



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
3. The AHA ICD-10-CM/PCS Codebook:
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

ICD-9-CM to ICD-10-PCS Procedure Code Crosswalk:

Pacemakers, leads, and accessories



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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/PCS	
SINGLE AND DUAL-CHAMBER PACEMAKER DEVICES			
37.81	Initial insertion of single-chamber device, not specified as rate responsive	0JH604Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, open approach
		0JH634Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, percutaneous approach
		0JH804Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, open approach
		0JH834Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, percutaneous approach
37.82	Initial insertion of single-chamber device, rate responsive	0JH605Z	Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, open approach
		0JH635Z	Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, percutaneous approach
		0JH805Z	Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, open approach
		0JH835Z	Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, percutaneous approach
37.83	Initial insertion of dual-chamber device	0JH606Z	Insertion of pacemaker, dual chamber into chest subcutaneous tissue and fascia, open approach
		0JH636Z	Insertion of pacemaker, dual chamber into chest subcutaneous tissue and fascia, percutaneous approach
		0JH806Z	Insertion of pacemaker, dual chamber into abdomen subcutaneous tissue and fascia, open approach
		0JH836Z	Insertion of pacemaker, dual chamber into abdomen subcutaneous tissue and fascia, percutaneous approach
37.85	Replacement of any type pacemaker device with single-chamber device, not specified as rate responsive	0JH604Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, open approach
		0JH634Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, percutaneous approach
		0JH804Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, open approach
		0JH834Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, percutaneous approach
		<i>plus code below for replacements</i>	
		0JPT0PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach
		0JPT3PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach
37.86	Replacement of any type pacemaker device with single-chamber device, rate responsive	0JH605Z	Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, open approach
		0JH635Z	Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, percutaneous approach
		0JH805Z	Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, open approach
		0JH835Z	Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, percutaneous approach
		<i>plus code below for replacements</i>	
		0JPT0PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach
		0JPT3PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach

ICD-9-CM		ICD-10-CM/PCS	
37.87	Replacement of any type pacemaker device with dual-chamber device	0JH606Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, open approach
		0JH636Z	Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, percutaneous approach
		0JH806Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, open approach
		0JH836Z	Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, percutaneous approach
		<i>plus code below for replacements</i>	
		0JPT0PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach
		0JPT3PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach
LEAD PLACEMENT OR REVISION			
37.71	Initial insertion of transvenous lead (electrode) into ventricle	02HK3JZ	Insertion of pacemaker lead into right ventricle, percutaneous approach
37.72	Initial insertion of transvenous lead (electrode) into atrium and ventricle	02H63JZ	Insertion of pacemaker lead into right atrium, percutaneous approach
		02HK3JZ	Insertion of pacemaker lead into right ventricle, percutaneous approach
37.73	Initial insertion of transvenous lead (electrode) into atrium	02H63JZ	Insertion of pacemaker lead into right atrium, percutaneous approach
37.74	Insertion or replacement of epicardial lead (electrode) into epicardium	02HN0JZ	Insertion of pacemaker lead into pericardium, open approach
		02HN4JZ	Insertion of pacemaker lead into pericardium, percutaneous endoscopic approach
		<i>plus code below for replacements</i>	
		02PA0MZ	Removal of cardiac lead from heart, open approach
37.75	Revision of lead (electrode)	02PA4MZ	Removal of cardiac lead from heart, percutaneous endoscopic approach
		02WA0MZ	Revision of cardiac lead in heart, open approach
		02WA3MZ	Revision of cardiac lead in heart, percutaneous approach
37.76	Replacement of transvenous atrial and/or ventricular lead(s) (electrode)	02WA4MZ	Revision of cardiac lead in heart, percutaneous endoscopic approach
		02H63JZ	Insertion of pacemaker lead into right atrium, percutaneous approach
		02HK3JZ	Insertion of pacemaker lead into right ventricle, percutaneous approach
		<i>plus code below for replacements</i>	
37.77	Removal of lead(s) (electrode) without replacement	02PA3MZ	Removal of cardiac lead from heart, percutaneous approach
		02PAXMZ	Removal of cardiac lead from heart, external approach
		02PA0MZ	Removal of cardiac lead from heart, open approach
37.78	Insertion of temporary transvenous pacemaker system	02PA3MZ	Removal of cardiac lead from heart, percutaneous approach
		02PA4MZ	Removal of cardiac lead from heart, percutaneous endoscopic approach
		02PAXMZ	Removal of cardiac lead from heart, external approach
TEMPORARY PACEMAKER SYSTEMS			
37.79	Revision or relocation of cardiac device pocket	5A1213Z	Performance of cardiac pacing, intermittent
		5A1223Z	Performance of cardiac pacing, continuous
POCKET REVISION/RELOCATION			
37.89	Revision or removal of pacemaker device	0JWT0PZ	Revision of cardiac rhythm related device in trunk subcutaneous tissue and fascia, open approach
		0JWT3PZ	Revision of cardiac rhythm related device in trunk subcutaneous tissue and fascia, percutaneous approach
		0JPT0PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach
		0JPT3PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach

ICD-9-CM		ICD-10-CM/PCS	
CARDIAC RESYNCHRONIZATION PACEMAKER SYSTEMS AND LV LEADS			
00.50	Implantation of cardiac resynchronization pacemaker without mention of defibrillation, total system (CRT-P)	02H43JZ	Insertion of pacemaker lead into coronary vein, percutaneous approach
		<i>and/or</i>	
		02H63JZ	Insertion of pacemaker lead into right atrium, percutaneous approach
		<i>and/or</i>	
		02HK3JZ	Insertion of pacemaker lead into right ventricle, percutaneous approach
		<i>and/or</i>	
		02HN0JZ	Insertion of pacemaker lead into pericardium, open approach
		02HN4JZ	Insertion of pacemaker lead into pericardium, percutaneous endoscopic approach
		<i>and</i>	
		0JH607Z	Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, open approach
00.52	Implantation or replacement of transvenous lead (electrode) into left ventricular coronary venous system	0JH637Z	Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, percutaneous approach
		0JH807Z	Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, open approach
		0JH837Z	Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, percutaneous approach
		02H43JZ	Insertion of pacemaker lead into coronary vein, percutaneous approach
<i>and</i>			
02PA3MZ	Removal of cardiac lead from heart, percutaneous approach		
00.53	Implantation or replacement of cardiac resynchronization pacemaker, pulse generator only (CRT-P)	0JH607Z	Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, open approach
		0JH637Z	Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, percutaneous approach
		0JH807Z	Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, open approach
		0JH837Z	Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, percutaneous approach
		<i>and</i>	
		0JPT0PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach
		0JPT3PZ	Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach
RELATED EP STUDIES AND MONITORING PROCEDURES			
37.20	Noninvasive programmed electrical stimulation (NIPS)	4A02X4Z	Measurement of cardiac electrical activity, external approach
		4A02XFZ	Measurement of cardiac rhythm, external approach
37.26	Catheter based invasive electrophysiologic testing	4A023FZ	Measurement of cardiac rhythm, percutaneous approach
		<i>and, if utilized</i>	
		3E053KZ	Introduction of other diagnostic substance into peripheral artery, percutaneous approach
		3E063KZ	Introduction of other diagnostic substance into central artery, percutaneous approach
		<i>and, if utilized</i>	
37.27	Cardiac mapping	02K83ZZ	Map conduction mechanism, percutaneous approach
89.45	Artificial pacemaker rate check	4B02XSZ	Measurement of cardiac pacemaker, external approach
89.46	Artificial pacemaker artifact wave form check		
89.47	Artificial pacemaker electrode impedance check		
89.48	Artificial pacemaker voltage or amperage threshold check		

Billing and coding information provided here is suggestive. Healthcare providers are encouraged to consult with payers to obtain appropriate guidance and avoid disputes.