

CMS Manual System	Department of Health & Human Services (DHHS)
Pub 100-04 Medicare Claims Processing	Centers for Medicare & Medicaid Services (CMS)
Transmittal 13025	Date: December 23, 2024
	Change Request 13914

SUBJECT: Update to the Internet Only Manual (IOM) Publication (Pub.) 100-04, Chapter 18 Section 60.3 and Chapter 32 Sections 11.3.5, 60.4.1, 60.5.2, 320.2 and 412.1 for Coding Revisions to the National Coverage Determinations (NCDs) - April 2025 (2 of 2) Change Request (CR) 13828

I. SUMMARY OF CHANGES: The purpose of this Change Request (CR) is to make updates to chapter 18 section 60.3 and chapter 32 Sections 11.3.5, 60.4.1, 60.5.2, 320.2 and 412.1 of the Medicare Claims Processing Manual Pub. 100-04 to coincide with the NCD updates in CR 13828, "International Classification of Diseases, 10th Revision (ICD-10) and Other Coding Revisions to National Coverage Determinations (NCDs)-April 2025 (2 of 2) ".

EFFECTIVE DATE: See Individual Business Requirements for Effective Dates

**Unless otherwise specified, the effective date is the date of service.*

IMPLEMENTATION DATE: March 20, 2025

Disclaimer for manual changes only: The revision date and transmittal number apply only to red italicized material. Any other material was previously published and remains unchanged. However, if this revision contains a table of contents, you will receive the new/revised information only, and not the entire table of contents.

II. CHANGES IN MANUAL INSTRUCTIONS: (N/A if manual is not updated)

R=REVISED, N=NEW, D=DELETED-Only One Per Row.

R/N/D	CHAPTER / SECTION / SUBSECTION / TITLE
R	18/60/60.3/- Determining High Risk for Developing Colorectal Cancer
R	32/11/11.3.5/ Place of Service (POS) for Professional Claims
R	32/60/60.4.1/Allowable Covered Diagnosis Codes
R	32/60/60.5.2/Applicable Diagnosis Codes for A/B MACs (B)
R	32/320/320.2/ Coding Requirements for Artificial Hearts Furnished On or After May 1, 2008
R	32/412/412.1/ Coding Information

III. FUNDING:

For Medicare Administrative Contractors (MACs):

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to

be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

IV. ATTACHMENTS:

**Business Requirements
Manual Instruction**

Attachment - Business Requirements

Pub. 100-04	Transmittal: 13025	Date: December 23, 2024	Change Request: 13914
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I. SUMMARY OF CHANGES: The purpose of this Change Request (CR) is to make updates to chapter 18 section 60.3 and chapter 32 Sections 11.3.5, 60.4.1, 60.5.2, 320.2 and 412.1 of the Medicare Claims Processing Manual Pub. 100-04 to coincide with the NCD updates in CR 13828, "International Classification of Diseases, 10th Revision (ICD-10) and Other Coding Revisions to National Coverage Determinations (NCDs)-April 2025 (2 of 2) ".

II. GENERAL INFORMATION

A. Background:

The purpose of this Change Request (CR) is to update Pub. 100-04, chapter 18 section 60.3 and chapter 32 Sections 11.3.5, 60.4.1, 60.5.2, 320.2 and 412.1 for the billing requirements of the Medicare Claims Processing Manual. The revisions listed below can be found in CR13828, International Classification of Diseases, 10th Revision (ICD-10) and Other Coding Revisions to National Coverage Determinations (NCDs)-April 2025, (CR 2 of 2), NCD 190.11 - PT/INR for Anticoagulation management, NCD 200.3 - Monoclonal Antibodies, NCD 210.3 - Colorectal Cancer, NCD – 260.9 Heart Transplants, and NCD – 270.3 Blood-Derived Products for Chronic, Non-Healing Wounds.

NCD 190.11 - PT/INR for Anticoagulation Management: Revised descriptor for ICD-10 dx I26.93 and I26.94 effective October 1, 2024.

Add ICD-10 dx I26.03 and I26.95 effective October 1, 2024. (IOM 100-04 Chapter 32, Sections 60.4.1 and 60.5.2)

NCD 200.3 - Monoclonal Antibodies: Add J0175 Injection, donanemab-azbt, 2mg for KISUNLA™ effective FDA approval date of July 2, 2024. (IOM 100-04 Chapter 32, Sections 412.1)

NCD 210.3 - Colorectal Cancer: End date ICD-10 dx Z86.010 effective September 30, 2024.

Add ICD-10 dx Z83.72, Z86.0100, Z86.0101, Z86.0102, and Z86.0109 effective October 1, 2024. (IOM 100-04 Chapter 18, Section 60.3)

NCD 260.9 - Heart Transplants: End-date ICD-10 dx Q23.8 effective September 30, 2024.

Add ICD-10 dx Q23.81, Q23.82, and Q23.88 effective October 1, 2024. (IOM 100-04 Chapter 32, Sections 320.2)

NCD 270.3 - Blood-Derived Products for Chronic, Non-Healing Wounds: Add Part B POS codes 12 and 31 effective January 1, 2024. (IOM 100-04 Chapter 32, Sections 11.3.5)

B. Policy: This CR does not involve any changes to policy

III. BUSINESS REQUIREMENTS TABLE

"Shall" denotes a mandatory requirement, and "should" denotes an optional requirement.

Number	Requirement	Responsibility								
		A/B MAC			DME MAC	Shared-System Maintainers				Other
		A	B	HHH		FISS	MCS	VMS	CWF	
13914.1	<p>The Contractors shall be aware of the manual updates in Pub 100-04, Chapter 18, Section 60.3.</p> <p>Note: End date ICD-10 dx Z86.010 effective September 30, 2024.</p> <p>Add ICD-10 dx Z83.72, Z86.0100, Z86.0101, Z86.0102, and Z86.0109 effective October 1, 2024.</p>	X	X							
13914.2	<p>The Contractor shall be aware of the manual updates in Pub 100-04, Chapter 32, Section 11.3.5.</p> <p>Note: Add Part B POS codes 12 and 31 effective January 1, 2024.</p>		X							
13914.3	The Contractors shall be aware of the manual updates in Pub	X	X							

Number	Requirement	Responsibility								
		A/B MAC			DME MAC	Shared-System Maintainers				Other
		A	B	HHH		FISS	MCS	VMS	CWF	
	<p>100-04, Chapter 32, Sections 60.4.1 and 60.5.2.</p> <p>Note: Revised descriptor for ICD-10 dx I26.93 and I26.94 effective October 1, 2024.</p> <p>Add ICD-10 dx I26.03 and I26.95 effective October 1, 2024</p>									
13914.4	<p>The Contractors shall be aware of the manual updates in Pub 100-04, Chapter 32, Section 320.2.</p> <p>Note: End-date ICD-10 dx Q23.8 effective September 30, 2024.</p> <p>Add ICD-10 dx Q23.81, Q23.82, and Q23.88 effective October 1, 2024.</p>	X	X							
13914.5	<p>The Contractors shall be aware of the manual updates in Pub 100-04, Chapter 32, Section 412.1.</p> <p>Note: Add J0175 Injection, donanemab-azbt, 2mg for KISUNLA™ effective FDA approval date of July 2, 2024.</p>	X	X							

IV. PROVIDER EDUCATION

None

Impacted Contractors: None

V. SUPPORTING INFORMATION

Section A: Recommendations and supporting information associated with listed requirements: N/A

"Should" denotes a recommendation.

X-Ref Requirement Number	Recommendations or other supporting information:
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Section B: All other recommendations and supporting information:N/A

VI. CONTACTS

Post-Implementation Contact(s): Contact your Contracting Officer's Representative (COR).

VII. FUNDING

Section A: For Medicare Administrative Contractors (MACs):

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

ATTACHMENTS: 0

60.3 - Determining High Risk for Developing Colorectal Cancer *(Rev. 13025, Issued: 12-23-24; Effective: 10-01-24; Implementation: 03-20-25)*

A. Characteristics of the High-Risk Individual

An individual at high risk for developing colorectal cancer has one or more of the following:

- A close relative (sibling, parent, or child) who has had colorectal cancer or an adenomatous polyp.
- A family history of familial adenomatous polyposis.
- A family history of hereditary nonpolyposis colorectal cancer.
- A personal history of adenomatous polyps.
- A personal history of colorectal cancer; or
- Inflammatory bowel disease, including Crohn's Disease, and ulcerative colitis.

B. Partial List of ICD-10-CM Codes Indicating High Risk

Listed below are some examples of diagnoses that meet the high-risk criteria for colorectal cancer. This is not an all-inclusive list. There may be more instances of conditions, which may be coded and could be considered high risk at the medical directors' discretion.

Partial List of diagnosis codes indicating high risk: only applicable to G0105 and G0120 (high risk colorectal cancer screening)

C18.0	Malignant neoplasm of cecum
C18.2	Malignant neoplasm of ascending colon
C18.3	Malignant neoplasm of hepatic flexure
C18.4	Malignant neoplasm of transverse colon
C18.5	Malignant neoplasm of splenic flexure
C18.6	Malignant neoplasm of descending colon
C18.7	Malignant neoplasm of sigmoid colon
C18.8	Malignant neoplasm of overlapping sites of colon
C19	Malignant neoplasm of rectosigmoid junction
C20	Malignant neoplasm of rectum
C21.0	Malignant neoplasm of anus, unspecified
C21.1	Malignant neoplasm of anal canal
C21.2	Malignant neoplasm of cloacogenic zone
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal
C49.A	Gastrointestinal stromal tumor of small intestine
C49.A	Gastrointestinal stromal tumor of large intestine
C49.A5	Gastrointestinal stromal tumor of rectum
C78.5	Secondary malignant neoplasm of large intestine and rectum
C7A.02	Malignant carcinoid tumor of the cecum

C7A.022	Malignant carcinoid tumor of the ascending colon
C7A.023	Malignant carcinoid tumor of the transverse colon
C7A.024	Malignant carcinoid tumor of the descending colon
C7A.025	Malignant carcinoid tumor of the sigmoid colon
C7A.026	Malignant carcinoid tumor of the rectum
D01.0	Carcinoma in situ of colon
D01.1	Carcinoma in situ of rectosigmoid junction
D01.2	Carcinoma in situ of rectum
D01.3	Carcinoma in situ of anus and anal canal
D12.0	Benign neoplasm of cecum
D12.2	Benign neoplasm of ascending colon
D12.3	Benign neoplasm of transverse colon
D12.4	Benign neoplasm of descending colon
D12.5	Benign neoplasm of sigmoid colon
D12.7	Benign neoplasm of rectosigmoid junction
D12.8	Benign neoplasm of rectum
D12.9	Benign neoplasm of anus and anal canal
D37.4	Neoplasm of uncertain behavior of colon
D37.5	Neoplasm of uncertain behavior of rectum
D37.9	Neoplasm of uncertain behavior of digestive organ, unspecified
D3A.021	Benign carcinoid tumor of the cecum
D3A.022	Benign carcinoid tumor of the ascending colon
D3A.023	Benign carcinoid tumor of the transverse colon
D3A.024	Benign carcinoid tumor of the descending colon
D3A.025	Benign carcinoid tumor of the sigmoid colon
D3A.026	Benign carcinoid tumor of the rectum
D3A.029	Benign carcinoid tumor of the large intestine, unspecified portion
K50.00	Crohn's disease of small intestine without complications
K50.011	Crohn's disease of small intestine with rectal bleeding
K50.012	Crohn's disease of small intestine with intestinal obstruction
K50.013	Crohn's disease of small intestine with fistula
K50.014	Crohn's disease of small intestine with abscess
K50.018	Crohn's disease of small intestine with other complication
K50.019	Crohn's disease of small intestine with unspecified complications
K50.10	Crohn's disease of large intestine without complications
K50.111	Crohn's disease of large intestine with rectal bleeding
K50.112	Crohn's disease of large intestine with intestinal obstruction
K50.113	Crohn's disease of large intestine with fistula
K50.114	Crohn's disease of large intestine with abscess
K50.118	Crohn's disease of large intestine with other complication
K50.119	Crohn's disease of large intestine with unspecified complications
K50.80	Crohn's disease of both small and large intestine without complications
K50.811	Crohn's disease of both small and large intestine with rectal bleeding
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction
K50.813	Crohn's disease of both small and large intestine with fistula
K50.814	Crohn's disease of both small and large intestine with abscess
K50.818	Crohn's disease of both small and large intestine with other complication
K50.819	Crohn's disease of both small and large intestine with unspecified complications
K50.90	Crohn's disease, unspecified, without complications
K50.911	Crohn's disease, unspecified, with rectal bleeding

K50.912 Crohn's disease, unspecified, with intestinal obstruction
K50.913 Crohn's disease, unspecified, with fistula
K50.914 Crohn's disease, unspecified, with abscess
K50.918 Crohn's disease, unspecified, with other complication
K50.919 Crohn's disease, unspecified, with unspecified complications
K51.00 Ulcerative (chronic) pancolitis without complications
K51.011 Ulcerative (chronic) pancolitis with rectal bleeding
K51.012 Ulcerative (chronic) pancolitis with intestinal obstruction
K51.013 Ulcerative (chronic) pancolitis with fistula
K51.014 Ulcerative (chronic) pancolitis with abscess
K51.018 Ulcerative (chronic) pancolitis with other complication
K51.019 Ulcerative (chronic) pancolitis with unspecified complications
K51.20 Ulcerative (chronic) proctitis without complications
K51.211 Ulcerative (chronic) proctitis with rectal bleeding
K51.212 Ulcerative (chronic) proctitis with intestinal obstruction
K51.213 Ulcerative (chronic) proctitis with fistula
K51.214 Ulcerative (chronic) proctitis with abscess
K51.218 Ulcerative (chronic) proctitis with other complication
K51.219 Ulcerative (chronic) proctitis with unspecified complications
K51.30 Ulcerative (chronic) rectosigmoiditis without complications
K51.311 Ulcerative (chronic) rectosigmoiditis with rectal bleeding
K51.312 Ulcerative (chronic) rectosigmoiditis with intestinal obstruction
K51.313 Ulcerative (chronic) rectosigmoiditis with fistula
K51.314 Ulcerative (chronic) rectosigmoiditis with abscess
K51.318 Ulcerative (chronic) rectosigmoiditis with other complication
K51.319 Ulcerative (chronic) rectosigmoiditis with unspecified complications
K51.40 Inflammatory polyps of colon without complications
K51.411 Inflammatory polyps of colon with rectal bleeding
K51.412 Inflammatory polyps of colon with intestinal obstruction
K51.413 Inflammatory polyps of colon with fistula
K51.414 Inflammatory polyps of colon with abscess
K51.418 Inflammatory polyps of colon with other complication
K51.419 Inflammatory polyps of colon with unspecified complications
K51.50 Left sided colitis without complications
K51.511 Left sided colitis with rectal bleeding
K51.512 Left sided colitis with intestinal obstruction
K51.513 Left sided colitis with fistula
K51.514 Left sided colitis with abscess
K51.518 Left sided colitis with other complication
K51.519 Left sided colitis with unspecified complications
K51.80 Other ulcerative colitis without complications
K51.811 Other ulcerative colitis with rectal bleeding
K51.812 Other ulcerative colitis with intestinal obstruction
K51.813 Other ulcerative colitis with fistula
K51.814 Other ulcerative colitis with abscess
K51.818 Other ulcerative colitis with other complication
K51.819 Other ulcerative colitis with unspecified complications
K51.90 Ulcerative colitis, unspecified, without complications
K51.911 Ulcerative colitis, unspecified with rectal bleeding
K51.912 Ulcerative colitis, unspecified with intestinal obstruction
K51.913 Ulcerative colitis, unspecified with fistula

K51.914 Ulcerative colitis, unspecified with abscess
K51.918 Ulcerative colitis, unspecified with other complication
K51.919 Ulcerative colitis, unspecified with unspecified complications
K52.1 Toxic gastroenteritis and colitis
K52.89 Other specified non-infective gastroenteritis and colitis
K52.9 Non-infective gastroenteritis and colitis, unspecified
K57.20 Diverticulitis of large intestine with perforation and abscess without bleeding
K57.21 Diverticulitis of large intestine with perforation and abscess with bleeding
K57.30 Diverticulosis of large intestine without perforation or abscess without bleeding
K57.31 Diverticulosis of large intestine without perforation or abscess with bleeding
K57.32 Diverticulitis of large intestine without perforation or abscess without bleeding
K57.33 Diverticulitis of large intestine without perforation or abscess with bleeding
K57.40 Diverticulitis of both small and large intestine with perforation and abscess without bleeding
K57.41 Diverticulitis of both small and large intestine with perforation and abscess with bleeding
K57.50 Diverticulosis of both small and large intestine without perforation or abscess without bleeding
K57.51 Diverticulosis of both small and large intestine without perforation or abscess with bleeding
K57.52 Diverticulitis of both small and large intestine without perforation or abscess without bleeding
K57.53 Diverticulitis of both small and large intestine without perforation or abscess with bleeding
K57.80 Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding
K57.81 Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding
K57.90 Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding
K57.91 Diverticulosis of intestine, part unspecified, without perforation or abscess with bleeding
K57.92 Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding
K57.93 Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding
K62.0 Anal polyp
K62.1 Rectal polyp
K62.6 Ulcer of anus and rectum
K63.3 Ulcer of intestine
K63.5 Polyp of colon
Z12.10 Encounter for screening for malignant neoplasm of intestinal tract, unspecified
Z12.11 Encounter for screening for malignant neoplasm of colon
Z12.12 Encounter for screening for malignant neoplasm of rectum
Z15.09 Genetic susceptibility to other malignant neoplasm
Z80.0 Family history of malignant neoplasm of digestive organs
Z83.710 Family history of adenomatous and serrated polyps
Z83.711 Family history of hyperplastic colon polyps
Z83.718 Other family history of colon polyps
Z83.719 Family history of colon polyps, unspecified
Z83.72 Family history of familial adenomatous polyposis effective October 1, 2024

- Z85.038 Personal history of other malignant neoplasm of large intestine
- Z85.048 Personal history of other malignant neoplasm of rectum, rectosigmoid junction, and anus
- Z86.004 Personal history of in-situ neoplasm of other and unspecified digestive organs
- Z86.010 Personal history of colonic polyps *end date September 30, 2024*
- Z86.0100 Personal history of colon polyps, unspecified effective October 1, 2024*
- Z86.0101 Personal history of adenomatous and serrated colon polyps effective October 1, 2024*
- Z86.0102 Personal history of hyperplastic colon polyps effective October 1, 2024*
- Z86.0109 Personal history of other colon polyps October 1, 2024*

Applicable to G0464/81528: colorectal cancer screening; stool-based DNA and fecal occult hemoglobin (e.g., kras, ndrg4 and bmp3), as well as G0327: colorectal cancer screening; blood-based biomarker - only 1 diagnosis required

- Z12.12 Encounter for screening for malignant neoplasm of rectum
- Z12.11 Encounter for screening for malignant neoplasm of colon

11.3.5 - Place of Service (POS) for Professional Claims

(Rev. 13015, Issued: 12-23-24; Effective: 01-01-24; Implementation: 03-20-25)

Effective for claims with dates of service on or after August 2, 2012, place of service (POS) codes 11, 22, and 49 shall be used for PRP services.

Effective for claims with dates of service on or after April 13, 2021, POS codes 11, 19, 22, and 49 shall be used for PRP services.

Effective for claims with dates of service on or after January 1, 2024, POS codes 11, 12, 19, 22, 31, and 49 shall be used for PRP services.

60.4.1 – Allowable Covered Diagnosis Codes

(Rev. 13015, Issued: 12-23-24; Effective: 10-01-24; Implementation: 03-20-25)

For services furnished on or after the implementation of ICD-10 the applicable ICD-10-CM diagnosis codes for this benefit are:

ICD-10-CM Code	Code Description
D68.51	Activated protein C resistance
D68.52	Prothrombin gene mutation
D68.59	Other primary thrombophilia
D68.61	Antiphospholipid syndrome
D68.62	Lupus anticoagulant syndrome
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
I26.01	Septic pulmonary embolism with acute cor pulmonale
<i>I26.03</i>	<i>Cement embolism of pulmonary artery with acute cor pulmonale effective October 1, 2024</i>
I26.09	Other pulmonary embolism with acute cor pulmonale
I26.90	Septic pulmonary embolism without acute cor pulmonale
I26.93	Single subsegmental <i>thrombotic</i> pulmonary embolism without acute cor pulmonale
I26.94	Multiple subsegmental <i>thrombotic</i> pulmonary emboli without acute cor pulmonale
<i>I26.95</i>	<i>Cement embolism of pulmonary artery without acute cor pulmonale effective October 1, 2024</i>
I26.99	Other pulmonary embolism without acute cor pulmonale
I27.24	Chronic thromboembolic pulmonary hypertension
I27.82	Chronic pulmonary embolism
I48.0	Paroxysmal atrial fibrillation
I48.11	Longstanding persistent atrial fibrillation
I48.19	Other persistent atrial fibrillation
I48.21	Permanent atrial fibrillation
I67.6	Nonpyogenic thrombosis of intracranial venous system
I80.11	Phlebitis and thrombophlebitis of right femoral vein
I80.12	Phlebitis and thrombophlebitis of left femoral vein
I80.13	Phlebitis and thrombophlebitis of femoral vein, bilateral
I80.211	Phlebitis and thrombophlebitis of right iliac vein
I80.212	Phlebitis and thrombophlebitis of left iliac vein
I80.213	Phlebitis and thrombophlebitis of iliac vein, bilateral
I80.221	Phlebitis and thrombophlebitis of right popliteal vein
I80.222	Phlebitis and thrombophlebitis of left popliteal vein
I80.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral
I80.231	Phlebitis and thrombophlebitis of right tibial vein
I80.232	Phlebitis and thrombophlebitis of left tibial vein
I80.233	Phlebitis and thrombophlebitis of tibial vein, bilateral
I80.241	Phlebitis and thrombophlebitis of right peroneal vein
I80.242	Phlebitis and thrombophlebitis of left peroneal vein
I80.243	Phlebitis and thrombophlebitis of peroneal vein, bilateral
I80.251	Phlebitis and thrombophlebitis of right calf muscular vein

180.252	Phlebitis and thrombophlebitis of left calf muscular vein
180.253	Phlebitis and thrombophlebitis of calf muscular vein, bilateral
180.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity
180.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity
180.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral
182.0	Budd-Chiari syndrome
182.210	Acute embolism and thrombosis of superior vena cava
182.211	Chronic embolism and thrombosis of superior vena cava
182.220	Acute embolism and thrombosis of inferior vena cava
182.221	Chronic embolism and thrombosis of inferior vena cava
182.290	Acute embolism and thrombosis of other thoracic veins
182.291	Chronic embolism and thrombosis of other thoracic veins
182.3	Embolism and thrombosis of renal vein
182.411	Acute embolism and thrombosis of right femoral vein
182.412	Acute embolism and thrombosis of left femoral vein
182.413	Acute embolism and thrombosis of femoral vein, bilateral
182.421	Acute embolism and thrombosis of right iliac vein
182.422	Acute embolism and thrombosis of left iliac vein
182.423	Acute embolism and thrombosis of iliac vein, bilateral
182.431	Acute embolism and thrombosis of right popliteal vein
182.432	Acute embolism and thrombosis of left popliteal vein
182.433	Acute embolism and thrombosis of popliteal vein, bilateral
182.441	Acute embolism and thrombosis of right tibial vein
182.442	Acute embolism and thrombosis of left tibial vein
182.443	Acute embolism and thrombosis of tibial vein, bilateral
182.451	Acute embolism and thrombosis of right peroneal vein
182.452	Acute embolism and thrombosis of left peroneal vein
182.453	Acute embolism and thrombosis of peroneal vein, bilateral
182.461	Acute embolism and thrombosis of right calf muscular vein
182.462	Acute embolism and thrombosis of left calf muscular vein
182.463	Acute embolism and thrombosis of calf muscular vein, bilateral
182.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity
182.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity
182.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral
182.511	Chronic embolism and thrombosis of right femoral vein
182.512	Chronic embolism and thrombosis of left femoral vein
182.513	Chronic embolism and thrombosis of femoral vein, bilateral
182.521	Chronic embolism and thrombosis of right iliac vein
182.522	Chronic embolism and thrombosis of left iliac vein
182.523	Chronic embolism and thrombosis of iliac vein, bilateral
182.531	Chronic embolism and thrombosis of right popliteal vein
182.532	Chronic embolism and thrombosis of left popliteal vein
182.533	Chronic embolism and thrombosis of popliteal vein, bilateral
182.541	Chronic embolism and thrombosis of right tibial vein

I82.542	Chronic embolism and thrombosis of left tibial vein
I82.543	Chronic embolism and thrombosis of tibial vein, bilateral
I82.551	Chronic embolism and thrombosis of right peroneal vein
I82.552	Chronic embolism and thrombosis of left peroneal vein
I82.553	Chronic embolism and thrombosis of peroneal vein, bilateral
I82.561	Chronic embolism and thrombosis of right calf muscular vein
I82.562	Chronic embolism and thrombosis of left calf muscular vein
I82.563	Chronic embolism and thrombosis of calf muscular vein, bilateral
I82.591	Chronic embolism and thrombosis of other specified deep vein of right lower extremity
I82.592	Chronic embolism and thrombosis of other specified deep vein of left lower extremity
I82.593	Chronic embolism and thrombosis of other specified deep vein of lower extremity, bilateral
I82.621	Acute embolism and thrombosis of deep veins of right upper extremity
I82.622	Acute embolism and thrombosis of deep veins of left upper extremity
I82.623	Acute embolism and thrombosis of deep veins of upper extremity, bilateral
I82.721	Chronic embolism and thrombosis of deep veins of right upper extremity
I82.722	Chronic embolism and thrombosis of deep veins of left upper extremity
I82.723	Chronic embolism and thrombosis of deep veins of upper extremity, bilateral
I82.890	Acute embolism and thrombosis of other specified veins
I82.891	Chronic embolism and thrombosis of other specified veins
I82.A11	Acute embolism and thrombosis of right axillary vein
I82.A12	Acute embolism and thrombosis of left axillary vein
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral
I82.A21	Chronic embolism and thrombosis of right axillary vein
I82.A22	Chronic embolism and thrombosis of left axillary vein
I82.A23	Chronic embolism and thrombosis of axillary vein, bilateral
I82.B11	Acute embolism and thrombosis of right subclavian vein
I82.B12	Acute embolism and thrombosis of left subclavian vein
I82.B13	Acute embolism and thrombosis of subclavian vein, bilateral
I82.B21	Chronic embolism and thrombosis of right subclavian vein
I82.B22	Chronic embolism and thrombosis of left subclavian vein
I82.B23	Chronic embolism and thrombosis of subclavian vein, bilateral
I82.C11	Acute embolism and thrombosis of right internal jugular vein
I82.C12	Acute embolism and thrombosis of left internal jugular vein
I82.C13	Acute embolism and thrombosis of internal jugular vein, bilateral
I82.C21	Chronic embolism and thrombosis of right internal jugular vein
I82.C22	Chronic embolism and thrombosis of left internal jugular vein
I82.C23	Chronic embolism and thrombosis of internal jugular vein, bilateral
O87.3	Cerebral venous thrombosis in the puerperium
Z79.01	Long term (current) use of anticoagulants
Z86.718	Personal history of other venous thrombosis and embolism
Z95.2	Presence of prosthetic heart valve

Coverage policy can be found in Pub. 100-03, Medicare National Coverage Determinations Manual, Chapter 1, section 190.11 PT/INR. (http://www.cms.hhs.gov/manuals/103_cov_determ/ncd103index.asp)

60.5.2 – Applicable Diagnosis Codes for A/B MACs (B)

(Rev. 13015, Issued: 12-23-24; Effective: 10-01-24; Implementation: 03-20-25)

For services furnished on or after the implementation of ICD-10 the applicable ICD-10-CM diagnosis codes for this benefit are:

ICD-10-CM Code	Code Description
D68.51	Activated protein C resistance
D68.52	Prothrombin gene mutation
D68.59	Other primary thrombophilia
D68.61	Antiphospholipid syndrome
D68.62	Lupus anticoagulant syndrome
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
I26.01	Septic pulmonary embolism with acute cor pulmonale
<i>I26.03</i>	<i>Cement embolism of pulmonary artery with acute cor pulmonale effective October 1, 2024</i>
I26.09	Other pulmonary embolism with acute cor pulmonale
I26.90	Septic pulmonary embolism without acute cor pulmonale
I26.93	Single subsegmental <i>thrombotic</i> pulmonary embolism without acute cor pulmonale
I26.94	Multiple subsegmental <i>thrombotic</i> pulmonary emboli without acute cor pulmonale
<i>I26.95</i>	<i>Cement embolism of pulmonary artery without acute cor pulmonale effective October 1, 2024</i>
I26.99	Other pulmonary embolism without acute cor pulmonale
I27.24	Chronic thromboembolic pulmonary hypertension
I27.82	Chronic pulmonary embolism
I48.0	Paroxysmal atrial fibrillation
I48.11	Longstanding persistent atrial fibrillation
I48.19	Other persistent atrial fibrillation
I48.21	Permanent atrial fibrillation
I67.6	Nonpyogenic thrombosis of intracranial venous system
I80.11	Phlebitis and thrombophlebitis of right femoral vein
I80.12	Phlebitis and thrombophlebitis of left femoral vein
I80.13	Phlebitis and thrombophlebitis of femoral vein, bilateral
I80.211	Phlebitis and thrombophlebitis of right iliac vein
I80.212	Phlebitis and thrombophlebitis of left iliac vein
I80.213	Phlebitis and thrombophlebitis of iliac vein, bilateral
I80.221	Phlebitis and thrombophlebitis of right popliteal vein
I80.222	Phlebitis and thrombophlebitis of left popliteal vein
I80.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral
I80.231	Phlebitis and thrombophlebitis of right tibial vein
I80.232	Phlebitis and thrombophlebitis of left tibial vein
I80.233	Phlebitis and thrombophlebitis of tibial vein, bilateral
I80.241	Phlebitis and thrombophlebitis of right peroneal vein
I80.242	Phlebitis and thrombophlebitis of left peroneal vein

180.243	Phlebitis and thrombophlebitis of peroneal vein, bilateral
180.251	Phlebitis and thrombophlebitis of right calf muscular vein
180.252	Phlebitis and thrombophlebitis of left calf muscular vein
180.253	Phlebitis and thrombophlebitis of calf muscular vein, bilateral
180.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity
180.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity
180.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral
182.0	Budd-Chiari syndrome
182.210	Acute embolism and thrombosis of superior vena cava
182.211	Chronic embolism and thrombosis of superior vena cava
182.220	Acute embolism and thrombosis of inferior vena cava
182.221	Chronic embolism and thrombosis of inferior vena cava
182.290	Acute embolism and thrombosis of other thoracic veins
182.291	Chronic embolism and thrombosis of other thoracic veins
182.3	Embolism and thrombosis of renal vein
182.411	Acute embolism and thrombosis of right femoral vein
182.412	Acute embolism and thrombosis of left femoral vein
182.413	Acute embolism and thrombosis of femoral vein, bilateral
182.421	Acute embolism and thrombosis of right iliac vein
182.422	Acute embolism and thrombosis of left iliac vein
182.423	Acute embolism and thrombosis of iliac vein, bilateral
182.431	Acute embolism and thrombosis of right popliteal vein
182.432	Acute embolism and thrombosis of left popliteal vein
182.433	Acute embolism and thrombosis of popliteal vein, bilateral
182.441	Acute embolism and thrombosis of right tibial vein
182.442	Acute embolism and thrombosis of left tibial vein
182.443	Acute embolism and thrombosis of tibial vein, bilateral
182.451	Acute embolism and thrombosis of right peroneal vein
182.452	Acute embolism and thrombosis of left peroneal vein
182.453	Acute embolism and thrombosis of peroneal vein, bilateral
182.461	Acute embolism and thrombosis of right calf muscular vein
182.462	Acute embolism and thrombosis of left calf muscular vein
182.463	Acute embolism and thrombosis of calf muscular vein, bilateral
182.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity
182.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity
182.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral
182.511	Chronic embolism and thrombosis of right femoral vein
182.512	Chronic embolism and thrombosis of left femoral vein
182.513	Chronic embolism and thrombosis of femoral vein, bilateral
182.521	Chronic embolism and thrombosis of right iliac vein
182.522	Chronic embolism and thrombosis of left iliac vein
182.523	Chronic embolism and thrombosis of iliac vein, bilateral
182.531	Chronic embolism and thrombosis of right popliteal vein
182.532	Chronic embolism and thrombosis of left popliteal vein

I82.533	Chronic embolism and thrombosis of popliteal vein, bilateral
I82.541	Chronic embolism and thrombosis of right tibial vein
I82.542	Chronic embolism and thrombosis of left tibial vein
I82.543	Chronic embolism and thrombosis of tibial vein, bilateral
I82.551	Chronic embolism and thrombosis of right peroneal vein
I82.552	Chronic embolism and thrombosis of left peroneal vein
I82.553	Chronic embolism and thrombosis of peroneal vein, bilateral
I82.561	Chronic embolism and thrombosis of right calf muscular vein
I82.562	Chronic embolism and thrombosis of left calf muscular vein
I82.563	Chronic embolism and thrombosis of calf muscular vein, bilateral
I82.591	Chronic embolism and thrombosis of other specified deep vein of right lower extremity
I82.592	Chronic embolism and thrombosis of other specified deep vein of left lower extremity
I82.593	Chronic embolism and thrombosis of other specified deep vein of lower extremity, bilateral
I82.621	Acute embolism and thrombosis of deep veins of right upper extremity
I82.622	Acute embolism and thrombosis of deep veins of left upper extremity
I82.623	Acute embolism and thrombosis of deep veins of upper extremity, bilateral
I82.721	Chronic embolism and thrombosis of deep veins of right upper extremity
I82.722	Chronic embolism and thrombosis of deep veins of left upper extremity
I82.723	Chronic embolism and thrombosis of deep veins of upper extremity, bilateral
I82.890	Acute embolism and thrombosis of other specified veins
I82.891	Chronic embolism and thrombosis of other specified veins
I82.A11	Acute embolism and thrombosis of right axillary vein
I82.A12	Acute embolism and thrombosis of left axillary vein
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral
I82.A21	Chronic embolism and thrombosis of right axillary vein
I82.A22	Chronic embolism and thrombosis of left axillary vein
I82.A23	Chronic embolism and thrombosis of axillary vein, bilateral
I82.B11	Acute embolism and thrombosis of right subclavian vein
I82.B12	Acute embolism and thrombosis of left subclavian vein
I82.B13	Acute embolism and thrombosis of subclavian vein, bilateral
I82.B21	Chronic embolism and thrombosis of right subclavian vein
I82.B22	Chronic embolism and thrombosis of left subclavian vein
I82.B23	Chronic embolism and thrombosis of subclavian vein, bilateral
I82.C11	Acute embolism and thrombosis of right internal jugular vein
I82.C12	Acute embolism and thrombosis of left internal jugular vein
I82.C13	Acute embolism and thrombosis of internal jugular vein, bilateral
I82.C21	Chronic embolism and thrombosis of right internal jugular vein
I82.C22	Chronic embolism and thrombosis of left internal jugular vein
I82.C23	Chronic embolism and thrombosis of internal jugular vein, bilateral
O87.3	Cerebral venous thrombosis in the puerperium
Z79.01	Long term (current) use of anticoagulants
Z86.718	Personal history of other venous thrombosis and embolism
Z95.2	Presence of prosthetic heart valve

Coverage policy can be found in Pub. 100-03, Medicare National Coverage Determinations Manual, Chapter 1, section 190.11 PT/INR. (http://www.cms.hhs.gov/manuals/103_cov_determ/ncd103index.asp)

320.2 – Coding Requirements for Artificial Hearts Furnished on or After May 1, 2008
(Rev. 13015, Issued: 12-23-24; Effective: 10-01-24; Implementation: 03-20-25)

Effective for discharges on or after May 1, 2008, the use of artificial hearts will be covered by Medicare under Coverage with Evidence Development (CED) when beneficiaries are enrolled in a clinical study that meets all the criteria listed in IOM Pub. 100-03, Medicare NCD Manual, section 20.9.

Claims Coding

For claims with dates of service on or after May 1, 2008, artificial hearts in the context of an approved clinical study for a Category A IDE, refer to section 69 in this manual for more detail on CED billing. Appropriate ICD-10 diagnosis and procedure codes are included below:

ICD-10 Diagnosis Code	Definition	Discharges Effective
I09.81	Rheumatic heart failure	On or After ICD-10 Implementation
I11.0	Hypertensive heart disease with heart failure	
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	
I20.0	Unstable angina	
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	

I24.1	Dressler's syndrome
I24.8	Other forms of acute ischemic heart disease
I24.9	Acute ischemic heart disease, unspecified
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
I25.5	Ischemic cardiomyopathy
I25.6	Silent myocardial ischemia
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris

I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
I25.89	Other forms of chronic ischemic heart disease
I25.9	Chronic ischemic heart disease, unspecified
I34.0	Nonrheumatic mitral (valve) insufficiency
I34.1	Nonrheumatic mitral (valve) prolapse
I34.2	Nonrheumatic mitral (valve) stenosis
I34.8	Other nonrheumatic mitral valve disorders
I34.9	Nonrheumatic mitral valve disorder, unspecified
I35.0	Nonrheumatic aortic (valve) stenosis
I35.1	Nonrheumatic aortic (valve) insufficiency
I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
I35.8	Other nonrheumatic aortic valve disorders
I35.9	Nonrheumatic aortic valve disorder, unspecified
I36.0	Nonrheumatic tricuspid (valve) stenosis
I36.1	Nonrheumatic tricuspid (valve) insufficiency
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
I36.8	Other nonrheumatic tricuspid valve disorders
I36.9	Nonrheumatic tricuspid valve disorder, unspecified
I37.0	Nonrheumatic pulmonary valve stenosis
I37.1	Nonrheumatic pulmonary valve insufficiency
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
I37.8	Other nonrheumatic pulmonary valve disorders
I37.9	Nonrheumatic pulmonary valve disorder, unspecified
I38	Endocarditis, valve unspecified
I39	Endocarditis and heart valve disorders in diseases classified elsewhere
I42.0	Dilated cardiomyopathy
I42.2	Other hypertrophic cardiomyopathy
I42.3	Endomyocardial (eosinophilic) disease
I42.4	Endocardial fibroelastosis

I42.5	Other restrictive cardiomyopathy
I42.6	Alcoholic cardiomyopathy
I42.7	Cardiomyopathy due to drug and external agent
I42.8	Other cardiomyopathies
I42.9	Cardiomyopathy, unspecified
I43	Cardiomyopathy in diseases classified elsewhere
I46.2	Cardiac arrest due to underlying cardiac condition
I46.8	Cardiac arrest due to other underlying condition
I46.9	Cardiac arrest, cause unspecified
I47.0	Re-entry ventricular arrhythmia
I47.1	Supraventricular tachycardia
I47.2	Ventricular tachycardia
I47.9	Paroxysmal tachycardia, unspecified
I48.0	Atrial fibrillation
I48.1	Atrial flutter
I49.01	Ventricular fibrillation
I49.02	Ventricular flutter
I49.1	Atrial premature depolarization
I49.2	Junctional premature depolarization
I49.3	Ventricular premature depolarization
I49.40	Unspecified premature depolarization
I49.49	Other premature depolarization
I49.5	Sick sinus syndrome
I49.8	Other specified cardiac arrhythmias
I49.9	Cardiac arrhythmia, unspecified
I50.1	Left ventricular failure
I50.20	Unspecified systolic (congestive) heart failure
I50.21	Acute systolic (congestive) heart failure
I50.22	Chronic systolic (congestive) heart failure
I50.23	Acute on chronic systolic (congestive) heart failure
I50.30	Unspecified diastolic (congestive) heart failure
I50.31	Acute diastolic (congestive) heart failure
I50.32	Chronic diastolic (congestive) heart failure
I50.33	Acute on chronic diastolic (congestive) heart failure
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.9	Heart failure, unspecified
I51.4	Myocarditis, unspecified
I51.9	Heart disease, unspecified
I52	Other heart disorders in diseases classified elsewhere
I97.0	Post cardiotomy syndrome
I97.110	Postprocedural cardiac insufficiency following cardiac surgery
I97.111	Postprocedural cardiac insufficiency following other surgery
I97.120	Postprocedural cardiac arrest following cardiac surgery
I97.121	Postprocedural cardiac arrest following other surgery
I97.130	Postprocedural heart failure following cardiac surgery

I97.131	Postprocedural heart failure following other surgery
I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
I97.191	Other postprocedural cardiac functional disturbances following other surgery
I97.710	Intraoperative cardiac arrest during cardiac surgery
I97.711	Intraoperative cardiac arrest during other surgery
I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery
I97.791	Other intraoperative cardiac functional disturbances during other surgery
I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified
I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
M32.11	Endocarditis in systemic lupus erythematosus
O90.89	Other complications of the puerperium, not elsewhere classified
Q20.0	Common arterial trunk
Q20.1	Double outlet right ventricle
Q20.2	Double outlet left ventricle
Q20.3	Discordant ventriculoarterial connection
Q20.4	Double inlet ventricle
Q20.5	Discordant atrioventricular connection
Q20.6	Isomerism of atrial appendages
Q20.8	Other congenital malformations of cardiac chambers and connections
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
Q21.0	Ventricular septal defect
Q21.1	Atrial septal defect
Q21.2	Atrioventricular septal defect
Q21.3	Tetralogy of Fallot
Q21.4	Aortopulmonary septal defect
Q21.8	Other congenital malformations of cardiac septa
Q21.9	Congenital malformation of cardiac septum, unspecified
Q22.0	Pulmonary valve atresia
Q22.1	Congenital pulmonary valve stenosis
Q22.2	Congenital pulmonary valve insufficiency
Q22.3	Other congenital malformations of pulmonary valve
Q22.4	Congenital tricuspid stenosis
Q22.5	Ebstein's anomaly
Q22.6	Hypoplastic right heart syndrome
Q22.8	Other congenital malformations of tricuspid valve
Q22.9	Congenital malformation of tricuspid valve, unspecified
Q23.0	Congenital stenosis of aortic valve
Q23.1	Congenital insufficiency of aortic valve
Q23.2	Congenital mitral stenosis
Q23.3	Congenital mitral insufficiency
Q23.4	Hypoplastic left heart syndrome
<i>Q23.8</i>	<i>Other congenital malformations of the aortic and mitral valves end date September 30, 2024</i>
<i>Q23.81</i>	<i>Bicuspid aortic valve effective October 1, 2024</i>

Q23.82	<i>Congenital mitral valve cleft leaflet effective October 1, 2024</i>	
Q23.88	<i>Other congenital malformations of aortic and mitral valves effective October 1, 2024</i>	
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	
Q24.0	Dextrocardia	
Q24.1	Levocardia	
Q24.2	Cor triatriatum	
Q24.3	Pulmonary infundibular stenosis	
Q24.4	Congenital subaortic stenosis	
Q24.5	Malformation of coronary vessels	
Q24.6	Congenital heart block	
Q24.8	Other specified congenital malformations of heart	
Q24.9	Congenital malformation of heart, unspecified	
R00.1	Bradycardia, unspecified	
R57.0	Cardiogenic shock	
T82.221A	Breakdown (mechanical) of biological heart valve graft, initial encounter	
T82.222A	Displacement of biological heart valve graft, initial encounter	
T82.223A	Leakage of biological heart valve graft, initial encounter	
T82.228A	Other mechanical complication of biological heart valve graft, initial encounter	
T82.512A	Breakdown (mechanical) of artificial heart, initial encounter	
T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter	
T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter	
T82.519A	Breakdown (mechanical) of unspecified cardiac and vascular devices and implants, initial encounter	
T82.522A	Displacement of artificial heart, initial encounter	
T82.524A	Displacement of infusion catheter, initial encounter	
T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter	
T82.529A	Displacement of unspecified cardiac and vascular devices and implants, initial encounter	
T82.532A	Leakage of artificial heart, initial encounter	
T82.534A	Leakage of infusion catheter, initial encounter	
T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter	
T82.539A	Leakage of unspecified cardiac and vascular devices and implants, initial encounter	
T82.592A	Other mechanical complication of artificial heart, initial encounter	
T82.594A	Other mechanical complication of infusion catheter, initial encounter	
T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter	
T82.599A	Other mechanical complication of unspecified cardiac and vascular devices and implants, initial encounter	
T86.20	Unspecified complication of heart transplant	
T86.21	Heart transplant rejection	
T86.22	Heart transplant failure	

T86.23	Heart transplant infection
T86.290	Cardiac allograft vasculopathy
T86.298	Other complications of heart transplant
T86.30	Unspecified complication of heart-lung transplant
T86.31	Heart-lung transplant rejection
T86.32	Heart-lung transplant failure
T86.33	Heart-lung transplant infection
T86.39	Other complications of heart-lung transplant
Z48.21	Encounter for aftercare following heart transplant
Z48.280	Encounter for aftercare following heart-lung transplant
Z94.1	Heart transplant status
Z94.3	Heart and lungs transplant status
Z95.9	Presence of cardiac and vascular implant and graft, unspecified
Q24.0	Dextrocardia
Q24.1	Levocardia
Q24.2	Cor triatriatum
Q24.3	Pulmonary infundibular stenosis
Q24.4	Congenital subaortic stenosis
Q24.5	Malformation of coronary vessels
Q24.6	Congenital heart block
Q24.8	Other specified congenital malformations of heart
Q24.9	Congenital malformation of heart, unspecified
R00.1	Bradycardia, unspecified
R57.0	Cardiogenic shock
T82.221A	Breakdown (mechanical) of biological heart valve graft, initial encounter
T82.222A	Displacement of biological heart valve graft, initial encounter
T82.223A	Leakage of biological heart valve graft, initial encounter
T82.228A	Other mechanical complication of biological heart valve graft, initial encounter
T82.512A	Breakdown (mechanical) of artificial heart, initial encounter
T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter
T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter
T82.519A	Breakdown (mechanical) of unspecified cardiac and vascular devices and implants, initial encounter
T82.522A	Displacement of artificial heart, initial encounter
T82.524A	Displacement of infusion catheter, initial encounter
T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter
T82.529A	Displacement of unspecified cardiac and vascular devices and implants, initial encounter
T82.532A	Leakage of artificial heart, initial encounter
T82.534A	Leakage of infusion catheter, initial encounter
T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter
T82.539A	Leakage of unspecified cardiac and vascular devices and implants, initial encounter
T82.592A	Other mechanical complication of artificial heart, initial encounter

T82.594A	Other mechanical complication of infusion catheter, initial encounter	
T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter	
T82.599A	Other mechanical complication of unspecified cardiac and vascular devices and implants, initial encounter	
T86.20	Unspecified complication of heart transplant	
T86.21	Heart transplant rejection	
T86.22	Heart transplant failure	
T86.23	Heart transplant infection	
T86.290	Cardiac allograft vasculopathy	
T86.298	Other complications of heart transplant	
T86.30	Unspecified complication of heart-lung transplant	
T86.31	Heart-lung transplant rejection	
T86.32	Heart-lung transplant failure	
T86.33	Heart-lung transplant infection	
T86.39	Other complications of heart-lung transplant	
Z48.21	Encounter for aftercare following heart transplant	
Z48.280	Encounter for aftercare following heart-lung transplant	
Z94.1	Heart transplant status	
Z94.3	Heart and lungs transplant status	
Z95.9	Presence of cardiac and vascular implant and graft, unspecified	

ICD-10 Procedure Code	Definition	Discharges Effective
02RK0JZ	Replacement of Right Ventricle with Synthetic Substitute, Open Approach	On or After ICD-10 Implementation
02RL0JZ	Replacement of Left Ventricle with Synthetic Substitute, Open Approach	
02WA0JZ	Revision of Synthetic Substitute in Heart, Open Approach	

NOTE: Total artificial heart is reported with a “cluster” of 2 codes for open replacement with synthetic substitute of the right and left ventricles- 02RK0JZ + 02RL0JZ

412.1 - Coding Information

(Rev. 13015, Issued: 12-23-24; Effective: 07-02-24; Implementation: 03-20-25)

- ICD-10 diagnosis code Z00.6, along with one of the following additional diagnosis codes: G30.0, G30.1, G30.8, G30.9, G31.84, the Q0 or Q1 modifier, and condition code 30 (for institutional claims only).
- Procedure code HCPCS J0174, Injection, lecanemab-irmb, 1 mg, (Leqembi®), *or HCPCS code J0175 Injection, donanemab-azbt, 2 mg (KISUNLA™) effective 7/2/2024 OR,*
- Procedure code HCPCS J3490 or J3590 or C9399 (for an FDA-approved therapy that is covered under NCD 200.3 that hasn't received a dedicated HCPCS code), OR,
- Dedicated HCPCS code for any future FDA-approved therapies covered under NCD 200.3 (a subsequent instruction would follow),
- National Clinical Trial (NCT) number consisting of 8 digits, OR,
- Default NCT number 99999999.