

## Zing Health

### Prior Authorization Procedure List: Cardiology

Product	Category	CPT <sup>®</sup> Code	CPT <sup>®</sup> Code Description
Cardiac Implantables	CID	33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial
Cardiac Implantables	CID	33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular
Cardiac Implantables	CID	33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular
Cardiac Implantables	CID	33212	Insertion of pacemaker pulse generator only; with existing single lead
Cardiac Implantables	CID	33213	Insertion of pacemaker pulse generator only; with existing dual leads
Cardiac Implantables	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)
Cardiac Implantables	CID	33221	Insertion of pacemaker pulse generator only; with existing multiple leads
Cardiac Implantables	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)
Cardiac Implantables	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)
Cardiac Implantables	CID	33227	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system
Cardiac Implantables	CID	33228	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system
Cardiac Implantables	CID	33229	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system
Cardiac Implantables	CID	33230	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing dual leads
Cardiac Implantables	CID	33231	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing multiple leads
Cardiac Implantables	CID	33240	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead
Cardiac Implantables	CID	33249	Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber
Cardiac Implantables	CID	33262	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; single lead system

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Cardiac Implantables	CID	33263	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; dual lead system
Cardiac Implantables	CID	33264	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; multiple lead system
Cardiac Implantables	CID	33270	Insertion or replacement of permanent subcutaneous implantable defibrillator system, with subcutaneous electrode, including defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters, when performed
Cardiac Implantables	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
Cardiac Implantables	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
Cardiac Implantables	CID	64654	Initial open implantation of baroreflex activation therapy (BAT) modulation system, including lead placement onto the carotid sinus, lead tunnelling, connection to a pulse generator placed in a distant subcutaneous pocket (ie, total system), and intraoperative interrogation and programming
Radiology/Cardiac CT	CTA	73206	C T Angiography Upper Extremity
Radiology/Cardiac CT	CTA	73706	C T Angiography Lower Extremity
Cardiac MR	CMRI	75557	Cardiac magnetic resonance imaging for morphology and function without contrast material
Cardiac MR	CMRI	75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
Cardiac MR	CMRI	75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences
Cardiac MR	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
Cardiac MR	CMRI	75565	Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure)
Cardiac CT	CCTA	75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium
Cardiac CT	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)
Cardiac CT	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 lv cardiac function, rv structure and function and evaluation of venous structures, if performed)
Cardiac CT	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)

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Cardiology	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
Cardiac CT	CCTA	75580	Noninvasive estimate of coronary fractional flow reserve (FFR) derived from augmentative software analysis of the data set from a coronary computed tomography angiography, with interpretation and report by a physician or other qualified health care professional
Radiology/Cardiac CT	CTA	75635	C T Angiography Abdominal Aorta
Myocardial Perfusion Imaging	NUC CARD	78414	Non-Imaging Heart Function
Myocardial Perfusion Imaging	NUC CARD	78428	Cardiac Shunt Imaging
Myocardial Perfusion Imaging	CPET	78429	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study; with concurrently acquired computed tomography transmission scan
Myocardial Perfusion Imaging	CPET	78430	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), with concurrently acquired computed tomography transmission scan
Myocardial Perfusion Imaging	CPET	78431	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 stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan
Myocardial Perfusion Imaging	CPET	78432	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability);
Myocardial Perfusion Imaging	CPET	78433	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan
Myocardial Perfusion Imaging	CPET	78434	Absolute quantitation of myocardial blood flow (AQMBF), positron emission tomography (PET), rest and pharmacologic stress (List separately in addition to code for primary procedure)
Myocardial Perfusion Imaging	NUC CARD	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)
Myocardial Perfusion Imaging	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
Myocardial Perfusion Imaging	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)

Product	Category	CPT Code	CPT Code Description
Myocardial Perfusion Imaging	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
Myocardial Perfusion Imaging	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;
Myocardial Perfusion Imaging	NUC CARD	78466	Myocardial Infarction Scan
Myocardial Perfusion Imaging	NUC CARD	78468	Heart Infarct Image Ejection Fraction
Myocardial Perfusion Imaging	NUC CARD	78469	Heart Infarct Image 3D SPECT
Myocardial Perfusion Imaging	NUC CARD	78472	Cardiac Bloodpool Img, Single
Myocardial Perfusion Imaging	NUC CARD	78473	Cardiac Bloodpool Img, Multi
Myocardial Perfusion Imaging	NUC CARD	78481	Heart First Pass Single
Myocardial Perfusion Imaging	NUC CARD	78483	Cardiac Blood Pool Imaging -- Multiple
Myocardial Perfusion Imaging	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)
Myocardial Perfusion Imaging	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 stress (exercise or pharmacologic)
Myocardial Perfusion Imaging	NUC CARD	78494	Cardiac Blood Pool Imaging , SPECT
Myocardial Perfusion Imaging	NUC CARD	78496	Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (List separately in addition to code for primary procedure)
Myocardial Perfusion Imaging	NUC CARD	78803	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) , single area (eg, head, neck, chest, pelvis), single day imaging
Radiology Nuclear Medicine/Myocardial Perfusion Imaging	NUC MED	78830	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, single area (eg, head, neck, chest, pelvis), single day imaging
Echo Stress Testing	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
Echo Stress Testing	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

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Echo Stress Testing	XSE	93352	Use of echocardiographic contrast agent during stress echocardiography (list separately in addition to code for primary procedure)
Cardiology DHC	DHC	93451	Right Heart Catheterization Including Measurement(S) Of Oxygen Saturation And Cardiac Output, When Performed
Cardiology DHC	DHC	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
Cardiology DHC	DHC	93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
Cardiology DHC	DHC	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	DHC	93462	Left heart catheterization by transseptal puncture through intact septum or by transapical puncture (list separately in addition to code for primary procedure)
Cardiology DHC	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
Cardiology DHC	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

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Cardiology DHC	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
Cardiology DHC	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
Cardiology DHC	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); abnormal native connections
Cardiac Implantables	CID	0266T	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)
Myocardial Perfusion Imaging	NUC CARD	0331T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment;
Myocardial Perfusion Imaging	NUC CARD	0332T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment; with tomographic SPECT
Cardiac Implantables	CID	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
Cardiac Implantables	CID	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
Cardiac Implantables	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])
Cardiac Implantables	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
Cardiac Implantables	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
Cardiac Implantables	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)
Cardiac Implantables	CID	0520T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only
Cardiac Implantables	CID	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
Cardiac Implantables	CID	0614T	Removal and replacement of substernal implantable defibrillator pulse generator
Radiology/Cardiac CT	CTA	0710T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report

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Radiology/Cardiac CT	CTA	0711T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission
Radiology/Cardiac CT	CTA	0712T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability
Radiology/Cardiac CT	CTA	0713T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report
Radiology Nuclear Medicine/Myocardial Perfusion Imaging	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)
Cardiac Implantables	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)
Cardiac Implantables	CID	0796T	right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system)
Cardiac Implantables	CID	0797T	right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system) Ⓜ(Do not report 0795T, 0796T, 0797T in conjunction with 93451, 93453, 93456, 93457, 93460, 93461, 93593, 93594, 93596, 93597, 93598, unless complete right heart catheterization is performed for indications distinct from the leadless pacemaker procedure)Ⓜ
Cardiac Implantables	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)
Cardiac Implantables	CID	0802T	right atrial pacemaker component
Cardiac Implantables	CID	0803T	Transcatheter removal and replacement of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
Cardiac Implantables	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
Cardiac Implantables	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
Cardiac MR	CMRI	0899T	Noninvasive determination of absolute quantitation of myocardial blood flow (AQMBF), derived from augmentative algorithmic analysis of the dataset acquired via contrast cardiac magnetic resonance (CMR), pharmacologic stress, with interpretation and report by a physician or other qualified health care professional (List separately in addition to code for primary procedure)

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Cardiac MR	CMRI	0900T	Noninvasive estimate of absolute quantitation of myocardial blood flow (AQMBF), derived from assistive algorithmic analysis of the dataset acquired via contrast cardiac magnetic resonance (CMR), pharmacologic stress, with interpretation and report by a physician or other qualified health care professional (List separately in addition to code for primary procedure)

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