

Summit Health Cardiology Code List

| Category | CPT® Code | CPT® Code Description | Notes |
|----------|--------------|--|-------|
| CID | 33206 | Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial | |
| CID | 33207 | Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular | |
| CID | 33208 | Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular | |
| CID | 33212 | Insertion of pacemaker pulse generator only; with existing single lead | |
| CID | 33213 | Insertion of pacemaker pulse generator only; with existing dual leads | |
| CID | 33214 | Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new generator) | |
| CID | 33221 | Insertion of pacemaker pulse generator only; with existing multiple leads | |
| CID | 33224 | Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or pacing cardioverter-defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator) | |
| CID | 33225 | Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of pacing cardioverter-defibrillator or pacemaker pulse generator (including upgrade to dual chamber system and pocket revision) (list separately in addition to code for primary procedure) | |
| CID | 33227 | Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system | |
| CID | 33228 | Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system | |
| CID | 33229 | Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system | |
| CID | 33230 | Insertion of pacing cardioverter-defibrillator pulse generator only; with existing dual leads | |
| CID | 33231 | Insertion of pacing cardioverter-defibrillator pulse generator only; with existing multiple leads | |
| CID | 33240 | Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead | |
| CID | 33249 | Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber | |
| CID | 33262 | Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; single lead system | |

| Category | CPT® Code | CPT® Code Description | Notes |
|----------|--------------|---|-------|
| CID | 33263 | Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; dual lead system | |
| CID | 33264 | Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; multiple lead system | |
| CID | 33274 | Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed | |
| CID | 33275 | Transcatheter removal of permanent leadless pacemaker, right ventricular | |
| CID | 33289 | Transcatheter implantation of wireless pulmonary artery pressure sensor for long-term hemodynamic monitoring, including deployment and calibration of the sensor, right heart catheterization, selective pulmonary catheterization, radiological supervision and interpretation, and pulmonary artery angiography, when performed | |
| CMRI | 75557 | Cardiac magnetic resonance imaging for morphology and function without contrast material | |
| CMRI | 75559 | Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging | |
| CMRI | 75561 | Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences | |
| CMRI | 75563 | Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging | |
| CMRI | 75565 | Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure) | |
| CCTA | 75571 | Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium | |
| CCTA | 75572 | Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3d image postprocessing, assessment of cardiac function, and evaluation of venous structures, if performed) | |
| CCTA | 75573 | Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular structures, if performed) | |
| CCTA | 75574 | Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3d image postprocessing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation of venous structures, if performed) | |
| CCTA | 75577 | Quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, derived from augmentative software analysis of the data set from a coronary computed tomographic angiography, with interpretation and report by a physician or other qualified health care professional | |
| NUC CARD | 78451 | 78451 myocardial perfusion imaging, tomographic (spect) including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic) | |
| NUC CARD | 78452 | Myocardial perfusion imaging, tomographic (spect) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection | |
| NUC CARD | 78453 | Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic) | |
| NUC CARD | 78454 | Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection | |

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| CPET | 78459 | Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study | |
| CPET | 78491 | Myocardial imaging, positron emission tomography (PET), perfusion study(including ventricular wall motion[s] and/or ejection fraction[s], when performed); single study, at rest or stress (exercise or pharmacologic) | |
| CPET | 78492 | Myocardial imaging, positron emission tomography (PET), perfusion study(including ventricular wall motion[s] and/or ejection fraction[s], when performed); multiple studies at rest and/or stress (exercise or pharmacologic) | |
| ECHO | 93303 | Transthoracic echocardiography for congenital cardiac anomalies; complete | |
| ECHO | 93304 | Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study | |
| ECHO | 93306 | Echocardiography, transthoracic, real-time with image documentation (2d), includes m-mode recording, when performed, complete, with spectral doppler echocardiography, and with color flow doppler echocardiography | |
| ECHO | 93307 | Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; complete | |
| ECHO | 93308 | Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; follow-up or limited study | |
| ECHO | 93312 | TEE 2D;Incl Probe Placement, Imaging/Interp/Report | |
| ECHO | 93313 | Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); placement of transesophageal probe only | |
| ECHO | 93314 | Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); image acquisition, interpretation and report only | |
| ECHO | 93315 | Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report | |
| ECHO | 93316 | Transesophageal echocardiography for congenital cardiac anomalies; placement of transesophageal probe only | |
| ECHO | 93317 | Transesophageal echocardiography for congenital cardiac anomalies; image acquisition, interpretation and report only | |
| DHC | 93319 | 3D echocardiographic imaging and postprocessing during transesophageal echocardiography, or during transthoracic echocardiography for congenital cardiac anomalies, for the assessment of cardiac structure(s) (eg, cardiac chambers and valves, left atrial appendage, interatrial septum, interventricular septum) and function, when performed (List separately in addition to code for echocardiographic imaging | |
| ECHO | 93320 | Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; complete | |
| ECHO | 93321 | Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; follow-up or limited study | |
| ECHO | 93325 | Doppler echocardiography color flow velocity mapping | |
| XSE | 93350 | Echocardiography, transthoracic, real-time with image documentation (2d), with or without m-mode recording, during rest and cardiovascular stress test, with interpretation and report | |
| XSE | 93351 | Echocardiography, transthoracic, real-time with image documentation (2d), includes m-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation | |
| ECHO | 93356 | Myocardial strain imaging using speckle tracking-derived assessment of myocardial mechanics (List separately in addition to codes for echocardiography imaging) | |
| DHC | 93451 | Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed | |
| DHC | 93452 | Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed | |
| DHC | 93453 | Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed | |

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| DHC | 93454 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation | |
| DHC | 93455 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography | |
| DHC | 93456 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization | |
| DHC | 93457 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization | |
| DHC | 93458 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed | |
| DHC | 93459 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography | |
| DHC | 93460 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed | |
| DHC | 93461 | Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography | |
| DHC | 93593 | Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections | |
| DHC | 93594 | Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections | |
| DHC | 93595 | Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections | |
| DHC | 93596 | Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections | |
| DHC | 93597 | Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); connections abnormal native connections | |
| CID | 0515T | Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; complete system (includes electrode and generator [transmitter and battery]) | |
| CID | 0516T | Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only | |
| CID | 0517T | Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; both components of pulse generator (battery and transmitter) only | |
| CID | 0519T | Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; both components (battery and transmitter) | |

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| CID | 0520T | Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only | |
| CRID | 0571T | Insertion or replacement of implantable cardioverter-defibrillator system with substernal electrode(s), including all imaging guidance and electrophysiological evaluation (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters), when performed | Investigational |
| CRID | 0572T | Insertion of substernal implantable defibrillator electrode | Investigational |
| CRID | 0614T | Removal and replacement of substernal implantable defibrillator pulse generator | |
| NUC CARD | 0742T | Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure) | |
| CID | 0795T | Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; complete system (ie, right atrial and right ventricular pacemaker components) | |
| CID | 0796T | Transcatheter insertion of right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system) | |
| CID | 0797T | Transcatheter insertion of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system) | |
| CID | 0798T | Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; complete system (ie, right atrial and right ventricular pacemaker components) | |
| CID | 0799T | Transcatheter removal of right atrial pacemaker component | |
| CID | 0800T | Transcatheter removal of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system) | |
| CID | 0801T | Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; dual-chamber system (ie, right atrial and right ventricular pacemaker components) | |
| CID | 0802T | Transcatheter removal and replacement of right atrial pacemaker component | |
| CID | 0803T | Transcatheter removal and replacement of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system) | |
| CID | 0823T | Transcatheter insertion of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed | |
| CID | 0825T | Transcatheter removal and replacement of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed | |
| CID | 0861T | Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; both components (battery and transmitter) | |
| CID | 0862T | Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only | |

| Category | CPT® Code | CPT® Code Description | Notes |
|----------|--------------|---|-----------------|
| CID | 0863T | Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; transmitter component only | |
| CID | 0915T | Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator and dual transvenous electrodes/leads (pacing and defibrillation) | Investigational |
| CID | 0916T | Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator only | Investigational |
| CID | 0923T | Removal and replacement of permanent cardiac contractility modulation-defibrillation pulse generator only | Investigational |
| CID | 0933T | Transcatheter implantation of wireless left atrial pressure sensor for long-term left atrial pressure monitoring, including sensor calibration and deployment, right heart catheterization, transseptal puncture, imaging guidance, and radiological supervision and interpretation | Investigational |
| ECHO | C8921 | Transthoracic echocardiography w/contrast for congenital cardiac anomalies; complete | |
| ECHO | C8922 | Transthoracic echocardiography w/contrast for congenital cardiac anomalies; f/u or limited study | |
| ECHO | C8923 | Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; complete | |
| ECHO | C8924 | Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; f/u or limited study | |
| ECHO | C8928 | Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording, during rest and cardiovascular stress test, w/interpretation and report | |
| ECHO | C8929 | Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, complete, with spectral doppler echocardiography, and with color flow doppler echocardiography | |
| ECHO | C8930 | Transthoracic echocardiography, with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report; including performance of continuous electrocardiographic monitoring, with physician supervision | |
| MRI | C9762 | Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with strain imaging | Investigational |
| MRI | C9763 | Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with stress imaging | Investigational |

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