



# ICD-9-CM to ICD-10-CM Diagnosis Code Crosswalk:

Cardiac Rhythm and Heart Failure Diagnoses

## Diagnosis code crosswalk

ICD-10 went into effect October 1, 2015. From that date forward, all physicians and other healthcare providers must use ICD-10-CM to code diagnoses. In addition, hospitals will be required to use a new coding system called ICD-10-CM/PCS for their inpatient cases. CPT codes will still be used by physicians who do procedures in the hospital or in their offices, as well as by hospitals and ambulatory surgical centers to code their outpatient procedures. Below is a quick reference guide:

Who is coding?	Where was the procedure done?	Which diagnosis coding system should be used?	Which procedure coding system should be used?
Hospital	Inpatient Facility	ICD -10-CM	ICD-10-PCS
Hospital	Outpatient Facility	ICD -10-CM	CPT (HCPCS)
Physician or other HCP	Office or Inpatient/ Outpatient Facility	ICD -10-CM	CPT (HCPCS)
Ambulatory Surgical Center	Outpatient Facility	ICD -10-CM	CPT (HCPCS)

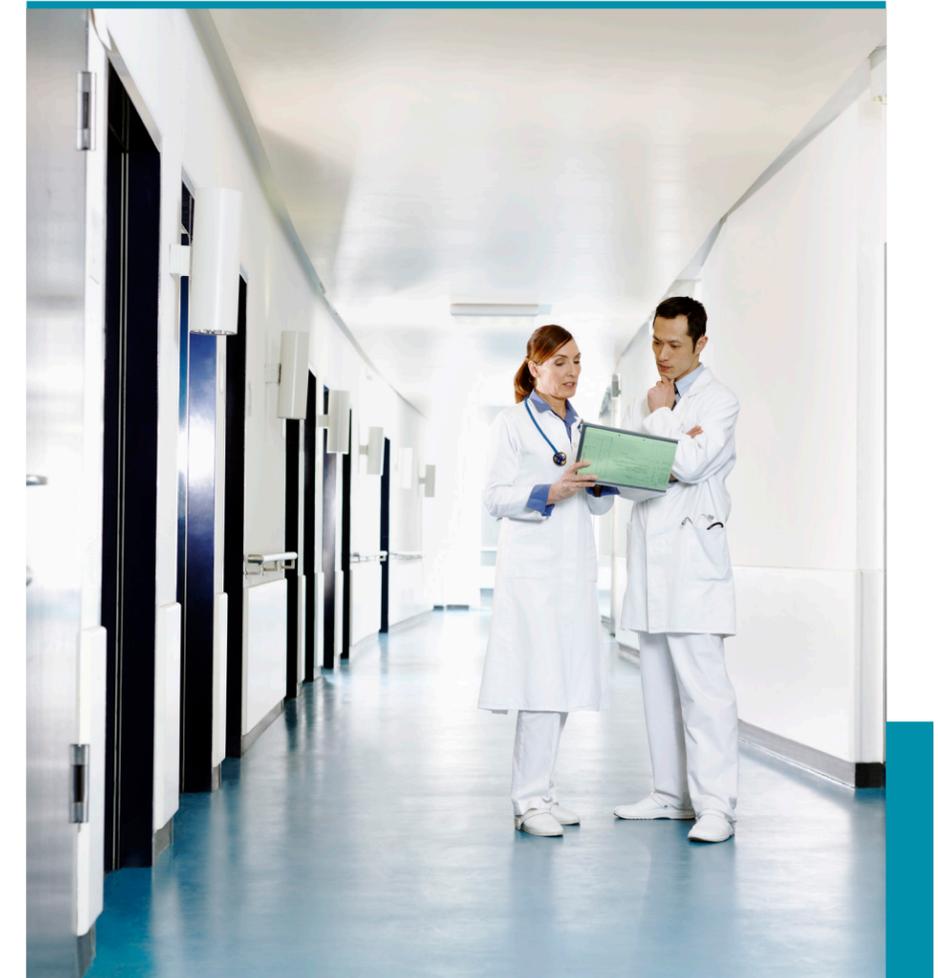
The table shown in the foldout is a crosswalk for translating ICD-9-CM codes to their ICD-10-CM or ICD-10-CM/PCS equivalents for the codes most commonly utilized by professionals who bill for cardiac rhythm management procedures. This table is provided as a quick reference, and should not be considered a replacement for resources including the following:

1. CMS ICD-10-CM Resource Center:  
<https://www.cms.gov/Medicare/Coding/ICD10/Index.html>
2. The AHA ICD-10-CM Codebook:  
[https://commerce.ama-assn.org/store/catalog/subCategoryDetail.jsp?category\\_id=cat1150010&navAction=push](https://commerce.ama-assn.org/store/catalog/subCategoryDetail.jsp?category_id=cat1150010&navAction=push)
3. The AHA ICD-10-CM/PCS Codebook:  
[https://commerce.ama-assn.org/store/catalog/productDetail.jsp?product\\_id=prod2610008&navAction=push](https://commerce.ama-assn.org/store/catalog/productDetail.jsp?product_id=prod2610008&navAction=push)

ICD-9-CM refers to International Classification of Disease, Ninth Revision Code Modification

ICD-10-CM refers to International Classification of Disease, Tenth Revision Code Modification

ICD-10-CM/PCS refers to International Classification of Disease, Tenth Revision Code Modification / Procedure Coding System



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BIOTRONIK, Inc.  
6024 Jean Road  
Lake Oswego, OR 97035-5369  
(800) 547-0394 (24-hour)  
(800) 291-0470 (fax)  
[www.biotronik.com](http://www.biotronik.com)

**NOTE**

If you are viewing this document in PDF format, you may use the search function to quickly locate an ICD-9 or ICD-10 code to facilitate translating into that code's respective ICD-10 or ICD-9 code.

ICD-9-CM		ICD-10-CM	
402.11	Hypertensive heart disease, benign, with heart failure	111.0	Hypertensive heart disease with heart failure
402.91	Hypertensive heart disease, unspecified, with heart failure		
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified		
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	113.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified		
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified		
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	113.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease		
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease		
412	Old myocardial infarction	125.2	Old myocardial infarction
414.8	Other specified forms of chronic ischemic heart disease (used for ischemic cardiomyopathy)	125.5	Ischemic cardiomyopathy
425.11	Hypertrophic obstructive cardiomyopathy	142.1	Obstructive hypertrophic cardiomyopathy
425.4	Other primary cardiomyopathies	142.0	Dilated cardiomyopathy (congestive)
		142.5	Other restrictive cardiomyopathy (constrictive cardiomyopathy)
		142.5	Other restrictive cardiomyopathy (constrictive cardiomyopathy)
		142.9	Cardiomyopathy, unspecified
426.0	AV block, complete	144.2	Atrioventricular block, complete
426.1	AV block, unspecified	144.30	Unspecified atrioventricular block
426.11	AV block, first degree	144.0	Atrioventricular block, first degree
426.12	AV block, Mobitz II	144.1	Atrioventricular block, second degree
426.13	AV block, other second degree		
426.2	Left bundle branch hemiblock	144.4	Left anterior fascicular block
		144.5	Left posterior fascicular block
		144.60	Unspecified fascicular block
426.3	Other left bundle branch block	144.69	Other fascicular block
		144.7	Left bundle branch block, unspecified
426.4	Right bundle branch block	145.0	Right fascicular block
		145.10	Unspecified right bundle branch block
		145.19	Other right bundle branch block
426.50	Bundle branch block, unspecified	145.4	Nonspecific intraventricular block (BBB NOS)
426.51	RBBB and left posterior fascicular block	145.2	Bifascicular block
426.52	RBBB and left anterior fascicular block		
426.53	Bilateral bundle branch block, other		
426.54	Trifascicular block	145.3	Trifascicular block
426.6	Other heart block	145.5	Other specified heart block

ICD-9-CM		ICD-10-CM	
426.7	Anomalous atrioventricular excitation (WPW)	145.6	Pre-excitation syndrome (WPW) (LGL)
426.81	Lown-Ganong-Levine syndrome (LGL)		
426.82	Long QT syndrome I45.81 Long QT syndrome	145.81	Long QT syndrome
426.89	Other specified conduction disorders	145.89	Other specified conduction disorders
426.9	Conduction disorder, unspecified	145.9	Conduction disorder, unspecified
427.0	Paroxysmal supraventricular tachycardia	147.1	Supraventricular tachycardia (includes AVNRT)
		149.2	Junctional premature depolarization
427.1	Paroxysmal ventricular tachycardia	147.0	Re-entry ventricular arrhythmia
		147.2	Ventricular tachycardia
427.2	Paroxysmal tachycardia, unspecified	147.9	Paroxysmal tachycardia, unspecified
427.31	Atrial fibrillation	148.0	Paroxysmal atrial fibrillation
		148.1	Persistent atrial fibrillation
		148.2	Chronic atrial fibrillation
		148.91	Unspecified atrial fibrillation
427.32	Atrial flutter	148.3	Typical atrial flutter (type I)
		148.4	Atypical atrial flutter (type II)
		148.92	Unspecified atrial flutter
427.41	Ventricular fibrillation	149.01	Ventricular fibrillation
427.42	Ventricular flutter	149.02	Ventricular flutter
427.5	Cardiac Arrest	146.2	Cardiac arrest due to underlying cardiac condition
		146.8	Cardiac arrest due to other underlying condition
		146.9	Cardiac arrest, cause unspecified
427.60	Premature beats, unspecified	149.40	Unspecified premature depolarization
427.61	Supraventricular premature beats	149.1	Atrial premature depolarization
427.69	Other premature beats	149.3	Ventricular premature depolarization
		149.49	Other premature depolarization
427.81	Sinoatrial node dysfunction (SSS)	149.5	Sick sinus syndrome (tachy-brady syndrome)
		R00.1	Bradycardia, unspecified
427.89	Other specified cardiac dysrhythmias	149.8	Other specified cardiac arrhythmias
427.9	Cardiac dysrhythmia, unspecified	149.9	Cardiac arrhythmia, unspecified
428.0	Congestive heart failure, unspecified	150.9	Heart failure, unspecified
428.1	Left heart failure	150.1	Left ventricular failure
428.30	Systolic heart failure, unspecified	150.20	Unspecified systolic (congestive) heart failure
428.21	Acute systolic heart failure	150.21	Acute systolic (congestive) heart failure
428.22	Chronic systolic heart failure	150.22	Chronic systolic (congestive) heart failure
428.23	Acute on chronic systolic heart failure	150.23	Acute on chronic systolic (congestive) heart failure
428.30	Unspecified diastolic heart failure	150.30	Unspecified diastolic (congestive) heart failure
428.31	Acute diastolic heart failure	150.31	Acute diastolic (congestive) heart failure
428.32	Chronic diastolic heart failure	150.32	Chronic diastolic (congestive) heart failure
428.33	Acute on chronic diastolic heart failure	150.33	Acute on chronic diastolic (congestive) heart failure
428.40	Unspecified combined systolic and diastolic heart failure	150.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
428.41	Acute combined systolic and diastolic heart failure	150.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
428.42	Chronic combined systolic and diastolic heart failure	150.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
428.43	Acute on chronic combined systolic and diastolic heart failure	150.43	Acute on chronic combined systolic (congestive) and diastolic heart failure
428.9	Unspecified heart failure	150.9	Heart failure, unspecified
428.91	Cerebral artery occlusion, unspecified (used for cryptogenic ischemic stroke)	163.9	Cerebral infarction, unspecified
435.9	Unspecified transient cerebral ischemia	G45.9	Transient cerebral ischemic attack, unspecified
780.2	Syncope	R55	Syncope
780.4	Dizziness	R42	Dizziness

ICD-9-CM		ICD-10-CM	
785.0	Tachycardia, unspecified	R00.0	Tachycardia, unspecified
785.1	Palpitations	R00.2	Palpitations
785.50	Shock, unspecified	R57.9	Shock, unspecified
785.51	Cardiogenic shock	R57.0	Cardiogenic shock
785.59	Shock, other	R57.1	Hypovolemic shock
		R57.8	Other shock
786.50	Chest pain, unspecified	R07.9	Chest pain, unspecified
786.51	Precordial pain	R07.2	Precordial pain
786.59	Chest pain , other	R07.89	Other chest pain
794.31	Abnormal electrocardiogram	R94.31	Abnormal electrocardiogram
996.01 or 996.04	Mechanical complication due to cardiac pacemaker Mechanical complication due to implantable defibrillator	T82.110A	Breakdown (mechanical) of cardiac electrode, initial encounter
		T82.111A	Breakdown (mechanical) of cardiac pulse generator, initial encounter
		T82.118A	Breakdown (mechanical) of other cardiac electronic device, initial encounter
		T82.120A	Displacement of cardiac electrode, initial encounter
		T82.121A	Displacement of cardiac pulse generator, initial encounter
		T82.128A	Displacement of other cardiac electronic device, initial encounter
		T82.190A	Other mechanical complication of cardiac electrode, initial encounter
		T82.191A	Other mechanical complication of cardiac pulse generator, initial encounter
		T82.198A	Other mechanical complication of other cardiac electronic device, initial encounter
996.61	Infection due to cardiac device, implant and graft	T82.7xxA	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter
996.72	Other complication due to other cardiac device, implant and graft	T82.817A	Embolism of cardiac prosthetic devices, implants and grafts, initial encounter
		T82.827A	Fibrosis of cardiac prosthetic devices, implants and grafts, initial encounter
		T82.837A	Hemorrhage of cardiac prosthetic devices, implants, grafts, initial encounter
		T82.847A	Pain from cardiac prosthetic devices, implants and grafts, initial encounter
		T82.857A	Stenosis of cardiac prosthetic devices, implants and grafts, initial encounter
		T82.867A	Thrombosis of cardiac prosthetic devices, implants, grafts, initial encounter
		T82.897A	Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter
V12.53	Personal history of sudden cardiac arrest (SCD) [successfully resuscitated]	Z86.74	Personal history of sudden cardiac arrest (SCD) [successfully resuscitated]
V17.41	Family history of sudden cardiac death (SCD)	Z82.41	Family history of sudden cardiac death
V45.01	Cardiac pacemaker in situ	Z95.0	Presence of cardiac pacemaker
V45.02	Automatic implantable cardiac defibrillator in situ	Z95.810	Presence of automatic (implantable) cardiac defibrillator
V45.09	Other specified cardiac device in situ	Z95.818	Presence of other cardiac implants and grafts
V53.31	Fitting and adjustment of cardiac pacemaker	Z45.010	Encounter for checking and testing of cardiac pacemaker pulse generator [battery]
		Z45.018	Encounter for adjustment and management of other part of cardiac pacemaker
V53.32	Fitting and adjustment of automatic implantable cardiac defibrillator	Z45.02	Encounter for adjustment and management of automatic implantable cardiac defibrillator
V53.39	Fitting and adjustment of other cardiac device	Z45.09	Encounter for adjustment and management of other cardiac device