

Percutaneous Cardiac Lead Extraction™

2009 CODING AND REIMBURSEMENT GUIDE

This guide was developed to assist with Medicare reporting and reimbursement of percutaneous cardiac lead extraction procedures. Cook® lead extraction systems include an assortment of mechanical extraction sheaths, locking stylets and snares for use in both superior and femoral approach extraction procedures.

Coverage

Medicare carriers may issue local coverage decisions (LCDs) listing criteria that must be met prior to coverage. Physicians are urged to review these policies (<http://www.cms.hhs.gov/mcd/search.asp?>), and contact their carrier's medical director (www.cms.hhs.gov/apps/contacts) or commercial insurers to determine if a procedure is covered.

Coding

Physician

Percutaneous removal of cardiac leads is typically reported using the following CPT® code(s):

33234	Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular
33235	Removal of transvenous pacemaker electrode(s); dual lead system
33244	Removal of single or dual chamber pacing cardioverter-defibrillator electrode(s); by transvenous extraction
	(For subcutaneous removal of the pulse generator, use 33241 in conjunction with 33243 or 33244)

Percutaneous repositioning of cardiac leads is typically reported using the following CPT code(s):

33215	Repositioning of previously implanted transvenous pacemaker or pacing cardioverter-defibrillator (right atrial or right ventricular) electrode
33249	Insertion or repositioning of electrode lead(s) for single or dual chamber pacing cardioverter-defibrillator and insertion of pulse generator

Inpatient Hospital

Hospitals use ICD-9-PCS codes to describe procedures performed during hospital admissions. The following is an example of procedure codes that may be pertinent for a given hospital admission.

Facilities coding for cardiac lead extraction should consider:

00.52	Implantation or replacement of transvenous lead [electrode] into left ventricular coronary venous system
37.75	Revision of lead [electrode]. Repair of electrode [removal with re-insertion]. Repositioning of lead(s) (AICD) (cardiac device) (CRT-D) (CRT-P) (defibrillator) (pacemaker) (pacing) (sensing) [electrode]. Revision of lead NOS.
37.76	Replacement of transvenous atrial and/or ventricular lead(s) [electrode]. Removal or abandonment of existing transvenous or epicardial lead(s) with transvenous lead(s) replacement.
37.77	Removal of lead(s) [electrode] without replacement. Removal: epicardial lead (transthoracic approach), transvenous lead(s).

The following primary diagnoses in conjunction with procedure codes 37.75, 37.76 or 37.77 will typically group into one of the following DRGs:

Primary Diagnosis Codes (ICD-9-CM)

421.0	424.91	996.01	996.61	996.72
-------	--------	--------	--------	--------

CPT © 2008 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association.



Disclaimer: The information provided herein reflects Cook's understanding of the procedure(s) and/or device(s) from sources which may include, but are not limited to, the CPT, ICD-9 and MS-DRG coding systems; Medicare payment systems; commercially available coding guides; professional societies; and research conducted by independent coding and reimbursement consultants. This information should not be construed as authoritative. The entity billing Medicare and/or third party payers is solely responsible for the accuracy of the codes assigned to the services and items in the medical record. Cook does not, and should not, have access to medical records, and therefore cannot recommend codes for specific cases. When making coding decisions, we encourage you to seek input from the AMA, AHA, relevant medical societies, CMS, your local Medicare Administrative Contractor and other health plans to which you submit claims. Cook does not promote the off-label use of its devices.

DRG Groups

2009 Medicare Reimbursement for Cardiac Lead Extraction - Inpatient Facility

MS-DRG		Inpatient Facility Payment (National Medicare Avg) ^{1,2}
DRG 260	Cardiac pacemaker revision except device replacement with major comorbidity or complication	\$17,475.26
DRG 261	Cardiac pacemaker revision except device replacement with comorbidity or complication	\$ 7,369.12
DRG 262	Cardiac pacemaker revision except device replacement without comorbidity or complication or major comorbidity or complication	\$ 5,201.43

The following primary diagnoses in conjunction with procedure code 00.52 will typically group into the following DRG:
 Primary Diagnosis Codes (ICD-9-CM)

421.0	424.91	996.01	996.61	996.72
-------	--------	--------	--------	--------

2009 Medicare Reimbursement for Cardiac Lead Extraction - Inpatient Facility

MS-DRG		Inpatient Facility Payment (National Medicare Avg) ^{1,2}
DRG 265	AICD Lead Procedures	\$11,322.72

1. Hart A, ed. Appendix E. In: *DRG Expert: A Comprehensive Guidebook to the DRG Classification System*. 25th ed. Eden Prairie, MN: Ingenix; 2009; Appendix-100.
2. Individual hospital payment levels differ based on geographic location, bed size, teaching status and the percentage of low income patients.

Payment

2009 Reimbursement for Cardiac Lead Extraction - Physician and Outpatient Setting

Code	Procedure Description	Ambulatory Surgery Center	Outpatient Hospital		Physician Services
		Facility Payment ³	APC	Facility Payment (National Medicare Avg ⁴)	Fee When Service Is Provided in the Hospital or ASC (National Medicare Avg ⁵)
Transvenous Lead Removal					
33234	Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	\$893.10	0105	\$1,461.70	\$495.92
33235	Removal of transvenous pacemaker electrode(s); dual lead system	\$893.10	0105	\$1,461.70	\$641.26
33244	Removal of single or dual chamber pacing cardioverter-defibrillator electrode(s); by transvenous extraction	This service is not included on Medicare's list of approved procedures		\$1,461.70	\$871.37
Transvenous Lead Repositioning					
33215	Repositioning of previously implanted transvenous pacemaker or pacing cardioverter-defibrillator (right atrial or right ventricular) electrode	\$893.10	0105	\$1,461.70	\$312.34
33249	Insertion or repositioning of electrode lead(s) for single or dual chamber pacing cardioverter-defibrillator and insertion of pulse generator	\$27,024.22	0108	\$28,250.63	\$918.62

3. 2009 Medicare Ambulatory Surgery Center Fee Schedule
4. 2009 Medicare Hospital Outpatient Prospective Payment System Fee Schedule
5. 2009 Medicare National Physicians Fee Schedule

CPT © 2008 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association.

Disclaimer: The information provided herein reflects Cook's understanding of the procedure(s) and/or device(s) from sources which may include, but are not limited to, the CPT, ICD-9 and MS-DRG coding systems; Medicare payment systems; commercially available coding guides; professional societies; and research conducted by independent coding and reimbursement consultants. This information should not be construed as authoritative. The entity billing Medicare and/or third party payers is solely responsible for the accuracy of the codes assigned to the services and items in the medical record. Cook does not, and should not, have access to medical records, and therefore cannot recommend codes for specific cases. When making coding decisions, we encourage you to seek input from the AMA, AHA, relevant medical societies, CMS, your local Medicare Administrative Contractor and other health plans to which you submit claims. Cook does not promote the off-label use of its devices.

Lead Extraction Products

Order Number	Global Product Number	Product Description	C-Code(s)
LR-BDG001	G20008	Helical Loop Basket and Tip Deflecting Wire Guide	C1773, C1769
LR-CEX001	G20005	Coil Expander	No Appropriate Code
LR-CLP001	G20003	Lead Clippers	No Appropriate Code
LR-CRVFEM001	G26505	Curved Inner Femoral Sheath	C1893
LR-CSS16	G26566	Curved Introducer Sheath Set - Femoral	C1893
LR-DWG001	G20009	Tip Deflecting Wire Guide	C1769
LR-EVN-7.0	G46538	EVOLUTION® Mechanical Dilator Sheath Set - 7 Fr	C1773
LR-EVN-9.0	G46539	EVOLUTION Mechanical Dilator Sheath Set - 9 Fr	C1773
LR-EVN-11.0	G46540	EVOLUTION Mechanical Dilator Sheath Set - 11 Fr	C1773
LR-EVN-13.0	G46541	EVOLUTION Mechanical Dilator Sheath Set - 13 Fr	C1773
LR-HDG001	G20010	Handle for Tip Deflecting Wire Guide	No Appropriate Code
LR-NES001	G26517	13 mm Needle's Eye Snare® with Workstation	C1773, C1893, C1769
LR-NES002	G26515	20 mm Needle's Eye Snare with Workstation	C1773, C1893, C1769
LR-NES541	G26533	13 mm Needle's Eye Snare - 54 cm with Workstation	C1773, C1893, C1769
LR-OFA01	G26550	Liberator® Locking Stylet	C1773
LR-PFTA-STARTER-02	G31625	Complete PERFECTA® Electrosurgical Dissection System	C1893
LR-PFTA-7.0	G26581	PERFECTA EDS - 7.0 Fr	C1893
LR-PFTA-7.0-CS	G26580	Outer Sheath PERFECTA EDS - 7.0 Fr	C1893
LR-PFTA-9.0	G26584	PERFECTA EDS - 9.0 Fr	C1893
LR-PFTA-9.0-CS	G26578	Outer Sheath PERFECTA EDS - 9.0 Fr	C1893
LR-PFTA-11.0	G26579	PERFECTA EDS - 11.0 Fr	C1893
LR-PFTA-11.0-CS	G26586	Outer Sheath PERFECTA - 11.0 Fr	C1893
LR-PFTA-13.0	G26583	PERFECTA EDS - 13.0 Fr	C1893
LR-PFTA-13.0-CS	G26585	Outer Sheath PERFECTA EDS - 13.0 Fr	C1893
LR-PFTAIEIC-02	G31600	PERFECTA EDS Ergonomic Intermittent Activation Switch	No Appropriate Code
LR-PFTAIFB-02	G26582	PERFECTA Interface Adapter	No Appropriate Code
LR-SSN001	G26518	13 mm Needle's Eye Snare with 12 Fr Femoral Sheath	C1773
LR-SSN002	G26516	20 mm Needle's Eye Snare with 12 Fr Femoral Sheath	C1773
LR-PPLBES-7.0	G26562	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-7.0-XL	G26563	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-8.5	G19893	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-8.5-XL	G20534	Byrd Dilator Sheath Set - Polypropylene	C1893

Continued on back page.

Order Number	Global Product Number	Product Description	C-Code(s)
LR-PPLBES-10.0	G19859	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-10.0-XL	G20535	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-11.5	G19860	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-11.5-XL	G20525	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-13.0	G26514	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PPLBES-13.0-XL	G20526	Byrd Dilator Sheath Set - Polypropylene	C1893
LR-PVI001	G20004	Pin Vise	No Appropriate Code
LR-SGH001	G20001	Sof-Grip Hemostat	No Appropriate Code
LR-STSS001	G20006	Stylet Wires	No Appropriate Code
LR-TELSST001	G20536	Byrd Dilator Sheath Set - Telescoping Stainless Steel	C1893
LR-TELSST002	G20000	Byrd Dilator Sheath Set - Telescoping Stainless Steel	C1893
LR-TELSST003	G20537	Byrd Dilator Sheath Set - Telescoping Stainless Steel	C1893
LR-TEFBES002	G19999	Byrd Dilator Sheath Set - TFE	C1893
LR-TEFBES002-XL	G26496	Byrd Dilator Sheath Set - TFE	C1893
LR-TEFBES003	G20221	Byrd Dilator Sheath Set - TFE	C1893
LR-TEFBES003-XL	G26497	Byrd Dilator Sheath Set - TFE	C1893
LR-TRPSST002	G26506	Byrd Dilator Sheath Set - Stainless Steel	C1893
LR-WSF001	G20007	Byrd Workstation™ Femoral Intravascular Retrieval Set	C1893, C1773, C1769

CPT © 2008 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association.

2009 physician fees for your local area can be found at the following CMS links:

http://www.cms.hhs.gov/PFSlookup/02_PFSsearch.asp#TopOfPage

or

<http://www.cms.hhs.gov/PhysicianFeeSched/PFSNPAF/list.asp#TopOfPage>



Disclaimer: The information provided herein reflects Cook's understanding of the procedure(s) and/or device(s) from sources which may include, but are not limited to, the CPT, ICD-9 and MS-DRG coding systems; Medicare payment systems; commercially available coding guides; professional societies; and research conducted by independent coding and reimbursement consultants. This information should not be construed as authoritative. The entity billing Medicare and/or third party payers is solely responsible for the accuracy of the codes assigned to the services and items in the medical record. Cook does not, and should not, have access to medical records, and therefore cannot recommend codes for specific cases. When making coding decisions, we encourage you to seek input from the AMA, AHA, relevant medical societies, CMS, your local Medicare Administrative Contractor and other health plans to which you submit claims. Cook does not promote the off-label use of its devices.