Cardiac Device Monitoring Services

FREQUENTLY USED CPT\(^\dagger\) CODES - HOSPITAL OUTPATIENT AND PHYSICIAN SERVICES

<table>
<thead>
<tr>
<th>HOSPITAL NAME</th>
<th>PROCEDURE DATE</th>
<th>PHYSICIAN NAME</th>
<th>PHYSICIAN SIGNATURE</th>
</tr>
</thead>
</table>

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### PACEMAKER/CRT-P

#### PROGRAMMING\(^1\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93279</td>
<td>Programming device evaluation with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional; single lead pacemaker system</td>
</tr>
<tr>
<td>93280</td>
<td>Dual lead pacemaker system</td>
</tr>
<tr>
<td>93281</td>
<td>Multiple lead pacemaker system</td>
</tr>
</tbody>
</table>

#### INTERROGATION (IN PERSON)\(^2\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93288</td>
<td>Interrogation device evaluation (in person) by a physician or other qualified health care professional; analysis, review and report, includes connection, recording and disconnection per patient encounter; single, dual or multiple lead pacemaker system</td>
</tr>
</tbody>
</table>

#### INTERROGATION (IN PERSON)\(^2\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93294</td>
<td>Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead pacemaker system by a physician or other qualified health care professional; analysis, review(s) and report(s)</td>
</tr>
<tr>
<td>93296</td>
<td>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</td>
</tr>
</tbody>
</table>

### TRANSTEOLEPHONIC RHYTHM STRIP EVALUATION\(^4\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93293</td>
<td>Transtelephonic rhythm strip pacemaker evaluation(s); single, dual, or multiple lead pacemaker system, includes recording with and without magnet application by a physician or other qualified health care professional; analysis, review and report(s), up to 90 days</td>
</tr>
</tbody>
</table>

### PERI-PROCEDURAL DEVICE EVALUATION\(^5\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93286</td>
<td>Peri-procedural device evaluation and programming of device system parameters before or after a surgery, procedure, or test by a physician or other qualified health care professional; analysis, review and report; single, dual, or multiple lead pacemaker system</td>
</tr>
</tbody>
</table>

### IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)/CRT-D

#### PROGRAMMING\(^2\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93282</td>
<td>Programming device evaluation with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional; single lead implantable cardioverter-defibrillator system</td>
</tr>
<tr>
<td>93283</td>
<td>Dual lead implantable cardioverter-defibrillator system</td>
</tr>
<tr>
<td>93284</td>
<td>Multiple lead implantable cardioverter-defibrillator system</td>
</tr>
</tbody>
</table>

#### INTERROGATION (IN PERSON)\(^2\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93289</td>
<td>Interrogation device evaluation (in person) by a physician or other qualified health care professional; 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</td>
</tr>
</tbody>
</table>

#### INTERROGATION (REMOTE)\(^2\)

<table>
<thead>
<tr>
<th>Procedure Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93295</td>
<td>Interrogation device evaluation(s) (remote), up to 90 days; single, dual, or multiple lead implantable cardioverter-defibrillator system by a physician or other qualified health care professional; review(s) and report(s)</td>
</tr>
<tr>
<td>93296</td>
<td>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</td>
</tr>
</tbody>
</table>
PERI-PROCEDURAL DEVICE EVALUATION

INTERROGATION
93297 Peri-procedural device evaluation and programming of device system parameters before or after a surgery, procedure, or test by a physician or other qualified health care professional; analysis, review and report; single, dual, or multiple lead implantable cardioverter defibrillator system

IMPLANTABLE LOOP RECORDER (ILR)

PROGRAMMING
93285 Programming device evaluation with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values by a physician or other qualified health care professional; analysis, review and report; implantable loop recorder system

INTERROGATION (IN PERSON)
93291 Interrogation device evaluation (in person) by a physician or other qualified health care professional; analysis, review and report, includes connection, recording, and disconnection per patient encounter; implantable loop recorder system, including heart rhythm derived data analysis

INTERROGATION (REMOTE)
93298 Interrogation device evaluation(s), (remote) up to 30 days; implantable loop recorder system, including analysis of recorded heart rhythm data, by a physician or other qualified health care professional; analysis, review(s) and report(s)
93299 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

IMPLANTABLE CARDIAC MONITOR (ICM)

INTERROGATION (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

INTERROGATION (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, by a physician or other qualified health care professional; analysis, review(s) and report(s)

REPORTING INSTRUCTIONS (FOOTNOTES)
Providers can indicate that a service or procedure has been altered by a specific circumstance but has not changed in its definition or code. For example, modifiers may be used to report:

1. PROGRAMMING
   - Reported per procedure
   - May not be reported in conjunction with in-person interrogation device evaluations, peri-procedural device evaluations and programming, or device and/or lead insertion or revision
   - May be reported in addition to remote interrogation device evaluations during the remote interrogation device evaluation period
   - May not be reported for ILRs in conjunction with programming device evaluations for pacemakers and ICDs

2. INTERROGATION (IN PERSON)
   - Reported per procedure
   - May not be reported in conjunction with programming device evaluations, peri-procedural device evaluations and programming, remote interrogation device evaluations, or device and/or lead insertion or revision
   - ICM device services are always reported separately from ICD services, even when the same device is capable of producing both (ECG rhythm derived elements are distinct from physiologic data)
   - When ILR data is derived from an ICD or pacemaker, ILR services are not reported separately from pacemaker or ICD services (both are ECG rhythm derived elements)

3. INTERROGATION (REMOTE) – PACEMAKER/ICD
   - Reported no more than once every 90 days (and not to be reported if the monitoring period is less than 30 days)
   - A period is established by the initiation of the remote monitoring on the 91st day of a pacemaker or ICD monitoring and extends for the subsequent 90 days for which remote monitoring is occurring
   - A service center may report pacemaker and ICD remote data acquisition during a period in which a physician performs an in-person interrogation device evaluation, but a physician may not report and in-person and remote interrogation of the same device during the same period
   - When an in-person interrogation device evaluation is performed during a period of remote interrogations device evaluation, only remote services may be reported
   - May be reported in addition to programming device evaluations during the remote interrogation device evaluation period
   - Data acquisition (93296) may not be reported in conjunction with remote interrogation data acquisition for ICMs and ILRs (93299)
   - ICM device services are always reported separately from the ICD services, even when the same device is capable of producing both (ECG rhythm derived elements are distinct from physiologic data)
   - When ILR data is derived from an ICD or pacemaker, ILR services are not reported separately from pacemaker or ICD services (both are rhythm derived elements)
4. TRANSTELEPHONIC RHYTHM STRIP PACEMAKER EVALUATION

- Reported no more than once every 90 days (and not to be reported if the monitoring period is less than 30 days)
- May not be reported in conjunction with remote pacemaker interrogations
- In-person evaluation of transtelephonic data should be reported using ECG codes (93040, 93041, 93042)

5. PERI-PERCEDURAL DEVICE EVALUATION

- Reported once before and once after surgery, procedure or test
- If one provider performs both the pre- and post-evaluation and programming service, the appropriate code (93296 for pacemakers or 23287 for ICDs) would be reported two times
- If one provider performs the pre-surgical service and a separate provider performs the post-surgical service, each reports either code only at one time
- May not be reported in conjunction with programming device evaluations or interrogation device evaluations for pacemakers or ICDs

6. INTERROGATION (REMOTE) – ICM/ILR

- Reported no more than once every 30 days (and not to be reported if the monitoring period is less than 10 days)
- A period is established by the initiation of the remote monitoring on the 31st day of a ICM or ILR monitoring and extends for the subsequent 30 days for which remote monitoring is occurring
- A service center may report ICM and ILR remote data acquisition during a period in which a physician performs an in-person interrogation device evaluation, but a physician may not report an in-person and remote interrogation of the same device during the same period
- When an in-person interrogation device evaluation is performed during a period of remote interrogations device evaluation, only remote services may be reported
- May be reported in addition to programming device evaluations during the remote interrogation device evaluation period
- Data acquisition (93299) may not be reported in conjunction with remote interrogation data acquisition for pacemakers and ICDs (93296)
- Remote interrogation of ICMs may not be reported in conjunction with remote interrogation of ILRs
- ICM device services are always reported separately from ICD services, even when the same device is capable of producing both (ECG rhythm derived elements are distinct from physiologic data)
- When ILR data is derived from an ICD or pacemaker, ILR services are not reported separately from pacemaker or ICD services (both are ECG rhythm derived elements)

MODIFIERS

Providers can indicate that a service or procedure has been altered by a specific circumstance but has not changed in its definition or code. For example, modifiers may be used to report:

- Only the professional component (-26)
- Only the technical component (-TC)

Consult the current CPT and/or HCPCS manual for a complete listing of modifiers, their definitions and guidelines.

REFERENCES


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