

# STRUCTURAL HEART INTERVENTIONS AND VALVES CODING GUIDE

CONGENITAL DEFECTS  
SURGICAL HEART VALVES

EFFECTIVE JANUARY 1, 2025



# STRUCTURAL HEART INTERVENTIONS AND VALVES

Effective January 1, 2025

## INTRODUCTION

The Structural Heart and Valves Coding Guide is intended to provide reference material related to the reimbursement of Abbott products when used consistently with their labeling.

## REIMBURSEMENT HOTLINE

In addition, Abbott offers a reimbursement hotline, which provides live coding and reimbursement information from dedicated reimbursement specialists. Coding and reimbursement support is available from 8 a.m. to 5 p.m. Central Time, Monday through Friday at (855) 569-6430 or [hce@abbott.com](mailto:hce@abbott.com). This guide and all supporting documents are available at <https://www.cardiovascular.abbott/us/en/hcp/reimbursement/sh.html>. Coding and reimbursement assistance is provided subject to the disclaimers set forth in this guide.

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# CONGENITAL DEFECTS

EFFECTIVE JANUARY 1, 2025

# CONGENITAL DEFECTS

Fiscal Year (FY) 2025 Hospital Inpatient Reimbursement - Medicare

## NATIONAL AVERAGE REIMBURSEMENT INFORMATION

The rates in the table below are the national average reimbursement rates<sup>3</sup>. For hospital specific rates, please contact your local Abbott representative.

MS-DRG	FY 2025 <sup>3</sup>
<b>ATRIAL SEPTAL DEFECT</b>	
273 with MCCs	\$27,906
274 without MCC	\$22,273
<b>PATENT DUCTUS ARTERIOSUS</b>	
270 with MCCs	\$36,632
271 with CCs	\$24,581
272 without CC/MCC	\$17,857
<b>VENTRICULAR SEPTAL DEFECT</b>	
228 with MCC	\$35,563
229 without MCCs	\$22,168

FY2025 Payment Rates Effective October 1, 2024 - September 30, 2025

# CONGENITAL DEFECTS

## PROCEDURE CODES<sup>6</sup>

ICD-10-PCS	DESCRIPTOR
<b>ATRIAL SEPTAL DEFECT</b>	
02U53JZ	Supplement atrial septum with synthetic substitute, percutaneous approach
<b>PATENT DUCTUS ARTERIOSUS</b>	
02LR3DT	Occlusion of ductus arteriosus with intraluminal device, percutaneous
<b>VENTRICULAR SEPTAL DEFECT</b>	
02UM3JZ	Supplement ventricular septum with synthetic substitute, percutaneous approach



# CONGENITAL DEFECTS

## ICD-10-CM DIAGNOSIS CODES<sup>4</sup>

It is the responsibility of the hospital and physician to determine the appropriate diagnosis code(s) for each patient. The customer should check with their local carriers or intermediaries and should consult with legal counsel or a financial, coding or reimbursement specialist for coding, reimbursement or billing questions related to ICD-10-CM diagnosis codes.

ICD-10-CM	DESCRIPTOR
Q21.10	Atrial septal defect, unspecified
Q21.11	Secundum atrial septal defect
Q21.12	Patent foramen ovale
Q21.19	Other specified atrial septal defect

# CODING AND REIMBURSEMENT FOR CONGENITAL DEFECTS

## HOSPITAL OUTPATIENT<sup>2, 8</sup>

CPT <sup>†</sup> CODE	DESCRIPTION	STATUS INDICATOR	APC	NATIONAL MEDICARE RATE
<b>ATRIAL SEPTAL DEFECT</b>				
93580	Percutaneous transcatheter closure of congenital interatrial communication (i.e., Fontan fenestration, atrial septal defect) with implant	J1	5194	\$17,957
<b>PATENT DUCTUS ARTERIOSUS</b>				
93582	Percutaneous transcatheter closure of patent ductus arteriosus	J1	5194	\$17,957
<b>VENTRICULAR SEPTAL DEFECT</b>				
93581	Percutaneous transcatheter closure of congenital ventricular septal defect with implant	J1	5194	\$17,957

## HCPCS DEVICE CATEGORY C-CODES<sup>5</sup>

C-CODE	DESCRIPTOR
C1817	Septal defect implant system, intracardiac
C1769	Guide wire

J1 = Hospital Part B services paid through a comprehensive APC

Effective Dates: January 1, 2025 - December 31, 2025

# CODING AND REIMBURSEMENT FOR CONGENITAL DEFECTS

## PHYSICIAN IMPLANTER<sup>1,8</sup>

CPT <sup>‡</sup> CODE	DESCRIPTION	WORK RVU	NATIONAL MEDICARE RATE FACILITY	NON FACILITY
<b>ATRIAL SEPTAL DEFECT</b>				
93580	Percutaneous transcatheter closure of congenital interatrial communication (i.e., Fontan fenestration, atrial septal defect) with implant	17.97	\$923	NA
<b>PATENT DUCTUS ARTERIOSUS</b>				
93582	Percutaneous transcatheter closure of patent ductus arteriosus	12.31	\$626	NA
<b>VENTRICULAR SEPTAL DEFECT</b>				
93581	Percutaneous transcatheter closure of congenital ventricular septal defect with implant	24.39	\$1,255	NA
<b>INTRACARDIAC ECHOCARDIOGRAPHY (ICE)</b>				
+93662	Intracardiac echocardiography during therapeutic/diagnostic intervention, including imaging supervision and interpretation (List separately in addition to code for primary procedure)	1.44	\$67	NA

(+) = Indicates add-on code. List add-on code separately in addition to code for primary procedure.

**For non-congenital post myocardial infarction (MI) ventricular septal defects, two codes can be utilized:**

- 93799 - Unlisted cardiovascular service or procedure, or,
- 33999 - Unlisted procedure, cardiac surgery

**The unlisted Code should be submitted with a crosswalk code similar in scope and complexity to the unlisted procedure being performed.**



# CODING AND REIMBURSEMENT FOR CONGENITAL DEFECTS

## PROCEDURAL IMAGING<sup>1</sup>

CPT <sup>‡</sup> CODE	DESCRIPTION	WORK RVU	NATIONAL MEDICARE RATE	
			FACILITY	NON FACILITY
<b>TRANSEOPHAGEAL ECHOCARDIOLOGY (TEE)<sup>8</sup></b>				
93355*	Echocardiography, transesophageal (TEE) for guidance of a transcatheter intracardiac or great vessel(s) structural intervention(s) (e.g., TAVR, transcatheter pulmonary valve replacement, mitral valve repair, paravalvular regurgitation repair, left atrial appendage occlusion/closure, ventricular septal defect closure) (peri-and intra-procedural), real-time image acquisition and documentation, guidance with quantitative measurements, probe manipulation, interpretation, and report, including diagnostic transesophageal echocardiography and, when performed, administration of ultrasound contrast, Doppler, color flow, and 3D	4.66	\$213	NA

\* Note that 93355 is bundled and not separately payable when reported on the same physician claim as the primary procedure or with anesthesia services<sup>7</sup>

# CONGENITAL DEFECTS

## ICD-10-CM DIAGNOSIS CODES<sup>4</sup>

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Q21.10	Atrial septal defect, unspecified
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Q21.12	Patent foramen ovale
Q21.19	Other specified atrial septal defect

# SURGICAL HEART VALVES

EFFECTIVE JANUARY 1, 2025



# SURGICAL VALVES

FY 2025 Hospital Inpatient Reimbursement - Medicare

## NATIONAL AVERAGE REIMBURSEMENT INFORMATION

The rates in the table below are the national average reimbursement rates<sup>3</sup>. For hospital specific rates, please contact your local Abbott representative.

	FY 2025 <sup>3</sup>
<b>CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES WITH CARDIAC CATHETERIZATION</b>	
216 with MCCs	\$68,875
217 without CCs	\$46,087
218 without CC/MCC	\$42,457
<b>CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES WITHOUT CARDIAC CATHETERIZATION</b>	
219 with MCCs	\$55,219
220 with CCs	\$37,800
221 without CC/MCC	\$32,775
<b>CONCOMITANT AORTIC AND MITRAL VALVE PROCEDURES</b>	
212	\$77,745

This new DRG includes hospital stays with combined Surgical AV repair/replacement + Surgical MV repair/replacement + third procedure (e.g. CABG, tricuspid)

FY2025 Payment Rates Effective October 1, 2024 - September 30, 2025

### INPATIENT ONLY PROCEDURE

Surgical heart valve procedures are not allowed in Outpatient or non-Facility settings.<sup>1</sup> In addition, there is no designated APC payment for surgical heart valve procedures nor a C-Code for surgical heart valve procedures

# SURGICAL VALVES

## PROCEDURE CODES<sup>6</sup>

ICD-10 PCS CODE	DESCRIPTION
<b>SURGICAL HEART VALVES AND ANNULOPLASTY RINGS</b>	
02QF0ZZ	Repair aortic valve, open approach
02UF0JZ	Supplement aortic valve with synthetic substitute, open approach
02QG0ZZ	Repair mitral valve, open approach
02UG0JZ	Supplement mitral valve with synthetic substitute, open approach
02QJ0ZZ	Repair tricuspid valve, open approach
02UJ0JZ	Supplement tricuspid valve with synthetic substitute, open approach
02RF0JZ	Replacement of aortic valve with synthetic substitute, open approach
02RF08Z	Replacement of aortic valve with zooplastic tissue, open approach
02RG0JZ	Replacement of mitral valve with synthetic substitute, open approach
02RG08Z	Replacement of mitral valve with zooplastic tissue, open approach

# CODING AND REIMBURSEMENT FOR SURGICAL HEART VALVES

## PHYSICIAN<sup>1</sup>

CPT <sup>‡</sup> CODE	DESCRIPTION	WORK RVU	NATIONAL MEDICARE RATE	
			FACILITY	NON FACILITY
<b>SURGICAL HEART VALVES AND ANNULOPLASTY RINGS<sup>8</sup></b>				
33405	Replacement, aortic valve, open, with cardiopulmonary bypass; with prosthetic valve other than homograft or stentless valve	41.32	\$2,167	NA
33425	Valvuloplasty, mitral valve, with cardiopulmonary bypass	49.96	\$2,600	NA
33426	Valvuloplasty, mitral valve, with cardiopulmonary bypass; with prosthetic ring	43.28	\$2,275	NA
33427	Valvuloplasty, mitral valve, with cardiopulmonary bypass; radical reconstruction, with or without ring	44.83	\$2,325	NA
33430	Replacement, mitral valve, with cardiopulmonary bypass	50.93	\$2,674	NA
33464	Valvuloplasty, tricuspid valve, with ring insertion	44.62	\$2,324	NA

Effective Dates: January 1, 2025 - December 31, 2025



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1. Physician Prospective Payment-Final rule with Comment Period and Final CY2025 Payment Rates. CMS-1807-F: <https://www.cms.gov/medicare/payment/fee-schedules/physician/federal-regulation-notice/cms-1807-f>
2. Hospital Outpatient Prospective Payment-CY2025 Notice of Final Rulemaking with Comment Period (NFRM). <https://www.cms.gov/medicare/payment/prospective-payment-systems/hospital-outpatient/regulations-notice/cms-1809-fc>
3. CMS\_2025\_Hospital Inpatient Prospective Payment-Final Rule Home Page CMS-1808-F: <https://www.cms.gov/medicare/payment/prospective-payment-systems/acute-inpatient-pps/fy-2025-ipp-pps-final-rule-home-page>
4. CMS 2025 ICD-10-CM: <https://www.cms.gov/files/document/fy-2025-icd-10-cm-coding-guidelines.pdf>
5. CMS, 2020 Alpha-Numeric Index HCPCS code set: <https://www.cms.gov/Medicare/Coding/HCPCSReleaseCodeSets/Alpha-Numeric-HCPCS>
6. CMS 2025 ICD-10-PCS Procedure Coding System and Index: <https://www.cms.gov/files/document/2025-official-icd-10-pcs-coding-guidelines.pdf>
7. CY2024 Anesthesia Conversion Factors. U.S. Centers for Medicare and Medicaid Services. <https://www.cms.gov/medicare/payment/fee-schedules/physician/anesthesiologists-center>
8. CPT<sup>®</sup> Copyright 2024 American Medical Association. All rights reserved. <https://www.ama-assn.org/>

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