## 2017 Hospital Outpatient Procedures

### Cardiac Rhythm and Heart Failure

<table>
<thead>
<tr>
<th><strong>Patient Name</strong></th>
<th><strong>Physician</strong></th>
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<tbody>
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### Pacemaker (PM) System Implants

<table>
<thead>
<tr>
<th>CPT Code</th>
<th>Procedure Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33206</td>
<td>Insert new or replace perm PM w/atrial lead (J1)</td>
</tr>
<tr>
<td>33207</td>
<td>Insert new or replace perm PM w/ventricular lead (J1)</td>
</tr>
<tr>
<td>33208</td>
<td>Insert new or replace perm PM w/atrial and ventricular leads (J1)</td>
</tr>
<tr>
<td>03877</td>
<td>Transcatheter insert or replace perm leadless PM, ventricular (J1)</td>
</tr>
</tbody>
</table>

### Pacemaker (PM) Generator Procedures

<table>
<thead>
<tr>
<th>CPT Code</th>
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<tbody>
<tr>
<td>33212</td>
<td>Insert PM generator only; w/existing single lead (J1)</td>
</tr>
<tr>
<td>33213</td>
<td>Insert PM generator only; w/existing dual chamber leads (J1)</td>
</tr>
<tr>
<td>33221</td>
<td>Insert PM generator only; w/existing multiple leads (J1)</td>
</tr>
<tr>
<td>33227</td>
<td>Remove perm PM generator w/replacement of PM generator; single lead system (J1)</td>
</tr>
<tr>
<td>33228</td>
<td>Remove perm PM generator w/replacement of PM generator; dual lead system (J1)</td>
</tr>
<tr>
<td>33229</td>
<td>Remove perm PM generator w/replacement of PM generator; multiple lead system (J1)</td>
</tr>
<tr>
<td>33233</td>
<td>Remove perm PM generator only (J1)</td>
</tr>
<tr>
<td>0388 T</td>
<td>Transcatheter removal perm leadless PM, ventricular (J1)</td>
</tr>
</tbody>
</table>

### Pacemaker Leads

<table>
<thead>
<tr>
<th>CPT Code</th>
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<tbody>
<tr>
<td>33210</td>
<td>Insert/replace temp lead/catheter – single chamber lead (J1)</td>
</tr>
<tr>
<td>33211</td>
<td>Insert/replace temp dual chamber leads (J1)</td>
</tr>
<tr>
<td>33215</td>
<td>Reposition previously implanted transvenous right atrial or right ventricular lead, perm PM or implantable defibrillator (J1)</td>
</tr>
<tr>
<td>33216</td>
<td>Insert single transvenous lead, perm PM or implantable defibrillator (J1)</td>
</tr>
<tr>
<td>33217</td>
<td>Insert 2 transvenous leads, perm PM or implantable defibrillator (J1)</td>
</tr>
<tr>
<td>33218</td>
<td>Repair single transvenous lead, perm PM or implantable defibrillator (J1)</td>
</tr>
<tr>
<td>33220</td>
<td>Repair 2 transvenous leads, perm PM or implantable defibrillator (J1)</td>
</tr>
<tr>
<td>33224</td>
<td>Insert LV lead, attach to previously placed generator (J1)</td>
</tr>
<tr>
<td>03825</td>
<td>Insert LV lead at time of generator implant (J1)</td>
</tr>
<tr>
<td>33226</td>
<td>Reposition previously implanted LV lead (J1)</td>
</tr>
<tr>
<td>33234</td>
<td>Remove transvenous PM electrode single lead system (Q2)</td>
</tr>
<tr>
<td>33235</td>
<td>Remove transvenous PM electrode(s) dual lead system (Q2)</td>
</tr>
</tbody>
</table>

### Pacemaker (PM) Other

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<tr>
<td>33214</td>
<td>Upgrade single PM to dual PM (includes removal of PM generator, test existing lead, insert new lead and insert new PM generator) (J1)</td>
</tr>
<tr>
<td>33222</td>
<td>Relocation of skin pocket for pacemaker (J1)</td>
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### Implantable Defibrillator Generator Procedures

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<tbody>
<tr>
<td>33230</td>
<td>Insert implantable defibrillator generator only; w/existing dual leads (J1)</td>
</tr>
<tr>
<td>33231</td>
<td>Insert implantable defibrillator generator only; w/existing multiple leads (J1)</td>
</tr>
<tr>
<td>33240</td>
<td>Insert implantable defibrillator generator only; w/existing single lead (J1)</td>
</tr>
<tr>
<td>33241</td>
<td>Remove implantable defibrillator generator only (Q2)</td>
</tr>
<tr>
<td>33262</td>
<td>Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; single lead system (J1)</td>
</tr>
<tr>
<td>33263</td>
<td>Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; dual lead system (J1)</td>
</tr>
<tr>
<td>33264</td>
<td>Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; multiple lead system (J1)</td>
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### Implantable Defibrillator Other

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<tbody>
<tr>
<td>33223</td>
<td>Relocation of skin pocket for implantable defibrillator (J1)</td>
</tr>
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### CPT-P Implant

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### Other Comments

1. Include the insertion of the LV lead at time of the generator implant (+33225).

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Intra-atrial recording
92961
Comp EP eval; RA and RV pacing/recording/His
Induction of arrhythmia by electrical pacing
Echo transthoracic 2D, follow-up or limited study
EP evaluation subcutaneous implantable defibrillator                        (N)
+93600
93655
Intraventricular and/or intra-atrial mapping of tachycardia                      (N)
Cardioversion, elective, conversion of arrhythmia, internal
93616
93656
93662
Intra-atrial pacing
92960
Comp EP eval w/arrhythmia; RA and RV pacing/recording/His
33240
Intraventricular pacing
Implant patient-activated cardiac event recorder                                (J1)
93654
EPS with RA pacing/recording, RV pacing/recording (when
93304
Tilt table evaluation
93631
Echo transthoracic 2D, complete w/spectral and
93308
EPS with RA pacing/recording, RV pacing/recording (when
Left heart catheterization by transseptal puncture                              (N)
Intracardiac echo during intervention/includes imaging                       (N)
Intra-operative epicardial/endocardial pacing/mapping                       (N)
93650
93657
Access your CPT codebook for additional coding information.
Commonly Used Modifiers:
KK: Requirements specified in the medical policy have been met.
Q0 (zero): Denotes primary prevention patient for Medicare implantable defibrillator device implants
PN: Claim line modifier for nonexcepted items and services
PO: Excepted service provided at an off-campus, outpatient, provider-based department of a hospital
SC: Medically necessary service or supply
-25: Significant, separately identifiable E/M service by the same physician or other qualified health care professional on the same day of the procedure or other service
-58: Staged or related procedure or service by the same physician or other qualified health care professional during the postoperative period
-73: Discontinued outpatient hospital procedure prior to administration of anesthesia
-74: Discontinued outpatient hospital procedure after administration of anesthesia
-76: Repeat procedure or service by same physician or other qualified health care professional
-77: Repeat procedure by another physician or other qualified health care professional
-78: Unplanned return to the OR/procedure room by the same physician or other qualified health care professional following initial procedure for a related procedure during the postoperative period
-79: Unrelated procedure or service by the same physician or other qualified health care professional during the postoperative period

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CPT-D IMPLANT1
- +33225 Insert LV lead at time of generator implant                                                (N)
- 33230 Insert implantable defibrillator generator only, w/existing dual leads                                          (J1)
- 33231 Insert implantable defibrillator generator only, w/existing multiple leads                                      (J1)
- 33240 Insert or replace perm pacing implantable defibrillator system with transient leads; single or dual chamber                        (J1)
- 33249 Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; dual lead system                (J1)
- 33263 Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; multiple lead system               (J1)
- 33264 Remove implantable defibrillator generator w/replacement of implantable defibrillator generator; single lead system                  (J1)
- 93641 Test device/leads at initial implant or replacement                                                    (N)

RECORDING, MAPPING, AND OTHER PROCEDURES
- 93619 Comp EP eval; RA and RV pacing/recording/His
- 93620 Comp EP eval w/arrhythmia; RA and RV pacing/recording/His
- +93621 Comp EP eval w/arrhythmia; LA pacing/recording from CS or LA                                            (N)
- +93622 Comp EP eval w/arrhythmia; LV pacing/recording                                                (N)
- +93623 Programming stimulation and pacing after IV drug infusion                                               (N)
- 93600 Bundle of His recording
- 93602 Intra-atrial recording
- 93603 Right ventricular recording
- +93609 Intraventricular and/or intra-atrial mapping of tachycardia                                              (N)
- 93610 Intra-atrial pacing
- 93612 Intraventricular pacing
- +93613 Intracardiac electrophysiologic 3D mapping                                                               (N)
- 93615 Esophageal recording of atrial electrogram
- 93616 Esophageal recording of atrial electrogram w/pacing
- 93618 Induction of arrhythmia by electrical pacing
- 93624 EP follow-up w/pacing/recording w/induction or attempted induction of arrhythmia
- 93631 Intra-operative epicardial/endocardial pacing/mapping                                                      (N)
- 93660 Tilt table evaluation

COMPREHENSIVE EP EVALUATIONS
- 93619
- 93620
- +93621
- +93622
- +93623
- 93600
- 93602
- 93603
- +93609
- 93610
- 93612
- +93613
- 93615
- 93616
- 93618
- 93624
- 93631
- 93660

CATHETER ABLATIONS
(Review your CPT codebook for the applicable Add-on codes)
- +93462 Left heart catheterization by transseptal puncture                                                        (N)
- 93650 Catheter ablation AV node with or w/o temporary pacemaker                                                (J1)
- 93653 EPS with RA pacing/recording, RV pacing/recording (when necessary), and His recording (when necessary) with catheter ablation of arrhythmogenic focus; with treatment of SVT including 3D mapping, when performed, and LV pacing/recording, when performed                                                (J1)
- 93654 EPS with RA pacing/recording, RV pacing/recording (when necessary), and His recording (when necessary) with catheter ablation of arrhythmogenic focus; with treatment of VT including 3D mapping, when performed, and LV pacing/recording, when performed                                                (J1)
- +93655 Catheter ablation of a discrete mechanism of arrhythmia which is distinct from the primary ablated mechanism, including repeat diagnostic maneuvers, to treat a spontaneous or induced arrhythmia (Use 93655 in conjunction with 93653, 93654, 93656) (N)
- 93656 EPS including transseptal catheterizations, with LA or RA pacing/ recording, when necessary, RV pacing/recording when necessary, and His bundle pacing when necessary with catheter ablation of AF by PVI (J1)
- +93662 Intracardiac echo during intervention/includes imaging                                                        (N)
- +93657 Additional linear or focal catheter ablation of the left or right atrium for treatment of atrial fibrillation remaining after completion of pulmonary vein isolation (Use 93657 in conjunction with 93656) (N)

CARDIOVERSION
- 92960 Cardioversion, elective, conversion of arrhythmia, external
- 92961 Cardioversion, elective, conversion of arrhythmia, internal

EP IMPLANTABLE DEFIBRILLATOR DEVICE FOLLOW-UP
- 93642 EP evaluation transvenous single/dual implantable defibrillator                                (J1)
- 93644 EP evaluation subcutaneous implantable defibrillator                                                (N)

TRANSTHORACIC ECHOCARDIOGRAPHY
- 93303 Echo transthoracic, congenital; complete
- 93304 Echo transthoracic, congenital; follow-up or limited study
- 93306 Echo transthoracic 2D, complete w/spectral and color flow Doppler
- 93307 Echo transthoracic 2D, complete w/o spectral or color flow Doppler
- 93308 Echo transthoracic 2D, follow-up or limited study
- +93520 Doppler pulsed and/or continuous wave with spectral display; complete
(Use 93320 in conjunction with 93303, 93304)
- +93521 Doppler pulsed and/or continuous wave with spectral display; follow-up or limited study
(Use 93321 in conjunction with 93303, 93304, 93308)
- +93525 Doppler echo color flow velocity mapping                                                       (N)
(Use 93326 in conjunction with 93303, 93304, 93308)

ILR (IMPLANTABLE LOOP RECORDER)
- 33282 Implant patient-activated cardiac event recorder                                                (J1)
- 33284 Remove implantable patient-activated cardiac event recorder                                            (Q2)

1 Include the insertion of the LV lead at time of the generator implant (+33225).
Notes:
(J1): The Medicare payment for the primary service and all adjunctive services provided to support the delivery of the primary service will be packaged.
(N): The Medicare payment for these items and services will be packaged.
(Q2): The Medicare payment will be packaged when billed on the same date of service as a code assigned a T status indicator.
Codes preceded by a + symbol are add-on codes; bill in addition to the primary service/procedure.
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