

# 2023 Reimbursement and Coding Guide

Surgical Heart Valve Therapy



Edwards

# Surgical Valve Repair and Replacement Procedures

## Physician Billing Codes

Clinicians use Current Procedural Terminology (CPT)<sup>1</sup> codes to bill for procedures and services. Each CPT code is assigned unique Relative Value Units (RVUs), which are used to determine payment by the Centers for Medicare & Medicaid Services (CMS) and other payers. Some commonly billed CPT codes used to describe procedures related to Edwards Lifesciences' Heart Valve technologies are listed below.<sup>2</sup> This list may not be comprehensive or complete. These procedures may be subject to the CMS multiple procedure reduction rule. When applicable, a payment reduction of 50% is applied to all payment amounts except the procedure with the greatest RVUs, which is paid at 100% unless exempt by CPT instructions or payer policy. CPT payments have not been adjusted for sequestration.

CPT Code <sup>1</sup>	Description	CY2023 Medicare National Average Physician Payment <sup>2</sup> Facility Setting
<b>Aortic</b>		
33390	Valvuloplasty, aortic valve, open, with cardiopulmonary bypass; simple <i>(ie, valvotomy, debridement, debulking, and/or simple commissural resuspension)</i>	\$1,913
33391	Valvuloplasty, aortic valve, open, with cardiopulmonary bypass; complex <i>(eg, leaflet extension, leaflet resection, leaflet reconstruction, or annuloplasty)</i>	\$2,267
33405	Replacement, aortic valve, open, with cardiopulmonary bypass; with prosthetic valve other than homograft or stentless valve	\$2,255
33406	Replacement, aortic valve, open, with cardiopulmonary bypass; with allograft valve (freehand)	\$2,863
33410	Replacement, aortic valve, open, with cardiopulmonary bypass; with stentless tissue valve	\$2,524
33411	Replacement, aortic valve; with aortic annulus enlargement, noncoronary sinus	\$3,325
33412	Replacement, aortic valve; with transventricular aortic annulus enlargement (Konno procedure)	\$3,114
33413	Replacement, aortic valve; by translocation of autologous pulmonary valve with allograft replacement of pulmonary valve (Ross procedure)	\$3,190
92986	Percutaneous balloon valvuloplasty; aortic valve	\$1,310
<b>Bentall</b>		
33863	Ascending aorta graft, w/cardiopulmonary bypass, w/aortic root replacement using valved conduit and coronary reconstructon (e.g., Bentall)	\$3,117
<b>Mitral</b>		
33420	Valvotomy, mitral valve; closed heart	\$1,441
33422	Valvotomy, mitral valve; open heart, with cardiopulmonary bypass	\$1,652
33425	Valvuloplasty, mitral valve, with cardiopulmonary bypass	\$2,709
33426	Valvuloplasty, mitral valve, with cardiopulmonary bypass; with prosthetic ring	\$2,365
33427	Valvuloplasty, mitral valve, with cardiopulmonary bypass; radical reconstruction, with or without ring	\$2,419
33430	Replacement, mitral valve, with cardiopulmonary bypass	\$2,781
92987	Percutaneous balloon valvuloplasty; mitral valve	\$1,355
<b>Tricuspid</b>		
33460	Valvectomy, tricuspid valve, with cardiopulmonary bypass	\$2,375
33463	Valvuloplasty, tricuspid valve; without ring insertion	\$3,046
33464	Valvuloplasty, tricuspid valve; with ring insertion	\$2,418
33465	Replacement, tricuspid valve, with cardiopulmonary bypass	\$2,732
33468	Tricuspid valve repositioning and plication for Ebstein anomaly	\$2,434
<b>Pulmonary</b>		
33471	Valvotomy, pulmonary valve, closed heart; via pulmonary artery	\$1,322
33475	Replacement pulmonary valve	\$2,305
33999	Unlisted procedure, cardiac surgery	Contractor Priced
92990	Percutaneous balloon valvuloplasty; pulmonary valve	\$1,082

# Surgical Valve Repair and Replacement Procedures

## Inpatient Hospital Billing DRGs

Medicare reimburses inpatient hospital services under the Inpatient Prospective Payment System (IPPS), which bases payment on Medicare Severity-Diagnosis Related Groups (MS-DRGs). All services and supplies provided during the inpatient admission are bundled into a single MS-DRG payment rate for each patient regardless of the length of stay, intensity of treatments, or number of procedures performed. MS-DRG assignment is usually determined based on the patient's primary diagnosis or procedure performed, as indicated by the ICD-10-PCS codes on the billing form. DRG payments have not been adjusted for sequestration.

MS-DRG <sup>3</sup>	Description	FY2023 Medicare National Average Payment
216	Cardiac valve procedures and other major cardiothoracic procedures with cardiac catheterization with MCC	\$66,825
217	Cardiac valve procedures and other major cardiothoracic procedures with cardiac catheterization with CC	\$43,550
218	Cardiac valve procedures and other major cardiothoracic procedures with cardiac catheterization without MCC or CC	\$40,737
219	Cardiac valve procedures and other major cardiothoracic procedures without cardiac catheterization with MCC	\$55,756
220	Cardiac valve procedures and other major cardiothoracic procedures without cardiac catheterization with CC	\$37,282
221	Cardiac valve procedures and other major cardiothoracic procedures without cardiac catheterization without MCC or CC	\$32,456

## ICD - 10 - PCS Procedure Codes for Inpatient Hospital Billing

### ICD-10-PCS<sup>4</sup> Description

#### Aortic

02RF07Z	Replacement of Aortic Valve with Autologous Tissue Substitute, Open Approach
02RF0KZ	Replacement of Aortic Valve with Nonautologous Tissue Substitute, Open Approach
02RF0JZ	Replacement of Aortic Valve with Synthetic Substitute, Open Approach
02RF08Z	Replacement of Aortic Valve with Zooplastic Tissue, Open Approach
02RF47Z	Replacement of Aortic Valve with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
02RF48Z	Replacement of Aortic Valve with Zooplastic Tissue, Percutaneous Endoscopic Approach
02RF4KZ	Replacement of Aortic Valve with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
02RF4JZ	Replacement of Aortic Valve with Synthetic Substitute, Percutaneous Endoscopic Approach

#### Rapid Deployment Valves

02RF08N	Replacement of Aortic Valve with Zooplastic Tissue, using Rapid Deployment Technique, Open Approach
02RF48N	Replacement of Aortic Valve with Zooplastic Tissue, using Rapid Deployment Technique, Percutaneous Endoscopic Approach

#### Bentall (Use both of these codes together for Bentall procedures utilizing KONECT RESILIA aortic valved conduit)

02RF08Z	Replacement of Aortic Valve with Zooplastic Tissue, Open Approach
02RX0JZ	Replacement of Thoracic Aorta, Ascending/Arch with Synthetic Substitute, Open Approach

# ICD - 10 - PCS Procedure Codes for Inpatient Hospital Billing

## ICD-10-PCS<sup>4</sup> Description

### Mitral Valve Replacement

- 02RG08Z Replacement of Mitral Valve with Zooplastic Tissue, Open Approach
- 02RG0JZ Replacement of Mitral Valve with Synthetic Substitute, Open Approach
- 02RG0KZ Replacement of Mitral Valve with Nonautologous Tissue Substitute, Open Approach
- 02RG07Z Replacement of Mitral Valve with Autologous Tissue Substitute, Open Approach

## ICD-10-PCS<sup>4</sup> Description

### Mitral Valve Repair

- 02UG07E Supplement Mitral Valve created from Left Atrioventricular Valve with Autologous Tissue Substitute, Open Approach
- 02UG07Z Supplement Mitral Valve with Autologous Tissue Substitute, Open Approach
- 02UG08E Supplement Mitral Valve created from Left Atrioventricular Valve with Zooplastic Tissue, Open Approach
- 02UG08Z Supplement Mitral Valve with Zooplastic Tissue, Open Approach
- 02UG0JE Supplement Mitral Valve created from Left Atrioventricular Valve with Synthetic Substitute, Open Approach
- 02UG0JZ Supplement Mitral Valve with Synthetic Substitute, Open Approach
- 02UG0KE Supplement Mitral Valve created from Left Atrioventricular Valve with Nonautologous Tissue Substitute, Open Approach
- 02UG0KZ Supplement Mitral Valve with Nonautologous Tissue Substitute, Open Approach
- 02WG07Z Revision of Autologous Tissue Substitute in Mitral Valve, Open Approach
- 02WG08Z Revision of Zooplastic Tissue in Mitral Valve, Open Approach
- 02WG0JZ Revision of Synthetic Substitute in Mitral Valve, Open Approach
- 02WG0KZ Revision of Nonautologous Tissue Substitute in Mitral Valve, Open Approach
- 02QG0ZE Repair of Mitral Valve created from Left Atrioventricular Valve, Open Approach
- 02QG0ZZ Repair of Mitral Valve, Open Approach

## ICD-10-PCS<sup>4</sup> Description

### Pulmonary

- 02NH0ZZ Release Pulmonary Valve, Open Approach
- 02QH0ZZ Repair Pulmonary Valve, Open Approach
- 02RH07Z Replacement of Pulmonary Valve with Autologous Tissue Substitute, Open Approach
- 02RH0KZ Replacement of Pulmonary Valve with Nonautologous Tissue Substitute, Open Approach
- 02RH0JZ Replacement of Pulmonary Valve with Synthetic Substitute, Open Approach

## ICD-10-PCS<sup>4</sup> Description

### Tricuspid

- 02NJ0ZZ Release Tricuspid Valve, Open Approach
- 02QJ0ZZ Repair Tricuspid Valve, Open Approach
- 02RJ07Z Replacement of Tricuspid Valve with Autologous Tissue Substitute, Open Approach
- 02RJ0KZ Replacement of Tricuspid Valve with Nonautologous Tissue Substitute, Open Approach
- 02RJ0JZ Replacement of Tricuspid Valve with Synthetic Substitute, Open Approach
- 02RJ08Z Replacement of Tricuspid Valve with Zooplastic Tissue, Open Approach
- 02UJ07Z Supplement Tricuspid Valve with Autologous Tissue Substitute, Open Approach
- 02UJ0KZ Supplement Tricuspid Valve with Nonautologous Tissue Substitute, Open Approach
- 02UJ0JZ Supplement Tricuspid Valve with Synthetic Substitute, Open Approach
- 02UJ08Z Supplement Tricuspid Valve with Zooplastic Tissue, Open Approach

**For detailed information regarding coding and reimbursement, please contact the dedicated Edwards Reimbursement Hotline: (888) 352-0901 or [reimbursementsupport@edwards.com](mailto:reimbursementsupport@edwards.com)**

#### References

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2. For all Medicare payments for physicians, the multiple procedure reduction rule may apply. Consult with your coding and billing staff, and payer policy for further guidance. National average Medicare payment is calculated using the Conversion Factor of \$33.8872 per the Medicare Physician Fee Schedule for Calendar Year 2023 Final Rule Update issued November 1, 2022. National average is based on factors such as geography, teaching vs. non-teaching hospital, rural vs. urban area, etc. and your payment may be different based on these factors. This payment will differ for commercial payers. Payments are effective January 1, 2023 through December 31, 2023
3. Centers for Medicare & Medicaid Services. FY2023 Inpatient Prospective Payment System (IPPS) Final Rule issued August 01, 2022. Payments are effective October 1, 2022 through September 30, 2023.
4. 2023 ICD-10 PCS | CMS [Internet]. [Cited 2022 Nov11]. Available from: <https://www.cms.gov/medicare/icd-10/2023-icd-10-pcs>

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