



## Cardiac Contractility Modulation for Heart Failure

<b>Related CR Release Date:</b> December 19, 2025	<b>MLN Matters Number:</b> MM14311
<b>Effective Date:</b> October 28, 2025	<b>Related Change Request (CR) Number:</b> CR 14311
<b>Implementation Date:</b> April 6, 2026	<b>Related CR Transmittal Numbers:</b> <a href="#">R13538CP</a> & <a href="#">R13538NCD</a>

### Affected Providers

- Hospitals
- Physicians

### Action Needed

Make sure your billing staff knows about national coverage for cardiac contractility modulation (CCM):

- Criteria
- Coverage with evidence development (CED) study criteria
- Claims processing requirements

### Key Updates

CCM treats heart failure (HF). Effective October 28, 2025, CMS covers CCM for treating HF under CED according to the coverage criteria we outline in the [Medicare National Coverage Determination \(NCD\) Manual, Chapter 1](#), section 20.39.

Consistent with section 1142 of the [Social Security Act](#), the Agency for Healthcare Research and Quality supports clinical research studies that we determine meet all the criteria and standards in NCD 20.39.

CPT codes, descriptions, and other data only are copyright 2024 American Medical Association. All Rights Reserved.

Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

CPT is a registered trademark of the American Medical Association.

We don't cover CCM for HF for patients outside of a CMS-approved study. See NCD 20.39 for the complete coverage criteria.

Note: Nothing in the NCD would preclude coverage of CCM through NCD 310.1 — Clinical Trial Policy or through the investigational device exemption policy.

## Claims Processing Requirements

Use these procedure codes when billing for CCM.

**Table 1. Insertion and Replacement Procedures**

CPT Code	Long Descriptor
0408T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator with transvenous electrodes
0409T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator only
0410T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; atrial electrode only
0411T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; ventricular electrode only

**Table 2. Removal Procedures**

CPT Code	Long Descriptor
0412T	Removal of permanent cardiac contractility modulation system; pulse generator only
0413T	Removal of permanent cardiac contractility modulation system; transvenous electrode (atrial or ventricular)
0414T	Removal and replacement of permanent cardiac contractility modulation system pulse generator only

**Table 3. Repositioning Procedures**

CPT Code	Long Descriptor
0415T	Repositioning of previously implanted cardiac contractility modulation transvenous electrode (atrial or ventricular lead)
0416T	Relocation of skin pocket for implanted cardiac contractility modulation pulse generator

**Table 4. Programming Procedures**

CPT Code	Long Descriptor
0417T	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, including review and report, implantable cardiac contractility modulation system
0418T	Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording and disconnection per patient encounter, implantable cardiac contractility modulation system

**Table 5. Insertion and Replacement Procedures (ICD-10-PCS)**

ICD-10-PCS Code	Long Descriptor
0JH60AZ	Insertion of Contractility Modulation Device into Chest Subcutaneous Tissue and Fascia, Open Approach
0JH63AZ	Insertion of Contractility Modulation Device into Chest Subcutaneous Tissue and Fascia, Percutaneous Approach
0JH80AZ	Insertion of Contractility Modulation Device into Abdomen Subcutaneous Tissue and Fascia, Open Approach
0JH83AZ	Insertion of Contractility Modulation Device into Abdomen Subcutaneous Tissue and Fascia, Percutaneous Approach
02H63MZ	Insertion of cardiac lead into right atrium, percutaneous approach (when specified as a lead for a contractility modulation device)
02HK3MZ	Insertion of cardiac lead into right ventricle, percutaneous approach (when specified as a lead for a contractility modulation device)

CPT only copyright 2024 American Medical Association. All Rights Reserved.

**Table 6. CCM Procedures (HCPCS)**

HCPCS Code	Long Descriptor
C1824	Generator, cardiac contractility modulation (implantable)
C1898	Lead, pacemaker, other than transvenous VDD single pass
K1030	External recharging system for battery (internal) for use with implanted cardiac contractility modulation generator, replacement only

Submit CCM claims with 1 of these ICD-10-CM codes as the primary diagnosis—I50.1, I50.20, I50.21, I50.22, I50.23, I50.30, I50.31, I50.32, I50.33, I50.40, I50.41, I50.42, I50.43, I50.810, I50.811, I50.812, I50.813, I50.814, I50.82, I50.83, I50.84, I50.89, or I50.9—and Z00.6 as the other diagnosis.

### **Institutional Claims**

We cover claims for CCM in a clinical research study when billed with:

- 1 of the ICD-10-PCS codes we list in the [Medicare Claims Processing Manual, Chapter 32](#), section 416.1 and type of bill (TOB) 11X
- 1 of the CPT or HCPCS codes we list in the Medicare Claims Processing Manual, Chapter 32, section 416.1 and TOB 12X, 13X, or 85X
- An appropriate ICD-10-CM principal diagnosis code and Z00.6 as the other diagnosis
- Condition code 30 — Qualified clinical trial
- Value code D4 — Clinical trial number (8-digit number)
- Modifier Q0 — Investigational clinical service provided in a clinical study that's in an approved clinical research study and TOB 12X, 13X, or 85X

### **Professional Claims**

We cover claims for CCM in a clinical research study when billed with:

- 1 of the CPT or HCPCS codes we list in the Medicare Claims Processing Manual, Chapter 32, section 416.1
- An appropriate ICD-10-CM principal diagnosis code and Z00.6 as the other diagnosis
- Place of service (POS) code 19, 21, 22, or 26
- The 8-digit clinical trial identifier number
- Modifier Q0 — Investigational clinical service provided in a clinical study that's in an approved clinical research study

Your Medicare Administrative Contractor (MAC) will return any CCM claims you submitted with the wrong TOB, POS, condition code, modifier, or value codes or claims that don't include the clinical trial number. Your MAC will deny claims you submitted without the appropriate ICD-10-CM diagnosis codes.

Note: Your MAC won't search their files for CCM claims processed with dates of service or discharge dates from October 28, 2025 – April 6, 2026; however, they'll adjust any claims you bring to their attention.

## More Information

We issued CR 14311 to your MAC as the official instruction for this change. The CR is in 2 transmittals:

- R13538CP adds section 416 to the Medicare Claims Processing Manual
- R13538NCD adds section 20.39 to the Medicare NCD Manual

For more information, find your [MAC's website](#).

## Document History

Date of Change	Description
December 22, 2025	Initial article released.

View the [Medicare Learning Network® Content Disclaimer and Department of Health & Human Services Disclosure](#).

The Medicare Learning Network®, MLN Connects®, and MLN Matters® are registered trademarks of the U.S. Department of Health & Human Services (HHS).

