



CARDIAC RHYTHM DISEASE MANAGEMENT: SELECT PHYSICIAN PROCEDURE SCENARIOS

2007 Medicare National Physician Payment Rates

DEVICE IMPLANT, UPGRADE, AND REPLACEMENT SCENARIOS

CPT ^{®1} Code	Brief Description	2007 Medicare National Payment Rate ²
Single chamber pacemaker implant; atrial lead		
33206	Insert single chamber pacemaker (generator and leads)	\$445
71090-26	Fluoroscopy	\$28
	Payment Total	\$473

Single chamber pacemaker implant; ventricular lead		
33207	Insert single chamber pacemaker (generator and leads)	\$518
71090-26	Fluoroscopy	\$28
	Payment Total	\$546

Dual chamber pacemaker implant		
33208	Insert dual chamber pacemaker (generator and leads)	\$485
71090-26	Fluoroscopy	\$28
	Payment Total	\$513

Dual chamber pacemaker generator replacement		
33213	Insert dual chamber pacemaker generator	\$380
33233-51	Removal of pacemaker generator (Paid at 50%)	\$123
	Payment Total	\$503

CRT-P implant		
33208	Insert dual chamber pacemaker (generator and leads)	\$485
+33225	Insert LV lead	\$436
71090-26	Fluoroscopy	\$28
	Payment Total	\$949

Upgrade dual chamber pacemaker to CRT-P		
33213	Insert dual chamber pacemaker generator	\$380
+33225	Insert LV lead	\$436
33233-51	Removal of pacemaker generator (Paid at 50%)	\$123
71090-26	Fluoroscopy	\$28
	Payment Total	\$967

CPT Code	Brief Description	2007 Medicare National Payment Rate
Upgrade dual chamber pacemaker to CRT-D		
+33225	Insert LV lead	\$436
33233-51	Removal of pacemaker generator (Paid at 50%)	\$123
33240	Insert dual chamber ICD generator	\$456
71090-26	Fluoroscopy	\$28
	Payment Total	\$1,043

Insert epicardial lead and CRT-P system		
33203	Insertion of epicardial electrode(s); endoscopic approach	\$766
33208-51	Insert dual chamber pacemaker (generator and leads) (Paid at 50%)	\$243
+33225	Insert LV lead	\$436
71090-26	Fluoroscopy	\$28
	Payment Total	\$1,473

ICD generator implant		
33249	Implant single or dual chamber ICD defibrillator (generator and leads)	\$878
71090-26	Fluoroscopy	\$28
93641-26	Test generator/leads at implant	\$313
	Payment Total	\$1,219

ICD generator replacement		
33240	Insert single or dual chamber ICD generator	\$456
33241-51	Removal of single or dual chamber ICD generator (Paid at 50%)	\$115
93641-26	Test generator/leads at implant	\$313
	Payment Total	\$884

CRT-D implant		
+33225	Insert LV lead	\$436
33249	Implant single or dual chamber ICD defibrillator (generator and leads)	\$878
71090-26	Fluoroscopy	\$28
93641-26	Test generator/leads at implant	\$313
	Payment Total	\$1,655

DEVICE IMPLANT, UPGRADE, AND REPLACEMENT SCENARIOS (continued)

CPT ^{®1} Code	Brief Description	2007 Medicare National Payment Rate ²
Upgrade dual chamber ICD to CRT-D		
+33225	Insert LV lead	\$436
33240	Insert single or dual chamber ICD generator	\$456
33241-51	Removal of single or dual chamber ICD generator (Paid at 50%)	\$115
71090-26	Fluoroscopy	\$28
93641-26	Test generator/leads at implant	\$313
	Payment Total	\$1,348

Implant Reveal[®] insertable loop recorder		
33282	Implant patient-activated cardiac event recorder	\$324

CPT Code	Brief Description	2007 Medicare National Payment Rate
Insert epicardial lead and CRT-D system		
33203-51	Insertion of epicardial electrode(s); endoscopic approach (Paid at 50%)	\$383
+33225	Insert LV lead	\$436
33249	Implant single or dual chamber ICD defibrillator (generator and leads)	\$878
71090-26	Fluoroscopy	\$28
93641-26	Test generator/leads at implant	\$313
	Payment Total	\$2,038

Remove Reveal insertable loop recorder		
33284	Implant patient-activated cardiac event recorder	\$241

DEVICE FOLLOW-UP

CPT Code	Brief Description	2007 Medicare National Payment Rate
Dual chamber pacemaker, without reprogramming The Medtronic CareLink[®] Network		
93731-TC	Electronic analysis of dual chamber pacemaker system; without reprogramming (technical component)	\$21
93731-26	(professional component)	\$23
93731 (Global)	(global fee)	\$44

Dual chamber pacemaker, with reprogramming		
93732-TC	Electronic analysis of dual chamber pacemaker system; with reprogramming (technical component)	\$22
93732-26	(professional component)	\$48
93732 (Global)	(global fee)	\$70

Single chamber pacemaker, without reprogramming The Medtronic CareLink Network		
93734-TC	Electronic analysis of single chamber pacemaker system; without reprogramming (technical component)	\$16
93734-26	(professional component)	\$19
93734 (Global)	(global fee)	\$35

Dual chamber pacemaker, with reprogramming		
93735-TC	Electronic analysis of single chamber pacemaker system; with reprogramming (technical component)	\$19
93735-26	(professional component)	\$38
93735 (Global)	(global fee)	\$57

Dual chamber pacemaker transtelephonic monitoring (TTM)		
93733-TC	Electronic analysis of dual chamber pacemaker system; with reprogramming (technical component)	\$31
93733-26	(professional component)	\$9
93733 (Global)	(global fee)	\$40

Single chamber pacemaker transtelephonic monitoring (TTM)		
93736-TC	Electronic analysis of single chamber pacemaker system; with reprogramming (technical component)	\$28
93736-26	(professional component)	\$8
93736 (Global)	(global fee)	\$36

CPT Code	Brief Description	2007 Medicare National Payment Rate
Electronic analysis of Reveal insertable loop recorder		
93727	Electronic analysis of insertable loop recorder (ILR) system	\$30

Single chamber ICD, without reprogramming The Medtronic CareLink Network		
93741-TC	Electronic analysis of pacing cardioverter-defibrillator, single chamber or wearable ICD system; without reprogramming (technical component)	\$26
93741-26	(professional component)	\$41
93741 (Global)	(global fee)	\$67

Single chamber ICD, with reprogramming		
93742-TC	Electronic analysis of pacing cardioverter-defibrillator, single chamber ICD system; with reprogramming (technical component)	\$27
93742-26	(professional component)	\$47
93742 (Global)	(global fee)	\$74

Dual chamber ICD, without reprogramming The Medtronic CareLink Network		
93743-TC	Electronic analysis of pacing cardioverter-defibrillator, dual chamber ICD system; without reprogramming (technical component)	\$28
93743-26	(professional component)	\$53
93743 (Global)	(global fee)	\$81

Dual chamber ICD, with reprogramming		
93744-TC	Electronic analysis of pacing cardioverter-defibrillator, dual chamber ICD system; with reprogramming (technical component)	\$27
93744-26	(professional component)	\$61
93744 (Global)	(global fee)	\$88

Analysis and Programming Note:

In the office, Analysis and Programming may be furnished by a physician, practitioner with an incident to benefit, or auxiliary personnel under the direct supervision of the physician (or other practitioner), with or without support from a manufacturer's representative. The patient or payer should not be billed for services rendered solely by the manufacturer's representative. Contact your local contractor/payer for interpretation of applicable policies.

ECHOCARDIOGRAPHY PROCEDURES

CPT ^{®1} Code	Brief Description	2007 Medicare National Payment Rate ²
Echocardiography complete		
93307-TC	Echocardiography, transthoracic, real time with image documentation (2D) with or without M-mode recording; complete (technical component)	\$150
93307-26	(professional component)	\$47
93307 (Global)	(global fee)	\$197

Doppler echocardiography complete		
+93320-TC	Doppler Echocardiography, pulsed wave and/or continuous wave with spectral display; complete (technical component)	\$67
+93320-26	(professional component)	\$20
+93320 (Global)	(global fee)	\$87

Doppler color flow		
+93325-TC	Doppler Echocardiography, color flow velocity mapping (technical component)	\$96
+93325-26	(professional component)	\$4
+93325 (Global)	(global fee)	\$100

CPT Code	Brief Description	2007 Medicare National Payment Rate
Echocardiography follow-up or limited study		
93308-TC	Echocardiography, transthoracic, real time with image documentation (2D) with or without M-mode recording; follow-up or limited study (technical component)	\$82
93308-26	(professional component)	\$28
93308 (Global)	(global fee)	\$110

Doppler echocardiography follow-up or limited study		
+93321-TC	Doppler Echocardiography, pulsed wave and/or continuous wave with spectral display; follow-up or limited study (technical component)	\$40
+93321-26	(professional component)	\$8
+93321 (Global)	(global fee)	\$48

ELECTROPHYSIOLOGY PROCEDURES

CPT Code	Brief Description	2007 Medicare National Payment Rate
Comprehensive EP evaluations		
93619-26	Comprehensive EP eval with right atrial pacing and recording, right ventricular pacing and recording, His bundle recording, including insert/reposition of multiple electrode catheters, without induction or attempted induction of arrhythmia	\$396
93620-26	Comprehensive EP eval including insertion/reposition of multiple electrode catheters with induction or attempted induction of arrhythmia	\$623
+93621-26	Comprehensive EP eval including insertion/reposition of multiple electrode catheters with induction or attempted induction of arrhythmia; with left atrial pacing and recording from coronary sinus or left atrium	\$111
+93622-26	Comprehensive EP eval including insertion/reposition of multiple electrode catheters with induction or attempted induction of arrhythmia; with left ventricular pacing and recording	\$164

CPT Code	Brief Description	2007 Medicare National Payment Rate
Recording and mapping		
93600-26	Bundle of His recording	\$113
93602-26	Intra-atrial recording	\$113
93603-26	Right ventricular recording	\$113
+93609-26	Intraventricular and/or intra-atrial mapping of tachycardia site(s) with catheter manipulation to record from multiple sites to identify origin of tachycardia	\$265
93610-26	Intra-atrial pacing	\$160
93612-26	Intraventricular pacing	\$160
+93613	Intracardiac electrophysiologic 3-D mapping	\$372
93615-26	Esophageal recording of atrial electrogram with or without ventricular electrogram(s)	\$47
93616-26	Esophageal recording of atrial electrogram with or without ventricular electrogram(s); with pacing	\$70
93618-26	Induction of arrhythmia by electrical pacing	\$226
+93623	Programmed stimulation and pacing after IV drug infusion	\$151
93624-TC	EP follow-up study with pacing and recording to test effectiveness of therapy, including induction of arrhythmia (technical component)	\$80
93624-26	(professional component)	\$264
93624 (Global)	(global fee)	\$344
93631-26	Intra-operative epicardial and endocardial pacing and mapping to localize the site of tachycardia	\$401
93660-TC	Evaluation of cardiovascular function with tilt table evaluation (technical component)	\$68
93660-26	(professional component)	\$97
93660 (Global)	(global fee)	\$165
+93662-26	Intracardiac echocardiography during therapeutic/diagnostic intervention	\$145

ICD DEVICE TESTING

CPT ^{®1} Code	Brief Description	2007 Medicare National Payment Rate ²
ICD follow-up testing		
93642-TC	EP evaluation of single or dual chamber ICD (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters) (technical component)	\$265
93642-26	(professional component)	\$260
93642 (Global)	(global fee)	\$525

CPT Code	Brief Description	2007 Medicare National Payment Rate
Intra-operative device testing		
93640-26	EP evaluation of single or dual chamber ICD leads including defibrillation threshold evaluation (induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination) at time of initial implantation or replacement (professional component)	\$186
93641-26	EP evaluation of single or dual chamber ICD leads including defibrillation threshold evaluation (induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination) at time of initial implantation or replacement; with testing of single or dual chamber ICD pulse generator (professional component)	\$313

CATHETER ABLATIONS AND CARDIOVERSIONS

CPT Code	Brief Description	2007 Medicare National Payment Rate
Catheter ablations		
93650	Intracardiac catheter ablation of AV node function with or without temporary pacemaker placement	\$568
93651	Intracardiac catheter ablation of arrhythmogenic focus; for treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathways, accessory atrioventricular connections or other atrial foci, singly or in combinations	\$860
93652	Intracardiac catheter ablation of arrhythmogenic focus; for treatment of ventricular tachycardia	\$935

CPT Code	Brief Description	2007 Medicare National Payment Rate
Cardioversions		
92960	Cardioversion, elective, electrical conversion of arrhythmia; external (Facility Rate)	\$127
92961	Cardioversion, elective, electrical conversion of arrhythmia; internal (separate procedure)	\$250

¹ Codes indicated with a + symbol in front of them are "add-on" codes. These procedures are always performed in addition to the primary procedure, and are never reported as stand-alone codes. Modifier -26 entails the professional component of procedures that are a combination of a professional and a technical component. Modifier -51 represents a multiple procedure other than evaluation and management services performed at the same session by the same provider.

² 2007 Medicare national payment rates per Federal Register, Vol 71, No. 231, published 12-1-06 and CMS Transmittal 258, December 22, 2006. Rates effective 1-1-07 through 12-31-07.

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UC200600899b EN
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Printed in USA
February 2007

