



**Medtronic**

# Cardiac Rhythm Disease Management Products

Medicare C-Code List for Hospital Outpatient Device Reporting  
Updated October 1, 2009

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Procedure to device code edits apply to a subset of device-dependent APCs and their corresponding C-Codes (see Table 1).

Device (C-Codes) to procedure edits were implemented by the Centers for Medicare & Medicaid Services (CMS) to ensure that both the procedure and the device components were appropriately billed. These edits are shown in Table 2.

CMS continues to make changes to these edits, and this information can be found on the CMS website (<http://www.cms.hhs.gov/HospitalOutpatientPPS/>) as well as in Medicare Learning Network articles (<http://www.cms.hhs.gov/MLNMattersArticles/>). All edits will be implemented as part of the quarterly OCE releases. CMS has stated that coding of devices with C-Codes is essential to improving the accuracy of claims data in order to better calculate the correct relative costs of device-dependent APCs.

While the use of most C-Codes will not facilitate immediate payment for the device, the codes and the charges assigned to each will be used by CMS in the development of future payment rates for procedures involving devices.

- CMS used hospital claims data and eliminated claims involving no-charge devices. CMS has indicated that it is important that hospitals continue to provide complete and accurate coding and charge information in order to ensure appropriate APC payment rates in the future.

## **Disclaimer:**

These coding suggestions and coverage guidelines do not replace seeking coding advice from the payer and/or your coding staff. The ultimate responsibility for correct coding lies with the provider of services. Please contact your local payer for interpretation of the appropriate codes to use for specific procedures. Medtronic makes no guarantee that the use of this information will prevent differences of opinion or disputes with Medicare or other third party payers as to the correct form of billing or the amount that will be paid to providers of service.

## **Determining which C-Code is applicable for a specific item is the responsibility of the hospital.**

All products included in this listing are placed in the appropriate CMS category based on their intended function. For further information, please contact your Medtronic sales representative.

This information is also available at <http://www.medtronic.com/crdmreimbursement>.

**TABLE 1: LIST OF PROCEDURE TO DEVICE (C-CODE) EDITS EFFECTIVE OCTOBER 1, 2009<sup>1</sup>**

HCPCS* CODE <sup>2</sup>	SHORT DESCRIPTION	APC Grouping	ALLOWED C-CODES
93619	EPS without induction or attempted induction	85	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93620	EPS with induction or attempted induction	85	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
+93621	EPS with left atrial pacing/recording	NA	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
+93622	EPS with left ventricular pacing/recording	NA	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93624	EP follow-up study w/induction or attempted induction	85	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894
93600	Bundle of His recording	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93602	Intra-atrial recording	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93603	Right ventricular recording	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
+93609	Map tachycardia	NA	C1730, C1731, C1733, C2629, C2630
93610	Intra-atrial pacing	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93612	Intraventricular pacing	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
+93613	Electrophys map 3D	NA	C1730, C1731, C1732, C1733, C2630
93615	Esophageal recording	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93616	Esophageal recording; with pacing	84	C1730, C1731, C1732, C1733, C1756, C1766, C1892, C1893, C1894, C2629, C2630
93618	Heart rhythm pacing	84	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
+93623	Stimulation, pacing heart	NA	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93631	Heart pacing, mapping	NA	C1730, C1731, C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93642	EP evaluation	84	No edit; device not used
93650	Intracardiac Catheter Ablation of AV node	85	C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93651	Intracardiac Catheter Ablation for treatment of SVT	86	C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
93652	Intracardiac Catheter Ablation for treatment of VT	86	C1732, C1733, C1766, C1892, C1893, C1894, C2629, C2630
33206	Insert/replace pacemaker; atrial lead	89	C1779, C1785, C1786, C1898, C2619, C2620, C2621
33207	Insert/replace pacemaker; ventricular lead	89	C1779, C1785, C1786, C1898, C2619, C2620, C2621
33212	Insertion of single pulse generator	90	C1786, C2620, C2621
33210	Insertion of heart electrode	106	No edit; no device code for some procedure options
33211	Insertion of heart electrode	106	C1779, C1898
33216	Insert lead pace-defib, single	106	C1777, C1779, C1895, C1896, C1898, C1899
33217	Insert lead pace-defib, dual	106	C1777, C1779, C1895, C1896, C1898, C1899
33240	Insert single chamber ICD	107	C1721, C1722, C1882
33249	Insert/reposit single ICD and leads	108	C1721, C1722, C1882
33224	Insert LV pacing lead and connect	418	C1900
+33225	L ventricular pacing lead	418	C1900
33213	Insertion of dual pulse generator	654	C1785, C2619, C2621
33208	Insert/replace pacemaker; atrial and ventricular leads	655	C1779, C1785, C1898, C2619, C2621
33214	Upgrade pacemaker system, single to dual	655	C1779, C1785, C1898, C2619, C2621
+93662	Intracardiac echocardiography	NA	C1759
33282	Implant ILR	680	C1764

Note: The above listing contains selected device edits for cardiac rhythm disease management procedures only and is not an exhaustive list of all effective edits.

\*Healthcare Common Procedure Coding System (HCPCS).

+“Add-on” codes. These procedures are always performed in addition to the primary service/procedure, and are never reported as stand-alone codes.

NA: Not Applicable.

**TABLE 2: LIST OF DEVICE (C-CODE) TO PROCEDURE EDITS EFFECTIVE OCTOBER 1, 2009**

**Device codes that must be reported with an allowed procedure code.**

If one of these device codes is reported, an allowed procedure code must be reported on the same claim.

DEVICE CODE	DESCRIPTION	ALLOWED PROCEDURE CODES
C1721	AICD, dual chamber	33224, 33240, 33249
C1722	AICD, single chamber	33240, 33249
C1777	Lead, AICD, endo single coil	33216, 33217, 33249
C1779	Lead, pacemaker, transvenous VDD	33206, 33207, 33208, 33210, 33211, 33214, 33216, 33217, 33249
C1785	Pacemaker, dual, rate-responsive	33206, 33207, 33208, 33213, 33214, 33224
C1786	Pacemaker, single, rate-responsive	33206, 33207, 33212
C1882	AICD, other than single/dual	33224, 33240, 33249
C1895	Lead, AICD, endo dual coil	33216, 33217, 33249
C1896	Lead, AICD, non single/dual	33216, 33217, 33249
C1898	Lead, pacemaker, other than transvenous	33206, 33207, 33208, 33210, 33211, 33214, 33216, 33217, 33249
C1899	Lead, pacemaker/AICD combination	33216, 33217, 33249
C1900	Lead, coronary venous	33224, 33225
C2619	Pacemaker, dual, non rate-responsive	33206, 33207, 33208, 33213, 33214, 33224
C2620	Pacemaker, single, non rate-responsive	33206, 33207, 33212, 33224
C2621	Pacemaker, other than single/dual	33206, 33207, 33208, 33212, 33213, 33214, 33224

**IMPLANTABLE CARDIOVERTER DEFIBRILLATORS Revenue Code 278**

**C1721 – Cardioverter Defibrillator, Dual Chamber (Implantable)**

DEVICE	MODEL NUMBER
Maximo® DR	7278
Marquis® DR	7274
Jewel® AF	7250
GEM® III AT	7276
GEM® III DR	7275
GEM® II DR	7273
GEM® DR	7271
Intrinsic®	7287, 7288
EnTrust®	D153ATG, D153DRG, D154ATG, D154DRG
Virtuoso®	D154AWG
Maximo® II DR ICD	D284DRG
Secura® DR ICD	D224DRG
Virtuoso® II DR	D274DRG

**C1882 – Cardioverter Defibrillator, Other than Single or Dual Chamber (Implantable)**

DEVICE	MODEL NUMBER
InSync II Marquis™	7289
InSync Marquis™	7277
InSync ICD®	7272
InSync Sentry®	7297, 7299
InSync II Protect™	7295
InSync Maximo®	7303, 7304
Concerto®	C154DWK
Consulta® CRT-D	D224TRK
Maximo® II CRT-D	D284TRK
Concerto® II CRT-D	D274TRK

**C1722 – Cardioverter Defibrillator, Single Chamber (Implantable)**

DEVICE	MODEL NUMBER
Maximo® VR	7232
Marquis® VR	7230, 7230B, 7230Cx, 7230E
GEM® III VR	7231
GEM® II VR	7229Cx
GEM®	7227, 7227B, 7227Cx, 7227D, 7227E
ONYX® VR	7290Cx
MicroJewel®	7221B, 7221C, 7221Cx, 7221D, 7221E, 7223Cx
EnTrust®	D153VRC, D154VRC
Virtuoso®	D154VWC
Maximo® II VR ICD	D284VRC
Secura® VR ICD	D224VRC
Virtuoso® II VR	D274VRC

**C1785 – Pacemaker, Dual Chamber, Rate-Responsive (Implantable)**

DEVICE	MODEL NUMBER
EnPulse®	E1DR01, E1DR03, E1DR06, E1DR21
EnPulse® DR	E2DR01, E2DR03, E2DR06, E2DR21
Vitatron C-series	C60DR
AT500® DDDRP	AT501
Kappa® 900 DR	KDR 901, KDR 903, KDR 906, KDR 921, KDR 931, KDR 933
Kappa® 800 DR	KDR 801, KDR 803, KDR 806
Kappa® 700 DR	KDR 700, KDR 701, KDR 703, KDR 706, KDR 720, KDR 721, KDR 730, KDR 731, KDR 733
Kappa® 400 DR	KDR 401, KDR 403
Selection® AFm 902	902
Diamond® 3 DR	840
Diamond® II DR	820E, 822E
Kappa® 650 DR	KDR 651, KDR 653, KDR 656
Kappa® 600 DR	KDR 600, KDR 601, KDR 603, KDR 606
Vita™ 2 DR	830
Vita™ DR	810
Sigma® 300 DR	SDR 303B, SDR 303U, SDR 306U
Sigma® 200 DR	SDR 203B
Legacy® II DR	826, 828
Clarity DR	860, 862, 865
Thera® DR	7940, 7941, 7942, 7950, 7951, 7952, 7960i, 7961i, 7962i, 7964i, 7965i, 7966i, 7968i
Preva® DR	7088, 7089
Prodigy® DR	7860, 7861, 7862
Legacy® DR	850, 851, 852
Vitatron T60 DR	T60A1
EnRhythm®	PI501DR
Adapta®	ADDR01, ADDR03, ADDR06, ADDR11, ADDR51
Sensia®	SEDR01, SEDRL1
Versa®	VEDR01

**C2620 – Pacemaker, Single Chamber, Non-Rate-Responsive (Implantable)**

DEVICE	MODEL NUMBER
Premier®	8081
Sigma® 300 S	SS 303, SS 303B
Jade® 3 S	340
Jade® II SSI	220
Sigma® 200 S	SS203
Legacy® II S	126, 128
Sigma® 100 S	SS 103, SS 103B, SS 106U
Thera® S	8944, 8945, 8946, 8964i, 8965i, 8966i
Prevail®	8084, 8085, 8086
Legacy® S	150, 151, 152
Prodigy® S	8164, 8165, 8166
Sensia®	SES01

**C2621 – Pacemaker, Other than Single or Dual Chamber (Implantable)**

DEVICE	MODEL NUMBER
InSync® III	8042
InSync®	8040

**C2619 – Pacemaker, Dual Chamber, Non-Rate-Responsive (Implantable)**

DEVICE	MODEL NUMBER
EnPulse®	E2VDD01
EnPulse® D	E2D01, E2D03, E2VDD01
Kappa® 700 D	KD 700, KD 701, KD 703, KD 706
Ruby® 3 D	Ruby 3 D
Ruby® II DDD	720
Sigma® 300 D	SD 303B
Sigma® 200 D	SD 203B
Legacy® II D	726, 728
Thera® D	7944, 7945, 7946, 7964i, 7965i, 7966i
Preva® D	7068
Legacy® D	750, 751
Vita™ D	710
Prodigy® D	7864, 7865, 7866
Kappa® 900 VDD	KVDD 901
Kappa® 700 VDD	KVDD 700, KVDD 701
Sigma® 300 VDD	SVDD 303
Thera® VDD	8948, 8968i
Prodigy® VDD	8168
Vita™ VDD	410
Adapta®	ADD01, ADVDD01
Sensia®	SED01

**C1786 – Pacemaker, Single Chamber, Rate-Responsive (Implantable)**

DEVICE	MODEL NUMBER
EnPulse®	E2SR01, E2SR03, E2SR06
Vitatron C-series	C20SR
Kappa® 900 SR	KSR 901, KSR 903, KSR 906
Kappa® 700 SR	KSR 700, KSR 701, KSR 703, KSR 706
Kappa® 400 SR	KSR 401, KSR 403
Topaz™ 3 SR	540
Topaz™ II SR	520, 521, 522
Sigma® 300 SR	SSR 303, SSR 303B, SSR 303U, SSR 306U
Vita™ 2 SR	530
Vita™ SR	310, 415
Sigma® 200 SR	SSR 203, SSR 203B
Legacy® II SR	526, 528
Clarity SR	560, 562, 565
Prodigy® SR	8158, 8160, 8161, 8162
Thera® SR	8940, 8941, 8942, 8960i, 8961i, 8962i
Preva® SR	8088, 8089
Legacy® SR	550, 551, 552
Vitatron T20 SR	T20A1
Adapta®	ADSR01, ADSR03, ADSR06
Sensia®	SESR01

**C1777 – Lead, Cardioverter Defibrillator, Endocardial Single Coil (Implantable)**

DEVICE	MODEL NUMBER
Sprint™	6932, 6943
Sprint Fidelis®	6930, 6931
Sprint Quattro®	6935

**C1779 – Lead, Pacemaker, Transvenous VDD Single Pass**

DEVICE	MODEL NUMBER
CapSure® VDD	5032, 5032L, 5032S, 5038, 5038L, 5038S

**C1895 – Lead, Cardioverter Defibrillator, Endocardial Dual Coil (Implantable)**

DEVICE	MODEL NUMBER
Sprint Quattro Secure®	6947
Sprint Quattro®	6944
Sprint™	6942, 6945
Sprint Fidelis®	6948, 6949

**C1896 – Lead, Cardioverter Defibrillator, Other than Endocardial Single or Dual Coil (Implantable)**

DEVICE	MODEL NUMBER
Subcutaneous Lead System	6996SQ
Transvene™	6881, 6884, 6895, 6933, 6934S, 6937, 6937A, 6939, 6963, 6999
Oval Patch Leads	6721L, 6721M, 6721S, 6939

**C1898 – Lead, Pacemaker, Other than Transvenous VDD Single Pass**

DEVICE	MODEL NUMBER
CapSure Sense®	4073, 4074, 4574
Crystalline®	ICM 09, ICM 09B, ICM 09JB
CapSure® Z Novus	5054, 5554
CapSure® Z	4033, 4034, 4533, 4534, 5033, 5034, 5534, 5554
Impulse™ II	IHP 09B, IHP 09JB
Impulse™	IMG 49, IMG 49B, IMG 49JB
CapSure® SP Novus	4092, 4592, 5092, 5592, 5594
CapSure® SP	4023, 4024, 4523, 4524, 5023, 5023M, 5024, 5024M, 5523, 5523M, 5524, 5524M, 5525
CapSure®	4003, 4003M, 4004, 4004M, 4503, 4503M, 4504, 4504M, 4965, 4968, 5025, 5026, 5525
Excellence® +	IMD 49, IMD 49B, IMD 49JB
Excellence® S+	IME 49, IME 49B, IME 49JB
Excellence® PS+	IMK 49B, IMK 49JB
Excellence® SS+	IML 49B, IML 49JB
CapSureFix® Novus	4076, 5076
CapSureFix®	4067, 4068, 4568, 5058, 5067, 5068, 5568 (bipolar), 6940
SureFix®	5072
Pirouet® +	IMU 49, IMU 49B, IMU 49JB
Pirouet® S+	IMX 49, IMX 49B, IMX 49JB
Crystalline® ActFix	ICF 09, ICQ 09
4057M, 4058M, 4557M, 4558M, 5058	4057M, 4058M, 4557M, 4558M, 5058
4951M, 5071	4951M, 5071
SelectSecure®	3830

**C1900 – Lead, Left Ventricular Coronary Venous System**

DEVICE	MODEL NUMBER
Attain® OTW	4193
Attain® LV	2187
Attain® CS/CV	2188
Attain® Bipolar OTW	4194
Attain StarFix®	4195
Attain Ability®	4196

**INSERTABLE LOOP RECORDER Revenue Code 278**

**C1764 – Event Recorder, Cardiac (Implantable)**

DEVICE	MODEL NUMBER
Reveal®, Reveal® Plus, Reveal® DX, Reveal® XT	9525, 9526, 9528, 9529

**C1730 – Catheter, Electrophysiology, Diagnostic, Other than 3D Mapping (19 or Fewer Electrodes)**

DEVICE	MODEL NUMBER
Torqr® CS	041565CS, 041590CS, 041865CS
Torqr®, Soloist®	041002JM, 041002UM, 041005DM, 041005JM, 041005UM, 04120DS, 04122JM, 04122UM, 04125JM, 04125UM, 441016JF, 441016U, 44216J, 44216JF, 44216U, 44516J, 44516JF, 44516U
Marinr® CS	043302M, 043325M, 043328M
Marinr®	072302, 072322M, 072402
EnCirclr® AL	1045AL1, 1045AL2, 1060AL1, 1060AL2

**C1731 – Catheter, Electrophysiology, Diagnostic, Other than 3D Mapping (20 or More Electrodes)**

DEVICE	MODEL NUMBER
StableMapr® SM	04401SM47, 04402SM47

**C1733 – Catheter, Electrophysiology, Diagnostic/Ablation, Other than 3D or Vector Mapping, Other than Cool Tip**

DEVICE	MODEL NUMBER
RF Enhancr®	11744523, 11745523, 11745533, 19745533, 19746534, 21744523, 21745523, 29745533, 29746534
RF Enhancr® II	31744523, 31745523, 31745533, 39745533, 39746534
RF Contactr®	70246034, 70247533, 70256034, 70257533
RF Conductr®	0786022, 0786042, 0787533, 0787544, 07857544, 07856042, 07856044, 078604447, 078754447
RF Marinr® MC	075302, 075305, 075312, 075402, 075405
5F RF Marinr®	076514, 076515, 076583, 076584, 076585, 076586
RF Performr®	8715352247, 8715452347, 8715552347, 8715553347, 8795553347, 8795653447

**C1769 – Guide Wire**

DEVICE	MODEL NUMBER
Attain® LDS Guide Wire	Item is a component of the Attain® LDS Models 6216 and 6216A
Attain® Access Guide Wire	Item is a component of the Attain® Access Models 6218 and 6218A
Attain® Guide Wire	6228GWR
Cougar® LS	LVCLS190J, LVCLS190S
Cougar® XT	LVCXT190J, LVCXT190S
Thunder®	LVTNDR190S
Zinger® Light	LVZRLS180J, LVZRLS180S
Zinger® Medium	LVZRMS180J, LVZRMS180S
Zinger® Support	LVZRXT180J, LVZRXT180S
Attain Hybrid® Guide Wire	GWR419378, GWR419388, GWR419478, GWR419488, GWR419578, GWR419588, GWR419678, GWR419688

**C1883 – Adaptor/Extension, Pacing Lead (Impl.)**

DEVICE	MODEL NUMBER
Adaptor	2872, 5866-09M, 5866-21, 5866-22, 5866-24M, 5866-36, 5866-37M, 5866-38M, 5866-40M, 6707-15, 6707-35, 6726, 6981M, 6984M, 6986M, LV/IS-10, BLV-BIS-10, BLV-BIS-40

**C1887 – Catheter, Guiding (may include infusion/perfusion capability)**

DEVICE	MODEL NUMBER
Attain®	6216A-MB2, 6216A-MP, 6218A-45S, 6218A-50S, 6218A-57S, 6218A-AM, 6218A-EH, 6226DEF (includes guide wire)
Attain Prevail®	6228CTH (includes guide wire), 6228CTH80, 6228SYS (includes guide wire)
Attain® LDS Guide Catheter	Item is a component of the Attain® LDS Models 6216 and 6216A
Attain® Access Guide Catheter	Item is a component of the Attain® Access Models 6218 and 6218A
Attain Select®	6238TEL
9210 Guide Catheter	9210
SelectSite®	C304-L69, C304-S59, C304-XL74, C304-XS59
Attain Select® II	6248DEL
C315	C315 J, C315 G, C315 S4, C315 S5, C315 S10
Attain Command™	6250-AM, 6250-EH, 6250-EHXL, 6250-MB2, 6250-MB2X, 6250-MP, 6250-MPR, 6250-MPX, 6250-45S, 6250-50S, 6250-57S, 6250C (includes guide wire), 6250S (includes guide wire)
Attain® Deflectable	6227DEF (includes guide wire)

**C1892 – Introducer/Sheath, Guiding, Intracardiac Electrophysiological, Fixed Curve, Peel-Away**

DEVICE	MODEL NUMBER
SafeSheath® MultiSite (MSP)	CSG/MSP-00-09, CSG/MSP-00-6.5
SafeSheath® Worley	CSG/Worley 109M, CSG/Worley/BCor-1-09, CSG/Worley/BCor-2-09, CSG/Worley/L-1-09M, CSG/Worley/L/BCor-1-09

**C1893 – Introducer/Sheath, Guiding, Intracardiac Electrophysiological, Fixed Curve, Other than Peel-Away**

DEVICE	MODEL NUMBER
StableMapr® SM	04401SM47, 04402SM47

**C1894 – Introducer/Sheath, Other than Guiding, Intracardiac Electrophysiological, Non-Laser**

DEVICE	MODEL NUMBER
Attain® LDS Introducer	Item is a component of the Attain® LDS Model 6216
Introducer	6207BTK, 6207BTKD, 6207D, 6207S, 6208BTK, 6208BTKD, 6208D, 6208S, 6209BTK, 6209BTKD, 6209D, 6209S, 6210BTK, 6210BTKD, 6210D, 6210S, 6211BTK, 6211BTKD, 6211D, 6211S, 6212BTK, 6212S, 6214BTK, 6214S, HLS-1007M, HLS-1008M, HLS-1009M, HLS-10095M, HLS-10105M, HLS-1011M, HLS-2507, HLS-2508, HLS-2509, HLS-2511, HLS-2510S
FlowGuard™ Introducer	10729, 10730

## References

- <sup>1</sup> Consolidated device edit information can be found on the CMS website at <http://www.cms.hhs.gov/HospitalOutpatientPPS/>.
- <sup>2</sup> Current Procedural Terminology (CPT®) copyright 2008 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association.

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