

Quick Reference Device Monitoring Codes

GuidePoint

Simplifying Reimbursement

Cardiac Rhythm Management
Reimbursement Update

Updated February 2010

Centers for Medicare and Medicaid Services (CMS) released new CPT[®] codes for cardiac device monitoring, including a new implantable cardiovascular monitor (ICM) code that physicians can use when monitoring the cardiac health of their patients using non rhythm device-based diagnostics from internal or external sensors. Please be aware that **ALL cardiac device monitoring codes have now changed**. All changes became effective January 1, 2009.

What's New

Implantable Cardiovascular Monitor (ICM) Code:

This code impacts physicians responsible for monitoring and managing the cardiovascular health status of patients with implanted cardiac devices, like heart failure patients. Physicians can now bill for remotely monitoring cardiac health status by accessing physiologic cardiovascular data from the device's internal and external sensors.

Device Monitoring Codes:

These codes affect those physicians responsible for following the status of the implanted device by obtaining immediate and historical data from the device. Previously, CMS instructed providers to use the same codes for remote monitoring as in-office follow-ups. With the new rule, coding for remote monitoring of devices will be distinct from in-office device interrogations.

Overview of Changes:

- New payment and codes for work that was billable in the past. For example, there are now specific codes and payment rates for in-person device interrogations and specific codes and payment rates for remote device interrogations.
- New payment and codes for work that was not billable in the past, for example:
 - Peri-procedural device evaluation code—code can be billed by physicians for turning devices on/off prior to and post surgical procedures.
 - Implantable Cardiovascular Monitor (ICM) code—code can be billed by physicians monitoring the cardiac health status of their patient. An ICM is defined as an implantable cardiovascular device that collects data over time from internal sensors (such as respiratory rate,¹ right ventricular pressure, left atrial pressure or an index of lung water) and/or external sensors (such as blood pressure or body weight).²
- Modifiers for technical and professional components of a procedure have been replaced in some cases by individual codes for the professional and technical components.
- Some code definitions now include frequency guidelines for billing, see page 2.

For more information on reimbursement, visit our website, <http://www.bostonscientific.com/crm/reimbursement> or contact the Boston Scientific Reimbursement Customer Support Line at 1.800.CARDIAC (227.3422).

¹HRS Webcast: New Device Monitoring Codes for 2009, Nov 13, 2008.

²AMA CPT 2010 Professional Edition p. 459.

CPT®	Procedure	Frequency	National Average* (Professional + Technical)	Professional Only*	Technical Only*
Pacemaker In Person					
93288	Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; single, dual, or multiple lead pacemaker system		\$40	\$23	\$17
93279	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; single lead pacemaker system		\$53	\$35	\$18
93280	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; dual lead pacemaker system		\$63	\$42	\$21
93281	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; multiple lead pacemaker system		\$74	\$49	\$25
Pacemaker Remote					
93294	Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead pacemaker system with interim physician analysis, review(s) and report(s)	1x/90 days	\$36		
93296	Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead pacemaker system or implantable cardioverter-defibrillator system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results	1x/90 days	\$34		
Transtelephonic Monitoring (TTM)					
93293	Transtelephonic rhythm strip pacemaker evaluation(s) single, dual, or multiple lead pacemaker system, includes recording with and without magnet application with physician analysis, review and report(s), up to 90 days	1x/90 days	\$55	\$17	\$38
Implantable Cardioverter Defibrillator (ICD) In Person					
93289	Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; single, dual, or multiple lead implantable cardioverter-defibrillator system, including analysis of heart rhythm derived data elements		\$69	\$48	\$21

*Final rates may vary due to geographic wage differences.

Note: Modifiers may apply in some instances. Check the 2010 CPT manual for further guidance.

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CPT®	Procedure	Frequency	National Average* (Professional + Technical)	Professional Only*	Technical Only*
Implantable Cardioverter Defibrillator (ICD) In Person (Continued)					
93282	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; single lead implantable cardioverter-defibrillator system		\$67	\$46	\$21
93283	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; dual lead implantable cardioverter-defibrillator system		\$87	\$62	\$25
93284	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; multiple lead implantable cardioverter-defibrillator system		\$97	\$69	\$28
Implantable Cardioverter Defibrillator (ICD) Remote					
93295	Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead implantable cardioverter-defibrillator system with interim physician analysis, review(s) and report(s)	1x/90 days	\$70		
93296	Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead pacemaker system or implantable cardioverter-defibrillator system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results	1x/90 days	\$34		
Implantable Cardiovascular Monitor (ICM) In Person					
93290	Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; implantable cardiovascular monitor system, including analysis of 1 or more recorded physiologic cardiovascular data elements from all internal and external sensors		\$31	\$21	\$10
Implantable Cardiovascular Monitor (ICM) Remote					
93297	Interrogation device evaluation(s), (remote) up to 30 days; implantable cardiovascular monitor system, including analysis of 1 or more recorded physiologic cardiovascular data elements from all internal and external sensors, physician analysis, review(s) and report(s)	1x/30 days	\$26		

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CPT®	Procedure	Frequency	National Average* (Professional + Technical)	Professional Only*	Technical Only*
Implantable Cardiovascular Monitor (ICM) Remote (Continued)					
93299	Interrogation device evaluation(s), (remote) up to 30 days; implantable cardiovascular monitor system or implantable loop recorder system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results	1x/30 days	Contractor Priced		
Implantable Loop Recorder (ILR) In Person					
93291	Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; implantable loop recorder system, including heart rhythm derived data analysis		\$39	\$23	\$16
93285	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; implantable loop recorder system		\$45	\$29	\$16
Implantable Loop Recorder (ILR) Remote					
93298	Interrogation device evaluation(s), (remote) up to 30 days; implantable loop recorder system, including analysis of recorded heart rhythm data, physician analysis, review(s) and report(s)	1x/30 days	\$29		
93299	Interrogation device evaluation(s), (remote) up to 30 days; implantable cardiovascular monitor system or implantable loop recorder system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results	1x/30 days	Contractor Priced		
Peri Procedural Evaluation					
93286	Peri-procedural device evaluation and programming of device system parameters before or after a surgery, procedure, or test with physician analysis, review and report; single, dual, or multiple lead pacemaker system		\$27	\$15	\$12
93287	Peri-procedural device evaluation and programming of device system parameters before or after a surgery, procedure, or test with physician analysis, review and report; single, dual, or multiple lead implantable cardioverter-defibrillator system		\$35	\$22	\$13
Wearable Defibrillator In Person					
93292	Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; wearable defibrillator system		\$35	\$23	\$12

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CPT®	Procedure	Frequency	National Average* (Professional + Technical)	Professional Only*	Technical Only*
Wearable Mobile Cardiovascular Telemetry					
93228	Wearable mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data storage (retrievable with query) with ECG triggered and patient selected events transmitted to a remote attended surveillance center for up to 30 days; physician review and interpretation with report		\$26		
93229	Wearable mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data storage (retrievable with query) with ECG triggered and patient selected events transmitted to a remote attended surveillance center for up to 30 days; technical support for connection and patient instructions for use, attended surveillance, analysis and physician prescribed transmission of daily and emergent data reports		Contractor Priced		

*Final rates may vary due to geographic wage differences.

Note: Modifiers may apply in some instances. Check the 2010 CPT manual for further guidance.

Sources

¹Physician Fee Schedule Overview. Available at <http://www.cms.hhs.gov/PhysicianFeeSched/>. Accessed October 30, 2009.

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Payer policies will vary and should be verified prior to treatment for limitations on diagnosis, coding or site of service requirements. The coding options listed within this guide are commonly used codes and are not intended to be an all-inclusive list. We recommend consulting your relevant manuals for appropriate coding options.

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