# Cardiac Device Monitoring Services

**FREQUENTLY USED CPT‡ CODES-HOSPITAL OUTPATIENT AND PHYSICIAN SERVICES (Effective CY 2019)**

<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

### PROGRAMMING¹

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>93279</td>
<td>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 analysis, review and report by a physician or other qualified health care professional; single lead pacemaker system or leadless pacemaker system in one cardiac chamber</td>
</tr>
</tbody>
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### INTERROGATION (IN PERSON)²

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

### INTERROGATION (REMOTE)³

<table>
<thead>
<tr>
<th>Code</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, or leadless pacemaker system with interim analysis, review(s) and report(s) by a physician or other qualified health care professional</td>
</tr>
</tbody>
</table>

### TRANSTELEPHONIC RHYTHM STRIP EVALUATION⁴

<table>
<thead>
<tr>
<th>Code</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 EVALUATION⁵

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

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

### PROGRAMMING¹

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93282</td>
<td>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 analysis, review and report by a physician or other qualified health care professional; single lead transvenous implantable defibrillator system</td>
</tr>
</tbody>
</table>

### INTERROGATION (REMOTE)³

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93284</td>
<td>Multiple lead transvenous implantable defibrillator system</td>
</tr>
</tbody>
</table>

### INTERROGATION (IN PERSON)²

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93289</td>
<td>Interrogation device evaluation (in person) with analysis, review and report by a physician or other qualified health care professional, includes connection, recording and disconnection per patient encounter; single, dual, or multiple lead transvenous implantable defibrillator system, including analysis of heart rhythm derived data elements</td>
</tr>
</tbody>
</table>

### INTERROGATION (REMOTE)³

<table>
<thead>
<tr>
<th>Code</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 defibrillator system with interim analysis, review(s) and report(s) by a physician or other qualified health care professional</td>
</tr>
</tbody>
</table>
INTERROGATION (IN PERSON)

93296 Single, dual, or multiple lead pacemaker system, leadless pacemaker system, or implantable defibrillator system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results

INTERROGATION (REMOTE)

93297 Interrogation device evaluation(s), (remote) up to 30 days; implantable cardiovascular physiologic monitor system, including analysis of 1 or more recorded cardiovascular data elements from all internal and external sensors, analysis, review(s) and report(s), by a physician or other qualified health care professional

IMPLANTABLE/INSERTABLE CARDIAC RHYTHM MONITOR (ICM)

PROGRAMMING

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 analysis, review and report by a physician or other qualified health care professional: subcutaneous cardiac rhythm monitor

93287 Peri-procedural device evaluation (in person) and programming of device system parameters before or after a surgery, procedure, or test with analysis, review and report by a physician or other qualified health care professional; single, dual, or multiple lead implantable defibrillator system

INTERROGATION (IN PERSON)

93291 Interrogation device evaluation (in person) with analysis, review and report by a physician or other qualified health care professional, includes connection, recording and disconnection per patient encounter; subcutaneous cardiac rhythm monitor system, including heart rhythm derived data analysis

93293 Interrogation device evaluation (in person) review(s) and report(s), by a physician or other qualified healthcare professional

INTERROGATION (REMOTE)

93298 Interrogation device evaluation(s), (remote) up to 30 days; subcutaneous cardiac rhythm monitor system, including analysis of recorded heart rhythm data, analysis, review(s) and report(s) by a physician or other qualified health care professional

93299 Implantable cardiovascular physiologic monitor system or subcutaneous cardiac rhythm monitor system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results

CARDIOVASCULAR PHYSIOLOGIC MONITOR

INTERROGATION (IN PERSON)

93290 Interrogation device evaluation (in person) with analysis, review and report by physician or other qualified health care professional, includes connection, recording and disconnection per patient encounter; implantable cardiovascular physiologic monitor system, including analysis of 1 or more recorded physiologic cardiovascular data elements from all internal and external sensors

IMPLANTABLE WIRELESS PULMONARY ARTERY SENSOR

INTERROGATION (REMOTE)

93264 Remote monitoring of a wireless pulmonary artery pressure sensor for up to 30 days, including at least weekly downloads of pulmonary artery pressure recordings, interpretation(s), trend analysis, and report(s) by a physician or other qualified health care professional

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 subcutaneous cardiac rhythm monitors 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 subcutaneous cardiac rhythm monitor data is derived from an ICD or pacemaker, subcutaneous cardiac rhythm monitoring services are not reported separately from pacemaker or ICD services (both are ECG rhythm derived elements)
   - May not be reported for subcutaneous cardiac rhythm monitors in conjunction with in person interrogations for pacemakers, ICDs, and ICMs
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 31st 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 cardiac rhythm data are derived from an implantable defibrillator or pacemaker, do not report subcutaneous cardiac rhythm monitor services with pacemaker or implantable defibrillator services

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-PROCEDURAL 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) – IMPLANTABLE CARDIOVASCULAR PHYSIOLOGIC MONITOR/ SUBCUTANEOUS CARDIAC RHYTHM MONITOR
- 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 an ICM or subcutaneous cardiac rhythm monitor system monitoring and extends for the subsequent 30 days for which remote monitoring is occurring
- A service center may report ICM and subcutaneous cardiac rhythm monitor system 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 can be reported in conjunction with remote interrogation of subcutaneous cardiac rhythm monitor systems
- 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 implantable cardiac physiologic monitor functionality is included in an implantable defibrillator or pacemaker, the implantable cardiovascular physiologic monitor data and the implantable defibrillator or pacemaker, heart rhythm data such as sensing, pacing, and tachycardia detection therapy are distinct and therefore, the monitoring periods are distinct

7. INTERROGATION (REMOTE) – IMPLANTABLE WIRELESS PULMONARY ARTERY SENSOR
- Reported no more than once every 30 days (and not to be reported if the monitoring period is less than 30 days)
- Do not report if download(s), interpretation(s), trend analysis, and report(s) do not occur at least weekly during the 30-day time period
- Do not report 93264 if review does not occur at least weekly during the 30-day time period

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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