Heart transplant infection
93018	93018	I20.0	I20.0	Unstable angina
93018	93018	I21.09	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
93018	93018	I21.11	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
93018	93018	I21.19	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
93018	93018	I21.29	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
93018	93018	I21.3	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93018	93018	I21.4	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
93018	93018	I24.1	I24.1	Dressler's syndrome
93018	93018	I24.8	I24.8	Other forms of acute ischemic heart disease
93018	93018	I24.9	I24.9	Acute ischemic heart disease, unspecified
93018	93018	I25.110	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
93018	93018	I25.700	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
93018	93018	I25.710	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
93018	93018	I25.720	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
93018	93018	I25.730	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
93018	93018	I25.750	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
93018	93018	I25.760	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
93018	93018	I25.790	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
93018	93018	I34.0	I34.0	Nonrheumatic mitral (valve) insufficiency
93018	93018	I34.1	I34.1	Nonrheumatic mitral (valve) prolapse
93018	93018	I34.2	I34.2	Nonrheumatic mitral (valve) stenosis
93018	93018	I34.8	I34.8	Other nonrheumatic mitral valve disorders
93018	93018	I34.9	I34.9	Nonrheumatic mitral valve disorder, unspecified
93018	93018	I35.0	I35.0	Nonrheumatic aortic (valve) stenosis
93018	93018	I35.1	I35.1	Nonrheumatic aortic (valve) insufficiency
93018	93018	I35.2	I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
93018	93018	I35.8	I35.8	Other nonrheumatic aortic valve disorders
93018	93018	I35.9	I35.9	Nonrheumatic aortic valve disorder, unspecified
93018	93018	I36.0	I36.0	Nonrheumatic tricuspid (valve) stenosis
93018	93018	I36.1	I36.1	Nonrheumatic tricuspid (valve) insufficiency
93018	93018	I36.2	I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
93018	93018	I36.8	I36.8	Other nonrheumatic tricuspid valve disorders
93018	93018	I36.9	I36.9	Nonrheumatic tricuspid valve disorder, unspecified
93018	93018	I37.0	I37.0	Nonrheumatic pulmonary valve stenosis
93018	93018	I37.1	I37.1	Nonrheumatic pulmonary valve insufficiency
93018	93018	I37.2	I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
93018	93018	I37.8	I37.8	Other nonrheumatic pulmonary valve disorders
93018	93018	I37.9	I37.9	Nonrheumatic pulmonary valve disorder, unspecified
93018	93018	I42.0	I42.0	Dilated cardiomyopathy
93018	93018	I42.1	I42.1	Obstructive hypertrophic cardiomyopathy
93018	93018	I42.2	I42.2	Other hypertrophic cardiomyopathy
93018	93018	I42.3	I42.3	Endomyocardial (eosinophilic) disease
93018	93018	I42.4	I42.4	Endocardial fibroelastosis
93018	93018	I42.5	I42.5	Other restrictive cardiomyopathy
93018	93018	I42.6	I42.6	Alcoholic cardiomyopathy
93018	93018	I42.7	I42.7	Cardiomyopathy due to drug and external agent
93018	93018	I42.8	I42.8	Other cardiomyopathies
93018	93018	I42.9	I42.9	Cardiomyopathy, unspecified
93018	93018	I43	I43	Cardiomyopathy in diseases classified elsewhere
93018	93018	I44.0	I44.0	Atrioventricular block, first degree
93018	93018	I44.1	I44.1	Atrioventricular block, second degree
93018	93018	I44.30	I44.30	Unspecified atrioventricular block
93018	93018	I44.4	I44.4	Left anterior fascicular block
93018	93018	I44.5	I44.5	Left posterior fascicular block
93018	93018	I44.60	I44.60	Unspecified fascicular block
93018	93018	I44.69	I44.69	Other fascicular block
93018	93018	I50.1	I50.1	Left ventricular failure
93018	93018	I50.20	I50.20	Unspecified systolic (congestive) heart failure
93018	93018	I50.21	I50.21	Acute systolic (congestive) heart failure
93018	93018	I50.22	I50.22	Chronic systolic (congestive) heart failure
93018	93018	I50.23	I50.23	Acute on chronic systolic (congestive) heart failure
93018	93018	I50.30	I50.30	Unspecified diastolic (congestive) heart failure
93018	93018	I50.31	I50.31	Acute diastolic (congestive) heart failure
93018	93018	I50.32	I50.32	Chronic diastolic (congestive) heart failure
93018	93018	I50.33	I50.33	Acute on chronic diastolic (congestive) heart failure
93018	93018	I50.40	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
93018	93018	I50.41	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
93018	93018	I50.42	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
93018	93018	I50.43	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
93018	93018	I50.9	I50.9	Heart failure, unspecified

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93018	93018	I70.0	I70.0	Atherosclerosis of aorta
93018	93018	I70.201	I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg
93018	93018	I70.202	I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg
93018	93018	I70.203	I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs
93018	93018	I70.208	I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity
93018	93018	I70.209	I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity
93018	93018	I70.211	I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
93018	93018	I70.212	I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
93018	93018	I70.213	I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
93018	93018	I70.218	I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
93018	93018	I70.219	I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity
93018	93018	I70.221	I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg
93018	93018	I70.222	I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg
93018	93018	I70.223	I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
93018	93018	I70.228	I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity
93018	93018	I70.229	I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity
93018	93018	I70.231	I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh
93018	93018	I70.232	I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf
93018	93018	I70.233	I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle
93018	93018	I70.234	I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
93018	93018	I70.235	I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot
93018	93018	I70.238	I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower right leg
93018	93018	I70.239	I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site
93018	93018	I70.241	I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
93018	93018	I70.242	I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf
93018	93018	I70.243	I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
93018	93018	I70.244	I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
93018	93018	I70.245	I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot
93018	93018	I70.248	I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower left leg
93018	93018	I70.249	I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site
93018	93018	I70.25	I70.25	Atherosclerosis of native arteries of other extremities with ulceration
93018	93018	I70.261	I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg
93018	93018	I70.262	I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg
93018	93018	I70.263	I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
93018	93018	I70.268	I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity
93018	93018	I70.269	I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity
93018	93018	I70.90	I70.90	Unspecified atherosclerosis
93018	93018	I70.91	I70.91	Generalized atherosclerosis
93018	93018	I70.92	I70.92	Chronic total occlusion of artery of the extremities
93018	93018	T82.310A	T82.310A	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), initial encounter
93018	93018	T82.310D	T82.310D	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), subsequent encounter
93018	93018	T82.310S	T82.310S	Breakdown (mechanical) of aortic (bifurcation) graft (replacement), sequela
93018	93018	T82.311A	T82.311A	Breakdown (mechanical) of carotid arterial graft (bypass), initial encounter
93018	93018	T82.311D	T82.311D	Breakdown (mechanical) of carotid arterial graft (bypass), subsequent encounter
93018	93018	T82.311S	T82.311S	Breakdown (mechanical) of carotid arterial graft (bypass), sequela
93018	93018	T82.312A	T82.312A	Breakdown (mechanical) of femoral arterial graft (bypass), initial encounter
93018	93018	T82.312D	T82.312D	Breakdown (mechanical) of femoral arterial graft (bypass), subsequent encounter
93018	93018	T82.312S	T82.312S	Breakdown (mechanical) of femoral arterial graft (bypass), sequela
93018	93018	T82.318A	T82.318A	Breakdown (mechanical) of other vascular grafts, initial encounter
93018	93018	T82.318D	T82.318D	Breakdown (mechanical) of other vascular grafts, subsequent encounter
93018	93018	T82.318S	T82.318S	Breakdown (mechanical) of other vascular grafts, sequela
93018	93018	T82.319A	T82.319A	Breakdown (mechanical) of unspecified vascular grafts, initial encounter
93018	93018	T82.319D	T82.319D	Breakdown (mechanical) of unspecified vascular grafts, subsequent encounter
93018	93018	T82.319S	T82.319S	Breakdown (mechanical) of unspecified vascular grafts, sequela
93018	93018	T82.320A	T82.320A	Displacement of aortic (bifurcation) graft (replacement), initial encounter
93018	93018	T82.320D	T82.320D	Displacement of aortic (bifurcation) graft (replacement), subsequent encounter
93018	93018	T82.320S	T82.320S	Displacement of aortic (bifurcation) graft (replacement), sequela
93018	93018	T82.321A	T82.321A	Displacement of carotid arterial graft (bypass), initial encounter
93018	93018	T82.321D	T82.321D	Displacement of carotid arterial graft (bypass), subsequent encounter
93018	93018	T82.321S	T82.321S	Displacement of carotid arterial graft (bypass), sequela
93018	93018	T82.322A	T82.322A	Displacement of femoral arterial graft (bypass), initial encounter
93018	93018	T82.322D	T82.322D	Displacement of femoral arterial graft (bypass), subsequent encounter
93018	93018	T82.322S	T82.322S	Displacement of femoral arterial graft (bypass), sequela
93018	93018	T82.328A	T82.328A	Displacement of other vascular grafts, initial encounter

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93018	93018	T82.328D	T82.328D	Displacement of other vascular grafts, subsequent encounter
93018	93018	T82.328S	T82.328S	Displacement of other vascular grafts, sequela
93018	93018	T82.329A	T82.329A	Displacement of unspecified vascular grafts, initial encounter
93018	93018	T82.329D	T82.329D	Displacement of unspecified vascular grafts, subsequent encounter
93018	93018	T82.329S	T82.329S	Displacement of unspecified vascular grafts, sequela
93018	93018	T82.330A	T82.330A	Leakage of aortic (bifurcation) graft (replacement), initial encounter
93018	93018	T82.330D	T82.330D	Leakage of aortic (bifurcation) graft (replacement), subsequent encounter
93018	93018	T82.330S	T82.330S	Leakage of aortic (bifurcation) graft (replacement), sequela
93018	93018	T82.331A	T82.331A	Leakage of carotid arterial graft (bypass), initial encounter
93018	93018	T82.331D	T82.331D	Leakage of carotid arterial graft (bypass), subsequent encounter
93018	93018	T82.331S	T82.331S	Leakage of carotid arterial graft (bypass), sequela
93018	93018	T82.332A	T82.332A	Leakage of femoral arterial graft (bypass), initial encounter
93018	93018	T82.332D	T82.332D	Leakage of femoral arterial graft (bypass), subsequent encounter
93018	93018	T82.332S	T82.332S	Leakage of femoral arterial graft (bypass), sequela
93018	93018	T82.338A	T82.338A	Leakage of other vascular grafts, initial encounter
93018	93018	T82.338D	T82.338D	Leakage of other vascular grafts, subsequent encounter
93018	93018	T82.338S	T82.338S	Leakage of other vascular grafts, sequela
93018	93018	T82.339A	T82.339A	Leakage of unspecified vascular graft, initial encounter
93018	93018	T82.339D	T82.339D	Leakage of unspecified vascular graft, subsequent encounter
93018	93018	T82.339S	T82.339S	Leakage of unspecified vascular graft, sequela
93018	93018	T82.390A	T82.390A	Other mechanical complication of aortic (bifurcation) graft (replacement), initial encounter
93018	93018	T82.390D	T82.390D	Other mechanical complication of aortic (bifurcation) graft (replacement), subsequent encounter
93018	93018	T82.390S	T82.390S	Other mechanical complication of aortic (bifurcation) graft (replacement), sequela
93018	93018	T82.391A	T82.391A	Other mechanical complication of carotid arterial graft (bypass), initial encounter
93018	93018	T82.391D	T82.391D	Other mechanical complication of carotid arterial graft (bypass), subsequent encounter
93018	93018	T82.391S	T82.391S	Other mechanical complication of carotid arterial graft (bypass), sequela
93018	93018	T82.392A	T82.392A	Other mechanical complication of femoral arterial graft (bypass), initial encounter
93018	93018	T82.392D	T82.392D	Other mechanical complication of femoral arterial graft (bypass), subsequent encounter
93018	93018	T82.392S	T82.392S	Other mechanical complication of femoral arterial graft (bypass), sequela
93018	93018	T82.398A	T82.398A	Other mechanical complication of other vascular grafts, initial encounter
93018	93018	T82.398D	T82.398D	Other mechanical complication of other vascular grafts, subsequent encounter
93018	93018	T82.398S	T82.398S	Other mechanical complication of other vascular grafts, sequela
93018	93018	T82.399A	T82.399A	Other mechanical complication of unspecified vascular grafts, initial encounter
93018	93018	T82.399D	T82.399D	Other mechanical complication of unspecified vascular grafts, subsequent encounter
93018	93018	T82.399S	T82.399S	Other mechanical complication of unspecified vascular grafts, sequela
93018	93018	T82.41XA	T82.41XA	Breakdown (mechanical) of vascular dialysis catheter, initial encounter
93018	93018	T82.41XD	T82.41XD	Breakdown (mechanical) of vascular dialysis catheter, subsequent encounter
93018	93018	T82.41XS	T82.41XS	Breakdown (mechanical) of vascular dialysis catheter, sequela
93018	93018	T82.42XA	T82.42XA	Displacement of vascular dialysis catheter, initial encounter
93018	93018	T82.42XD	T82.42XD	Displacement of vascular dialysis catheter, subsequent encounter
93018	93018	T82.42XS	T82.42XS	Displacement of vascular dialysis catheter, sequela
93018	93018	T82.43XA	T82.43XA	Leakage of vascular dialysis catheter, initial encounter
93018	93018	T82.43XD	T82.43XD	Leakage of vascular dialysis catheter, subsequent encounter
93018	93018	T82.43XS	T82.43XS	Leakage of vascular dialysis catheter, sequela
93018	93018	T82.49XA	T82.49XA	Other complication of vascular dialysis catheter, initial encounter
93018	93018	T82.49XD	T82.49XD	Other complication of vascular dialysis catheter, subsequent encounter
93018	93018	T82.49XS	T82.49XS	Other complication of vascular dialysis catheter, sequela
93018	93018	T82.510A	T82.510A	Breakdown (mechanical) of surgically created arteriovenous fistula, initial encounter
93018	93018	T82.510D	T82.510D	Breakdown (mechanical) of surgically created arteriovenous fistula, subsequent encounter
93018	93018	T82.510S	T82.510S	Breakdown (mechanical) of surgically created arteriovenous fistula, sequela
93018	93018	T82.511A	T82.511A	Breakdown (mechanical) of surgically created arteriovenous shunt, initial encounter
93018	93018	T82.511D	T82.511D	Breakdown (mechanical) of surgically created arteriovenous shunt, subsequent encounter
93018	93018	T82.511S	T82.511S	Breakdown (mechanical) of surgically created arteriovenous shunt, sequela
93018	93018	T82.513A	T82.513A	Breakdown (mechanical) of balloon (counterpulsation) device, initial encounter
93018	93018	T82.513D	T82.513D	Breakdown (mechanical) of balloon (counterpulsation) device, subsequent encounter
93018	93018	T82.513S	T82.513S	Breakdown (mechanical) of balloon (counterpulsation) device, sequela
93018	93018	T82.514A	T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter
93018	93018	T82.514D	T82.514D	Breakdown (mechanical) of infusion catheter, subsequent encounter
93018	93018	T82.514S	T82.514S	Breakdown (mechanical) of infusion catheter, sequela
93018	93018	T82.515A	T82.515A	Breakdown (mechanical) of umbrella device, initial encounter
93018	93018	T82.515D	T82.515D	Breakdown (mechanical) of umbrella device, subsequent encounter
93018	93018	T82.515S	T82.515S	Breakdown (mechanical) of umbrella device, sequela
93018	93018	T82.518A	T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter
93018	93018	T82.518D	T82.518D	Breakdown (mechanical) of other cardiac and vascular devices and implants, subsequent encounter

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93018	93018	T82.518S	T82.518S	Breakdown (mechanical) of other cardiac and vascular devices and implants, sequela
93018	93018	T82.520A	T82.520A	Displacement of surgically created arteriovenous fistula, initial encounter
93018	93018	T82.520D	T82.520D	Displacement of surgically created arteriovenous fistula, subsequent encounter
93018	93018	T82.520S	T82.520S	Displacement of surgically created arteriovenous fistula, sequela
93018	93018	T82.521A	T82.521A	Displacement of surgically created arteriovenous shunt, initial encounter
93018	93018	T82.521D	T82.521D	Displacement of surgically created arteriovenous shunt, subsequent encounter
93018	93018	T82.521S	T82.521S	Displacement of surgically created arteriovenous shunt, sequela
93018	93018	T82.523A	T82.523A	Displacement of balloon (counterpulsation) device, initial encounter
93018	93018	T82.523D	T82.523D	Displacement of balloon (counterpulsation) device, subsequent encounter
93018	93018	T82.523S	T82.523S	Displacement of balloon (counterpulsation) device, sequela
93018	93018	T82.524A	T82.524A	Displacement of infusion catheter, initial encounter
93018	93018	T82.524D	T82.524D	Displacement of infusion catheter, subsequent encounter
93018	93018	T82.524S	T82.524S	Displacement of infusion catheter, sequela
93018	93018	T82.525A	T82.525A	Displacement of umbrella device, initial encounter
93018	93018	T82.525D	T82.525D	Displacement of umbrella device, subsequent encounter
93018	93018	T82.525S	T82.525S	Displacement of umbrella device, sequela
93018	93018	T82.528A	T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter
93018	93018	T82.528D	T82.528D	Displacement of other cardiac and vascular devices and implants, subsequent encounter
93018	93018	T82.528S	T82.528S	Displacement of other cardiac and vascular devices and implants, sequela
93018	93018	T82.529A	T82.529A	Displacement of unspecified cardiac and vascular devices and implants, initial encounter
93018	93018	T82.529D	T82.529D	Displacement of unspecified cardiac and vascular devices and implants, subsequent encounter
93018	93018	T82.529S	T82.529S	Displacement of unspecified cardiac and vascular devices and implants, sequela
93018	93018	T82.530A	T82.530A	Leakage of surgically created arteriovenous fistula, initial encounter
93018	93018	T82.530D	T82.530D	Leakage of surgically created arteriovenous fistula, subsequent encounter
93018	93018	T82.530S	T82.530S	Leakage of surgically created arteriovenous fistula, sequela
93018	93018	T82.531A	T82.531A	Leakage of surgically created arteriovenous shunt, initial encounter
93018	93018	T82.531D	T82.531D	Leakage of surgically created arteriovenous shunt, subsequent encounter
93018	93018	T82.531S	T82.531S	Leakage of surgically created arteriovenous shunt, sequela
93018	93018	T82.533A	T82.533A	Leakage of balloon (counterpulsation) device, initial encounter
93018	93018	T82.533D	T82.533D	Leakage of balloon (counterpulsation) device, subsequent encounter
93018	93018	T82.533S	T82.533S	Leakage of balloon (counterpulsation) device, sequela
93018	93018	T82.534A	T82.534A	Leakage of infusion catheter, initial encounter
93018	93018	T82.534D	T82.534D	Leakage of infusion catheter, subsequent encounter
93018	93018	T82.534S	T82.534S	Leakage of infusion catheter, sequela
93018	93018	T82.535A	T82.535A	Leakage of umbrella device, initial encounter
93018	93018	T82.535D	T82.535D	Leakage of umbrella device, subsequent encounter
93018	93018	T82.535S	T82.535S	Leakage of umbrella device, sequela
93018	93018	T82.538A	T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter
93018	93018	T82.538D	T82.538D	Leakage of other cardiac and vascular devices and implants, subsequent encounter
93018	93018	T82.538S	T82.538S	Leakage of other cardiac and vascular devices and implants, sequela
93018	93018	T82.590A	T82.590A	Other mechanical complication of surgically created arteriovenous fistula, initial encounter
93018	93018	T82.590D	T82.590D	Other mechanical complication of surgically created arteriovenous fistula, subsequent encounter
93018	93018	T82.590S	T82.590S	Other mechanical complication of surgically created arteriovenous fistula, sequela
93018	93018	T82.591A	T82.591A	Other mechanical complication of surgically created arteriovenous shunt, initial encounter
93018	93018	T82.591D	T82.591D	Other mechanical complication of surgically created arteriovenous shunt, subsequent encounter
93018	93018	T82.591S	T82.591S	Other mechanical complication of surgically created arteriovenous shunt, sequela
93018	93018	T82.593A	T82.593A	Other mechanical complication of balloon (counterpulsation) device, initial encounter
93018	93018	T82.593D	T82.593D	Other mechanical complication of balloon (counterpulsation) device, subsequent encounter
93018	93018	T82.593S	T82.593S	Other mechanical complication of balloon (counterpulsation) device, sequela
93018	93018	T82.594A	T82.594A	Other mechanical complication of infusion catheter, initial encounter
93018	93018	T82.594D	T82.594D	Other mechanical complication of infusion catheter, subsequent encounter
93018	93018	T82.594S	T82.594S	Other mechanical complication of infusion catheter, sequela
93018	93018	T82.595A	T82.595A	Other mechanical complication of umbrella device, initial encounter
93018	93018	T82.595D	T82.595D	Other mechanical complication of umbrella device, subsequent encounter
93018	93018	T82.595S	T82.595S	Other mechanical complication of umbrella device, sequela
93018	93018	T82.598A	T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter
93018	93018	T82.598D	T82.598D	Other mechanical complication of other cardiac and vascular devices and implants, subsequent encounter
93018	93018	T82.598S	T82.598S	Other mechanical complication of other cardiac and vascular devices and implants, sequela
93018	93018	T82.6XXA	T82.6XXA	Infection and inflammatory reaction due to cardiac valve prosthesis, initial encounter
93018	93018	T82.6XXD	T82.6XXD	Infection and inflammatory reaction due to cardiac valve prosthesis, subsequent encounter
93018	93018	T82.6XXS	T82.6XXS	Infection and inflammatory reaction due to cardiac valve prosthesis, sequela
93018	93018	T82.7XXA	T82.7XXA	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter
93018	93018	T82.7XXD	T82.7XXD	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, subsequent encounter
93018	93018	T82.7XXS	T82.7XXS	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, sequela

Code Value (from)	Code Value (to)	Code Value (from)	Code Value (to)2	Description
93018	93018	T82.817A	T82.817A	Embolism due to cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.817D	T82.817D	Embolism due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.817S	T82.817S	Embolism due to cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.827A	T82.827A	Fibrosis due to cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.827D	T82.827D	Fibrosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.827S	T82.827S	Fibrosis due to cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.837A	T82.837A	Hemorrhage due to cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.837D	T82.837D	Hemorrhage due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.837S	T82.837S	Hemorrhage due to cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.847A	T82.847A	Pain due to cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.847D	T82.847D	Pain due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.847S	T82.847S	Pain due to cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.857A	T82.857A	Stenosis of other cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.857D	T82.857D	Stenosis of other cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.857S	T82.857S	Stenosis of other cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.867A	T82.867A	Thrombosis due to cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.867D	T82.867D	Thrombosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.867S	T82.867S	Thrombosis due to cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.897A	T82.897A	Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.897D	T82.897D	Other specified complication of cardiac prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.897S	T82.897S	Other specified complication of cardiac prosthetic devices, implants and grafts, sequela
93018	93018	T82.898A	T82.898A	Other specified complication of vascular prosthetic devices, implants and grafts, initial encounter
93018	93018	T82.898D	T82.898D	Other specified complication of vascular prosthetic devices, implants and grafts, subsequent encounter
93018	93018	T82.898S	T82.898S	Other specified complication of vascular prosthetic devices, implants and grafts, sequela
93018	93018	T82.9XXA	T82.9XXA	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, initial encounter
93018	93018	T82.9XXD	T82.9XXD	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, subsequent encounter
93018	93018	T82.9XXS	T82.9XXS	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, sequela
93018	93018	T86.20	T86.20	Unspecified complication of heart transplant
93018	93018	T86.21	T86.21	Heart transplant rejection
93018	93018	T86.22	T86.22	Heart transplant failure
93018	93018	T86.23	T86.23	Heart transplant infection
A9500				
A9501				
A9502				
A9505				
A9512				
A9538				
A9560				
J0153				
J1245				
J1250				
J2785				
J3490				