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ICE Add-On Coding Reference Guide

This guide provides coding and reimbursement information as it relates to the 2026 ICE (Intracardiac echocardiography) add-on coding update and its impacts on Electrophysiology, Heart Failure, Cardiac Rhythm Management, and Structural Heart procedure codes. Abbott offers reimbursement support via email at AbbottEconomics@abbott.com. Customer reimbursement assistance is provided subject to the disclaimers set forth in this guide.

Intracardiac echocardiography (ICE) (CPT[‡] code +93662) during therapeutic/diagnostic intervention, including imaging supervision and interpretation (List separately in addition to code for primary procedure).

Summary of ICE CPT[‡] add-on codes by therapy¹

The following add-on codes can be performed when medically appropriate with the following primary service/procedure code for separate payment. Add-on codes are not subject to the Physician Multiple Payment Reduction Rule. Add-on codes (+) may not be reported as a stand-alone and must be billed when performed in conjunction with the primary service or procedure.

Coding for EP procedures

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Ablations	+93662	93620 Comprehensive EP study with induction or attempted induction of arrhythmia	11.04
		93653 EP and Catheter ablation, SVT	14.63
		93654 EP and Catheter ablation, VT	17.65

Coding for Structural Heart procedures

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
LAAC*	+93662	33340 Percutaneous transcatheter closure of the left atrial appendage with endocardial implant	9.99
TAVR*	+93662	33361 TAVR with prosthetic valve; percutaneous femoral artery approach	21.91
		33362 TAVR with prosthetic valve; open femoral artery approach	23.93
		33363 TAVR with prosthetic valve; open axillary artery approach	24.83
		33364 TAVR with prosthetic valve; open iliac artery approach	25.32
		33365 TAVR with prosthetic valve; transaortic approach	25.93
		33366 TAVR with prosthetic valve; transapical approach	28.62

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
TEER*	+93662	33418 Transcatheter mitral valve repair, initial clip	31.44
ASD/PFO*		93580 Percutaneous transcatheter closure of atrial septal defect or patent foramen ovale with implant	17.52
VSD*		93581 Percutaneous transcatheter closure of ventricular septal defect with implant	23.78
PDA*		93582 Percutaneous transcatheter closure of patent ductus arteriosus	12.00
Mitral valve	+93662	0345T Transcatheter mitral valve repair percutaneous approach via the coronary sinus	Varies by case
		0483T Transcatheter mitral valve implantation/replacement, percutaneous approach	
		0484T Transcatheter mitral valve implantation/replacement, transthoracic exposure	
		0543T Transapical mitral valve repair, including transthoracic echocardiography	
		0544T Transcatheter mitral valve annulus reconstruction	
Additional transcatheter intervention	+93662	0545T Transcatheter tricuspid valve annulus reconstruction, percutaneous approach	Varies by case

Coding for Heart Failure Management and Coronary Imaging

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Heart Cath	+93662	93451 Right heart catheterization including measurement(s) of oxygen saturation and cardiac output	2.41
		93452 Left heart catheterization including intraprocedural injection(s) for left ventriculography	4.39
		93453 Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography	5.84
		93454 Catheter placement in coronary artery(s) for coronary angiography	4.43
		93455 Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for bypass graft angiography	5.16
		93456 Catheter placement in coronary artery(s) for coronary angiography, with right heart catheterization	5.75
		93457 Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	6.47
		93458 Catheter placement in coronary artery(s) for coronary angiography, with left heart catheterization including intraprocedural injection(s) for left ventriculography	5.46
		93459 Catheter placement in coronary artery(s) for coronary angiography, free arterial, venous grafts) with bypass graft angiography	6.19

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Heart Cath continued	+93662	93460 Catheter placement in coronary artery(s) for coronary angiography, right and left heart catheterization including intraprocedural injection(s) for left ventriculography	6.92
		93461 Catheter placement in coronary artery(s) for coronary angiography, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	7.65
		93505 Endomyocardial biopsy	4.02
		93590 Repair leak around heart valve, mitral valve	21.16
		93591 Repair leak around heart valve, aortic valve	17.52
		93593-26 Right heart catheterization for congenital heart defect(s), normal native connections	3.89
		93594-26 Right heart catheterization for congenital heart defect(s), abnormal native connections	5.95
		93595-26 Left heart catheterization for congenital heart defect(s), normal or abnormal native connections	5.36
		93596-26 Right and left heart catheterization for congenital heart defect(s), normal native connections	6.67
		93597-26 Right and left heart catheterization for congenital heart defect(s), abnormal native connections	8.66

Coding for Cardiac Rhythm Management procedures

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Single Chamber Leadless Pacemakers	+93662	33274 Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance	7.61
		33275 Transcatheter removal of permanent leadless pacemaker, right ventricular	8.38
		93279 Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional; single lead pacemaker system or leadless pacemaker system in one cardiac chamber	0.63
		93288 Interrogation device evaluation (in person) with analysis, review and report by a physician or other qualified health care professional, includes connection, recording and disconnection per patient encounter; single, dual, or multiple lead pacemaker system, or leadless pacemaker system	0.42
		93286 Peri-procedural device evaluation (in person) and programming of device system parameters before or after a surgery, procedure, or test with analysis, review and report by a physician or other qualified health care professional; single, dual, or multiple lead pacemaker system, or leadless pacemaker system	0.29

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Single Chamber Leadless Pacemakers	+93662	0823T Transcatheter insertion of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (e.g., interrogation or programming), when performed	Varies by case
		0824T Transcatheter removal of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography), when performed	
		0825T Transcatheter removal and replacement of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (e.g., interrogation or programming), when performed	
		0826T Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional, leadless pacemaker system in single-cardiac chamber	
Dual Chamber Leadless Pacemaker (Insertion)	+93662	0795T Transcatheter insertion of a permanent dual chamber leadless pacemaker (right atrial and right ventricular components)	Varies by case
Dual Chamber Leadless Pacemaker (Upgrade)	+93662	0796T Transcatheter insertion of a permanent dual chamber leadless pacemaker, right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual chamber leadless pacemaker system)	
		0797T Transcatheter insertion of a permanent dual chamber leadless pacemaker, right ventricular pacemaker component (when part of a dual chamber leadless pacemaker system)	
Dual Chamber Leadless Pacemaker (Removal)	+93662	0798T Transcatheter removal of permanent dual chamber leadless pacemaker (right atrial and right ventricular components)	Varies by case
		0799T Transcatheter removal of permanent dual chamber leadless pacemaker (right atrial component)	
		0800T Transcatheter removal of permanent dual chamber leadless pacemaker (right ventricular component)	
Dual Chamber Leadless Pacemaker (Removal & Replacement)	+93662	0801T Transcatheter removal and replacement of permanent dual chamber leadless pacemaker (right atrial and right ventricular components)	Varies by case
		0802T Transcatheter removal and replacement of permanent dual chamber leadless pacemaker (right atrial component)	
		0803T Transcatheter removal and replacement of permanent dual chamber leadless pacemaker (right ventricular component)	

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:		2026 Work RVUs
Dual Chamber Leadless Pacemaker (Removal & Replacement)	+93662	0804T	Programming device evaluation (in person) with iterative adjustment of implantable device to test the function of device and to select optimal permanent programmed values, with analysis, review, and report, by a physician or other qualified health care professional, leadless pacemaker system in dual cardiac chambers	Varies by case

Coding for Other ICE related procedures

Procedure	CPT [‡] Add-on Code	Can be reported in conjunction with CPT [‡] codes:	2026 Work RVUs
Other Procedures	+93662	33477 Transcatheter pulmonary valve implantation, percutaneous approach, including pre-stenting of the valve delivery site, when performed	24.38
		33741 Transcatheter atrial septostomy (TAS) for congenital cardiac anomalies to create effective atrial flow, including all imaging guidance by the proceduralist	13.65
		33745 Transcatheter intracardiac shunt (TIS) creation by stent placement for congenital cardiac anomalies to establish effective intracardiac flow; initial intracardiac shunt	19.50
		92986 Percutaneous balloon valvuloplasty; aortic valve	22.04
		92987 Percutaneous balloon valvuloplasty; mitral valve	22.80
		92990 Percutaneous balloon valvuloplasty; pulmonary valve	17.81
Other Procedures continued	+93662	92997 Percutaneous transluminal pulmonary artery balloon angioplasty; single vessel	11.68
		93583 Percutaneous transcatheter septal reduction therapy including temporary pacemaker insertion when performed	13.41

*Procedure descriptions

LAAC	LEFT ATRIAL APPENDAGE CLOSURE
TAVR	TRANSSCATHETER AORTIC VALVE REPLACEMENT
TEER	TRANSSCATHETER EDGE-TO-EDGE REPAIR
ASD/PFO	ATRIAL SEPTAL DEFECTS/PATENT FORAMEN OVALE
VSD	VENTRICULAR SEPTAL DEFECT
PDA	PATENT DUCTUS ARTERIOSUS

References

1. *Per CPT® Coding Guidelines. AMA. CPT® 2026 Professional Edition. American Medical Association. 2026

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