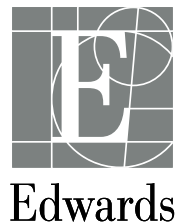


2024 Facility and Physician Billing Guide

Vascular Products



Physician Outpatient Billing Codes

Clinicians and outpatient facilities use Current Procedural Terminology (CPT¹) 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). Some commonly billed CPT codes used to describe procedures related to Edwards Lifesciences' Vascular technologies (e.g., Fogarty catheters) are listed below.² This list may not be comprehensive or complete. These procedures may be subject to the CMS multiple procedure payment 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. This rule does not normally apply to radiologic procedures.

Procedures related to the use of Edwards Lifesciences' technologies (e.g., Fogarty catheters) are often performed in a facility setting, including an outpatient hospital department (HOPD, Place of Service (POS) code 19 or 22), Ambulatory Surgery Center (ASC, POS code 24), or a Vascular Access Center (which can be licensed as POS 11, 22, or 24). Reimbursement is determined based upon services rendered and varies by POS. The following are commonly billed codes and associated Medicare national payment amounts. This list may not be comprehensive and complete.

Interventional Procedures³

CPT Code	Description	Medicare National Physician Payment ⁴		Medicare National Facility Payment ⁴		
		Facility Setting (various POSs)	Non-Facility Setting (including POS 11)	APC Code	HOPD (POS 19 or 22)	ASC (POS 24)
35301	Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision	\$1,102	Facility Only	NA	Inpatient Only	Inpatient Only
+35390 ⁵	Reoperation, carotid, thromboendarterectomy, more than 1 month after original operation (list separately in addition to code for primary procedure)	\$154	Facility Only	NA	Inpatient Only	Inpatient Only
36901 ⁶	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report	\$163	\$692	5182	\$1,526	\$554
36902 ⁶	with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty	\$233	\$1,183	5192	\$5,446	\$2,526
36903 ⁶	with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the stenting, and all angioplasty within the peripheral dialysis segment	\$306	\$4,415	5193	\$10,482	\$6,926

Interventional Procedures³ - continued

CPT Code	Description	Medicare National Physician Payment ⁴		Medicare National Facility Payment ⁴		
		Facility Setting (various POSs)	Non-Facility Setting (including POS 11)	APC Code	HOPD (POS 19 or 22)	ASC (POS 24)
36904 ⁶	Percutaneous transluminal mechanical thrombectomy and/ or \$351 infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s)	\$357	\$1,770	5192	\$5,446	\$3,222
36905 ⁶	with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty	\$428	\$2,225	5193	\$10,482	\$6,102
36906 ⁶	with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the stenting, and all angioplasty within the peripheral dialysis circuit	\$495	\$5,275	5194	\$16,707	\$11,280
36831	Thrombectomy, open, arteriovenous fistula without revision, autogenous or nonautogenous dialysis graft (separate procedure)	\$740	Facility Only	5184	\$5,236	\$2,903
36833	Revision, open, arteriovenous fistula; with thrombectomy, autogenous or nonautogenous dialysis graft (separate procedure)	\$789	Facility Only	5184	\$5,236	\$2,903
37211 ⁷	Transcatheter therapy, arterial infusion for thrombolysis other than coronary or intracranial, any method, including radiological supervision and interpretation, initial treatment day	\$375	Facility Only	5184	\$5,236	\$3,656
37212 ⁷	Transcatheter therapy, venous infusion for thrombolysis, any method, including radiological supervision and interpretation, initial treatment day	\$327	Facility Only	5183	\$3,037	\$1,963
37213 ⁷	Transcatheter therapy, arterial or venous infusion for thrombolysis other than coronary, any method, including radiological supervision and interpretation, continued treatment on subsequent day during course of thrombolytic therapy, including follow-up catheter contrast injection, position change, or exchange, when performed	\$224	Facility Only	5183	3,037	NA
37214 ⁷	Transcatheter therapy, arterial or venous infusion for thrombolysis other than coronary, any method, including radiological supervision and interpretation, continued treatment on subsequent day during course of thrombolytic therapy, including follow-up catheter contrast injection, position change, or exchange, when performed; cessation of thrombolysis including removal of catheter and vessel closure by any method	\$118	Facility Only	5183	3,037	NA

Revenue Codes⁸ and HCPCS Codes⁹

Revenue codes help hospitals categorize services provided by revenue center. Medicare utilizes revenue codes for cost reporting purposes. It may be appropriate for hospitals to capture the cost of products used for these procedures for payer reporting or cost accounting purposes as expenses within Revenue Code 0278 (Medical/Surgical Supplies and Devices – Other Implants) on the hospital UB-04 billing form. CMS uses C-codes under the Outpatient Prospective Payment System (OPPS) to track device cost information for future APC rate-setting purposes. No additional facility payment is associated with these codes. CMS may reject hospital claims if the appropriate C codes used to report device costs are not identified on the claim. Edwards Lifesciences' Vascular technologies can be used in both the inpatient and outpatient setting. C codes that may apply to the use of these products in the outpatient setting are listed below. Procedure codes associated with these products are not necessarily included within this document.

HCPCS Code	Description ¹¹	Edwards Product Examples
C1757	Catheter, thrombectomy/embolectomy	Fogarty thrombectomy and embolectomy catheters: 120403F – 120807FP, 12A0403F-12A1004F, 12GV0402F, 12TLW1203F -12TLW807F, 1408010, 140806, 140808, 160245F, 160246F, 320806F, 320808F, 32080810F, NL121RR30, NL2EMB40-NL7EMB80T
C1768	Graft, vascular	Pericardial Vascular Patch: 4700, 4700J, XAG400, XAG420, XAG440
C2628	Catheter, occlusion	Fogarty Occlusion Catheters: 620403F, 620404F, 620405F, 62080814F, 62080822F

Inpatient Hospital Billing Codes

Medicare inpatient hospital reimbursement is based upon the Medicare Severity Diagnostic-Related Group (MS-DRG) classification system, which assigns MS-DRGs based on ICD-10 diagnosis and procedure codes.

ICD-10 Procedure Code ¹⁰	Description
031209D	Bypass Innominate Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031209F	Bypass Innominate Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03120AD	Bypass Innominate Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03120AF	Bypass Innominate Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03120JD	Bypass Innominate Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03120JF	Bypass Innominate Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03120KD	Bypass Innominate Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03120KF	Bypass Innominate Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03120ZD	Bypass Innominate Artery to Upper Arm Vein, Open Approach
03120ZF	Bypass Innominate Artery to Lower Arm Vein, Open Approach
031309D	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031309F	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03130AD	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03130AF	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03130JD	Bypass Right Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03130JF	Bypass Right Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03130KD	Bypass Right Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03130KF	Bypass Right Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03130ZD	Bypass Right Subclavian Artery to Upper Arm Vein, Open Approach
03130ZF	Bypass Right Subclavian Artery to Lower Arm Vein, Open Approach
031409D	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031409F	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach

ICD-10 Procedure Code¹⁰	Description
03140AD	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03140AF	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03140JD	Bypass Left Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03140JF	Bypass Left Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03140KD	Bypass Left Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03140KF	Bypass Left Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03140ZD	Bypass Left Subclavian Artery to Upper Arm Vein, Open Approach
03140ZF	Bypass Left Subclavian Artery to Lower Arm Vein, Open Approach
031509D	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031509F	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03150AD	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03150AF	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03150JD	Bypass Right Axillary Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03150JF	Bypass Right Axillary Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03150KD	Bypass Right Axillary Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03150KF	Bypass Right Axillary Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03150ZD	Bypass Right Axillary Artery to Upper Arm Vein, Open Approach
03150ZF	Bypass Right Axillary Artery to Lower Arm Vein, Open Approach
031609D	Bypass Left Axillary Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031609F	Bypass Left Axillary Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03160AD	Bypass Left Axillary Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03160AF	Bypass Left Axillary Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03160JD	Bypass Left Axillary Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03160JF	Bypass Left Axillary Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03160KD	Bypass Left Axillary Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03160KF	Bypass Left Axillary Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach

ICD-10 Procedure Code¹⁰	Description
03160ZD	Bypass Left Axillary Artery to Upper Arm Vein, Open Approach
03160ZF	Bypass Left Axillary Artery to Lower Arm Vein, Open Approach
031709D	Bypass Right Brachial Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031709F	Bypass Right Brachial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03170AD	Bypass Right Brachial Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03170AF	Bypass Right Brachial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03170JD	Bypass Right Brachial Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03170JF	Bypass Right Brachial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03170KD	Bypass Right Brachial Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03170KF	Bypass Right Brachial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03170ZD	Bypass Right Brachial Artery to Upper Arm Vein, Open Approach
03170ZF	Bypass Right Brachial Artery to Lower Arm Vein, Open Approach
031809D	Bypass Left Brachial Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach
031809F	Bypass Left Brachial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03180AD	Bypass Left Brachial Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach
03180JD	Bypass Left Brachial Artery to Upper Arm Vein with Synthetic Substitute, Open Approach
03180JF	Bypass Left Brachial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03180KD	Bypass Left Brachial Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach
03180KF	Bypass Left Brachial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03180ZD	Bypass Left Brachial Artery to Upper Arm Vein, Open Approach
03180ZF	Bypass Left Brachial Artery to Lower Arm Vein, Open Approach
031909F	Bypass Right Ulnar Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
03190AF	Bypass Right Ulnar Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
03190JF	Bypass Right Ulnar Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
03190KF	Bypass Right Ulnar Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
03190ZF	Bypass Right Ulnar Artery to Lower Arm Vein, Open Approach

ICD-10 Procedure Code ¹⁰	Description
031A09F	Bypass Left Ulnar Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
031A0AF	Bypass Left Ulnar Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
031A0JF	Bypass Left Ulnar Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
031A0KF	Bypass Left Ulnar Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
031A0ZF	Bypass Left Ulnar Artery to Lower Arm Vein, Open Approach
031C09F	Bypass Left Radial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach
031C0AF	Bypass Left Radial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach
031C0JF	Bypass Left Radial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach
031C0KF	Bypass Left Radial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach
031C0ZF	Bypass Left Radial Artery to Lower Arm Vein, Open Approach
03BM4ZZ	Excision of Right External Carotid Artery, Percutaneous Endoscopic Approach
03BN0ZZ	Excision of Left External Carotid Artery, Open Approach
03BN4ZZ	Excision of Left External Carotid Artery, Percutaneous Endoscopic App
03BP0ZZ	Excision of Right Vertebral Artery, Open Approach
03BP4ZZ	Excision of Right Vertebral Artery, Percutaneous Endoscopic Approach
03BQ0ZZ	Excision of Left Vertebral Artery, Open Approach
03BQ4ZZ	Excision of Left Vertebral Artery, Percutaneous Endoscopic Approach
03BR0ZZ	Excision of Face Artery, Open Approach
03BR4ZZ	Excision of Face Artery, Percutaneous Endoscopic Approach
03BS0ZZ	Excision of Right Temporal Artery, Open Approach
03BS4ZZ	Excision of Right Temporal Artery, Percutaneous Endoscopic Approach
03BT0ZZ	Excision of Left Temporal Artery, Open Approach
03BT4ZZ	Excision of Left Temporal Artery, Percutaneous Endoscopic Approach
03BU0ZZ	Excision of Right Thyroid Artery, Open Approach
03BU4ZZ	Excision of Right Thyroid Artery, Percutaneous Endoscopic Approach
03BV0ZZ	Excision of Left Thyroid Artery, Open Approach

ICD-10 Procedure Code ¹⁰	Description
03BV4ZZ	Excision of Left Thyroid Artery, Percutaneous Endoscopic Approach
05BM0ZZ	Excision of Right Internal Jugular Vein, Open Approach
05BM4ZZ	Excision of Right Internal Jugular Vein, Percutaneous Endoscopic Approach
05BN0ZZ	Excision of Left Internal Jugular Vein, Open Approach
05BN4ZZ	Excision of Left Internal Jugular Vein, Percutaneous Endoscopic Approach
05BP0ZZ	Excision of Right External Jugular Vein, Open Approach
05BP4ZZ	Excision of Right External Jugular Vein, Percutaneous Endoscopic Approach
05BQ0ZZ	Excision of Left External Jugular Vein, Open Approach
05BQ4ZZ	Excision of Left External Jugular Vein, Percutaneous Endoscopic Approach
05BR0ZZ	Excision of Right Vertebral Vein, Open Approach
05BR4ZZ	Excision of Right Vertebral Vein, Percutaneous Endoscopic Approach
05BS0ZZ	Excision of Left Vertebral Vein, Open Approach
05BS4ZZ	Excision of Left Vertebral Vein, Percutaneous Endoscopic Approach
05BT0ZZ	Excision of Right Face Vein, Open Approach
05BT4ZZ	Excision of Right Face Vein, Percutaneous Endoscopic Approach
05BV0ZZ	Excision of Left Face Vein, Open Approach
05BV4ZZ	Excision of Left Face Vein, Percutaneous Endoscopic Approach
03CH0ZZ	Extirpation of Matter from Right Common Carotid Artery, Open Approach
03CH4ZZ	Extirpation of Matter from Right Common Carotid Artery, Percutaneous Endoscopic Approach
03CJ0ZZ	Extirpation of Matter from Left Common Carotid Artery, Open Approach
03CJ4ZZ	Extirpation of Matter from Left Common Carotid Artery, Percutaneous Endoscopic Approach
03CK0ZZ	Extirpation of Matter from Right Internal Carotid Artery, Open Approach
03CK4ZZ	Extirpation of Matter from Right Internal Carotid Artery, Percutaneous Endoscopic Approach
03CL0ZZ	Extirpation of Matter from Left Internal Carotid Artery, Open Approach
03CL4ZZ	Extirpation of Matter from Left Internal Carotid Artery, Percutaneous Endoscopic Approach
03CM0ZZ	Extirpation of Matter from Right External Carotid Artery, Open Approach
03CM4ZZ	Extirpation of Matter from Right External Carotid Artery, Percutaneous Endoscopic Approach

ICD-10 Procedure Code ¹⁰	Description
03CN0ZZ	Extirpation of Matter from Left External Carotid Artery, Open Approach
03CN4ZZ	Extirpation of Matter from Left External Carotid Artery, Percutaneous Endoscopic Approach
03CP0ZZ	Extirpation of Matter from Right Vertebral Artery, Open Approach
03CP4ZZ	Extirpation of Matter from Right Vertebral Artery, Percutaneous Endoscopic Approach
03CQ0ZZ	Extirpation of Matter from Left Vertebral Artery, Open Approach
03CQ4ZZ	Extirpation of Matter from Left Vertebral Artery, Percutaneous Endoscopic Approach
03CR0ZZ	Extirpation of Matter from Face Artery, Open Approach
03CR3ZZ	Extirpation of Matter from Face Artery, Percutaneous Approach
03CR4ZZ	Extirpation of Matter from Face Artery, Percutaneous Endoscopic Approach
03CS0ZZ	Extirpation of Matter from Right Temporal Artery, Open Approach
03CS3ZZ	Extirpation of Matter from Right Temporal Artery, Percutaneous Approach
03CS4ZZ	Extirpation of Matter from Right Temporal Artery, Percutaneous Endoscopic Approach
03CT0ZZ	Extirpation of Matter from Left Temporal Artery, Open Approach
03CT3ZZ	Extirpation of Matter from Left Temporal Artery, Percutaneous Approach
03CT4ZZ	Extirpation of Matter from Left Temporal Artery, Percutaneous Endoscopic Approach
03CU0ZZ	Extirpation of Matter from Right Thyroid Artery, Open Approach
03CU3ZZ	Extirpation of Matter from Right Thyroid Artery, Percutaneous Approach
03CU4ZZ	Extirpation of Matter from Right Thyroid Artery, Percutaneous Endoscopic Approach
03CV0ZZ	Extirpation of Matter from Left Thyroid Artery, Open Approach
03CV3ZZ	Extirpation of Matter from Left Thyroid Artery, Percutaneous Approach
03CY0ZZ	Extirpation of Matter from Upper Artery, Open Approach
03CY3ZZ	Extirpation of Matter from Upper Artery, Percutaneous Approach
03CY4ZZ	Extirpation of Matter from Upper Artery, Percutaneous Endoscopic Approach
04CY0ZZ	Extirpation of Matter from Lower Artery, Open Approach
04CY3ZZ	Extirpation of Matter from Lower Artery, Percutaneous Approach
04CY4ZZ	Extirpation of Matter from Lower Artery, Percutaneous Endoscopic Approach

ICD-10 Procedure Code ¹⁰	Description
05CY0ZZ	Extirpation of Matter from Upper Vein, Open Approach
05CY3ZZ	Extirpation of Matter from Upper Vein, Percutaneous Approach
05CY4ZZ	Extirpation of Matter from Upper Vein, Percutaneous Endoscopic Approach
06CY0ZZ	Extirpation of Matter from Lower Vein, Open Approach
06CY3ZZ	Extirpation of Matter from Lower Vein, Percutaneous Approach
06CY4ZZ	Extirpation of Matter from Lower Vein, Percutaneous Endoscopic Approach
02H633Z	Insertion of Infusion Device into Right Atrium, Percutaneous Approach
02HK33Z	Insertion of Infusion Device into Right Ventricle, Percutaneous Approach
02HP03Z	Insertion of Infusion Device into Pulmonary Trunk, Open Approach
02HP33Z	Insertion of Infusion Device into Pulmonary Trunk, Percutaneous Approach
02HP43Z	Insertion of Infusion Device into Pulmonary Trunk, Percutaneous Endoscopic Approach
02HQ03Z	Insertion of Infusion Device into Right Pulmonary Artery, Open Approach
02HQ33Z	Insertion of Infusion Device into Right Pulmonary Artery, Percutaneous Approach
02HQ43Z	Insertion of Infusion Device into Right Pulmonary Artery, Percutaneous Endoscopic Approach
02HR03Z	Insertion of Infusion Device into Left Pulmonary Artery, Open Approach
02HR33Z	Insertion of Infusion Device into Left Pulmonary Artery, Percutaneous Approach
02HR43Z	Insertion of Infusion Device into Left Pulmonary Artery, Percutaneous Endoscopic Approach
02HS03Z	Insertion of Infusion Device into Right Pulmonary Vein, Open Approach
02HS33Z	Insertion of Infusion Device into Right Pulmonary Vein, Percutaneous Approach
02HS43Z	Insertion of Infusion Device into Right Pulmonary Vein, Percutaneous Endoscopic Approach
02HT03Z	Insertion of Infusion Device into Left Pulmonary Vein, Open Approach
02HT33Z	Insertion of Infusion Device into Left Pulmonary Vein, Percutaneous Approach
02HT43Z	Insertion of Infusion Device into Left Pulmonary Vein, Percutaneous Endoscopic Approach
02HV03Z	Insertion of Infusion Device into Superior Vena Cava, Open Approach
02HV33Z	Insertion of Infusion Device into Superior Vena Cava, Percutaneous Approach
02HV43Z	Insertion of Infusion Device into Superior Vena Cava, Percutaneous Endoscopic Approach

ICD-10 Procedure Code ¹⁰	Description
02HW03Z	Insertion of Infusion Device into Thoracic Aorta, Descending, Open Approach
02HW33Z	Insertion of Infusion Device into Thoracic Aorta, Descending, Percutaneous Approach
02HW43Z	Insertion of Infusion Device into Thoracic Aorta, Descending, Percutaneous Endoscopic Approach
03H003Z	Insertion of Infusion Device into Right Internal Mammary Artery, Open Approach
03H033Z	Insertion of Infusion Device into Right Internal Mammary Artery, Percutaneous Approach
03H043Z	Insertion of Infusion Device into Right Internal Mammary Artery, Percutaneous Endoscopic Approach
03H103Z	Insertion of Infusion Device into Left Internal Mammary Artery, Open Approach
03H133Z	Insertion of Infusion Device into Left Internal Mammary Artery, Percutaneous Approach
03H143Z	Insertion of Infusion Device into Left Internal Mammary Artery, Percutaneous Endoscopic Approach
03H203Z	Insertion of Infusion Device into Innominate Artery, Open Approach
03H233Z	Insertion of Infusion Device into Innominate Artery, Percutaneous Approach
03H243Z	Insertion of Infusion Device into Innominate Artery, Percutaneous Endoscopic Approach
03H303Z	Insertion of Infusion Device into Right Subclavian Artery, Open Approach
03H333Z	Insertion of Infusion Device into Right Subclavian Artery, Percutaneous Approach
03H343Z	Insertion of Infusion Device into Right Subclavian Artery, Percutaneous Endoscopic Approach
03H403Z	Insertion of Infusion Device into Left Subclavian Artery, Open Approach
03H433Z	Insertion of Infusion Device into Left Subclavian Artery, Percutaneous Approach
03H443Z	Insertion of Infusion Device into Left Subclavian Artery, Percutaneous Endoscopic Approach
03H503Z	Insertion of Infusion Device into Right Axillary Artery, Open Approach
03H533Z	Insertion of Infusion Device into Right Axillary Artery, Percutaneous Approach
03H543Z	Insertion of Infusion Device into Right Axillary Artery, Percutaneous Endoscopic Approach
03H603Z	Insertion of Infusion Device into Left Axillary Artery, Open Approach
03H633Z	Insertion of Infusion Device into Left Axillary Artery, Percutaneous Approach
03H643Z	Insertion of Infusion Device into Left Axillary Artery, Percutaneous Endoscopic Approach
03H703Z	Insertion of Infusion Device into Right Brachial Artery, Open Approach
03H733Z	Insertion of Infusion Device into Right Brachial Artery, Percutaneous Approach

ICD-10 Procedure Code ¹⁰	Description
03H743Z	Insertion of Infusion Device into Right Brachial Artery, Percutaneous Endoscopic Approach
03H803Z	Insertion of Infusion Device into Left Brachial Artery, Open Approach
03H833Z	Insertion of Infusion Device into Left Brachial Artery, Percutaneous Approach
03H843Z	Insertion of Infusion Device into Left Brachial Artery, Percutaneous Endoscopic Approach
03H903Z	Insertion of Infusion Device into Right Ulnar Artery, Open Approach
03H933Z	Insertion of Infusion Device into Right Ulnar Artery, Percutaneous Approach
03H943Z	Insertion of Infusion Device into Right Ulnar Artery, Percutaneous Endoscopic Approach
03HA03Z	Insertion of Infusion Device into Left Ulnar Artery, Open Approach
03HA33Z	Insertion of Infusion Device into Left Ulnar Artery, Percutaneous Approach
03HA43Z	Insertion of Infusion Device into Left Ulnar Artery, Percutaneous Endoscopic Approach
03HB03Z	Insertion of Infusion Device into Right Radial Artery, Open Approach
03HB33Z	Insertion of Infusion Device into Right Radial Artery, Percutaneous Approach
03HB43Z	Insertion of Infusion Device into Right Radial Artery, Percutaneous Endoscopic Approach
03HC03Z	Insertion of Infusion Device into Left Radial Artery, Open Approach
03HC33Z	Insertion of Infusion Device into Left Radial Artery, Percutaneous Approach
03HC43Z	Insertion of Infusion Device into Left Radial Artery, Percutaneous Endoscopic Approach
03HD03Z	Insertion of Infusion Device into Right Hand Artery, Open Approach
03HD33Z	Insertion of Infusion Device into Right Hand Artery, Percutaneous Approach
03HD43Z	Insertion of Infusion Device into Right Hand Artery, Percutaneous Endoscopic Approach
03HF03Z	Insertion of Infusion Device into Left Hand Artery, Open Approach
03HF33Z	Insertion of Infusion Device into Left Hand Artery, Percutaneous Approach
03HF43Z	Insertion of Infusion Device into Left Hand Artery, Percutaneous Endoscopic Approach
03HG03Z	Insertion of Infusion Device into Intracranial Artery, Open Approach
03HG33Z	Insertion of Infusion Device into Intracranial Artery, Percutaneous Approach
03HG43Z	Insertion of Infusion Device into Intracranial Artery, Percutaneous Endoscopic Approach
03HH03Z	Insertion of Infusion Device into Right Common Carotid Artery, Open Approach

ICD-10 Procedure Code¹⁰	Description
03HH33Z	Insertion of Infusion Device into Right Common Carotid Artery, Percutaneous Approach
03HH43Z	Insertion of Infusion Device into Right Common Carotid Artery, Percutaneous Endoscopic Approach
03HJ03Z	Insertion of Infusion Device into Left Common Carotid Artery, Open Approach
03HJ33Z	Insertion of Infusion Device into Left Common Carotid Artery, Percutaneous Approach
03HJ43Z	Insertion of Infusion Device into Left Common Carotid Artery, Percutaneous Endoscopic Approach
03HK03Z	Insertion of Infusion Device into Right Internal Carotid Artery, Open Approach
03HK33Z	Insertion of Infusion Device into Right Internal Carotid Artery, Percutaneous Approach
03HK43Z	Insertion of Infusion Device into Right Internal Carotid Artery, Percutaneous Endoscopic Approach
03HL03Z	Insertion of Infusion Device into Left Internal Carotid Artery, Open Approach
03HL33Z	Insertion of Infusion Device into Left Internal Carotid Artery, Percutaneous Approach
03HL43Z	Insertion of Infusion Device into Left Internal Carotid Artery, Percutaneous Endoscopic Approach
03HM03Z	Insertion of Infusion Device into Right External Carotid Artery, Open Approach
03HM33Z	Insertion of Infusion Device into Right External Carotid Artery, Percutaneous Approach
03HM43Z	Insertion of Infusion Device into Right External Carotid Artery, Percutaneous Endoscopic Approach
03HN03Z	Insertion of Infusion Device into Left External Carotid Artery, Open Approach
03HN33Z	Insertion of Infusion Device into Left External Carotid Artery, Percutaneous Approach
03HN43Z	Insertion of Infusion Device into Left External Carotid Artery, Percutaneous Endoscopic Approach
03HP03Z	Insertion of Infusion Device into Right Vertebral Artery, Open Approach
03HP33Z	Insertion of Infusion Device into Right Vertebral Artery, Percutaneous Approach
03HP43Z	Insertion of Infusion Device into Right Vertebral Artery, Percutaneous Endoscopic Approach
03HQ03Z	Insertion of Infusion Device into Left Vertebral Artery, Open Approach
03HQ33Z	Insertion of Infusion Device into Left Vertebral Artery, Percutaneous Approach
03HQ43Z	Insertion of Infusion Device into Left Vertebral Artery, Percutaneous Endoscopic Approach
03HR03Z	Insertion of Infusion Device into Face Artery, Open Approach
03HR33Z	Insertion of Infusion Device into Face Artery, Percutaneous Approach
03HR43Z	Insertion of Infusion Device into Face Artery, Percutaneous Endoscopic Approach

ICD-10 Procedure Code¹⁰	Description
03HS03Z	Insertion of Infusion Device into Right Temporal Artery, Open Approach
03HS33Z	Insertion of Infusion Device into Right Temporal Artery, Percutaneous Approach
03HS43Z	Insertion of Infusion Device into Right Temporal Artery, Percutaneous Endoscopic Approach
03HT03Z	Insertion of Infusion Device into Left Temporal Artery, Open Approach
03HT33Z	Insertion of Infusion Device into Left Temporal Artery, Percutaneous Approach
03HT43Z	Insertion of Infusion Device into Left Temporal Artery, Percutaneous Endoscopic Approach
03HU03Z	Insertion of Infusion Device into Right Thyroid Artery, Open Approach
03HU33Z	Insertion of Infusion Device into Right Thyroid Artery, Percutaneous Approach
03HU43Z	Insertion of Infusion Device into Right Thyroid Artery, Percutaneous Endoscopic Approach
03HV03Z	Insertion of Infusion Device into Left Thyroid Artery, Open Approach
03HV33Z	Insertion of Infusion Device into Left Thyroid Artery, Percutaneous Approach
03HV43Z	Insertion of Infusion Device into Left Thyroid Artery, Percutaneous Endoscopic Approach
03HY03Z	Insertion of Infusion Device into Upper Artery, Open Approach
03HY33Z	Insertion of Infusion Device into Upper Artery, Percutaneous Approach
03HY43Z	Insertion of Infusion Device into Upper Artery, Percutaneous Endoscopic Approach
04H003Z	Insertion of Infusion Device into Abdominal Aorta, Open Approach
04H033Z	Insertion of Infusion Device into Abdominal Aorta, Percutaneous Approach
04H043Z	Insertion of Infusion Device into Abdominal Aorta, Percutaneous Endoscopic Approach
04H103Z	Insertion of Infusion Device into Celiac Artery, Open Approach
04H133Z	Insertion of Infusion Device into Celiac Artery, Percutaneous Approach
04H143Z	Insertion of Infusion Device into Celiac Artery, Percutaneous Endoscopic Approach
04H203Z	Insertion of Infusion Device into Gastric Artery, Open Approach
04H233Z	Insertion of Infusion Device into Gastric Artery, Percutaneous Approach
04H243Z	Insertion of Infusion Device into Gastric Artery, Percutaneous Endoscopic Approach
04H303Z	Insertion of Infusion Device into Hepatic Artery, Open Approach
04H333Z	Insertion of Infusion Device into Hepatic Artery, Percutaneous Approach

ICD-10 Procedure Code¹⁰	Description
04H343Z	Insertion of Infusion Device into Hepatic Artery, Percutaneous Endoscopic Approach
04H403Z	Insertion of Infusion Device into Splenic Artery, Open Approach
04H433Z	Insertion of Infusion Device into Splenic Artery, Percutaneous Approach
04H443Z	Insertion of Infusion Device into Splenic Artery, Percutaneous Endoscopic Approach
04H503Z	Insertion of Infusion Device into Superior Mesenteric Artery, Open Approach
04H533Z	Insertion of Infusion Device into Superior Mesenteric Artery, Percutaneous Approach
04H543Z	Insertion of Infusion Device into Superior Mesenteric Artery, Percutaneous Endoscopic Approach
04H603Z	Insertion of Infusion Device into Right Colic Artery, Open Approach
04H633Z	Insertion of Infusion Device into Right Colic Artery, Percutaneous Approach
04H643Z	Insertion of Infusion Device into Right Colic Artery, Percutaneous Endoscopic Approach
04H703Z	Insertion of Infusion Device into Left Colic Artery, Open Approach
04H733Z	Insertion of Infusion Device into Left Colic Artery, Percutaneous Approach
04H743Z	Insertion of Infusion Device into Left Colic Artery, Percutaneous Endoscopic Approach
04H803Z	Insertion of Infusion Device into Middle Colic Artery, Open Approach
04H833Z	Insertion of Infusion Device into Middle Colic Artery, Percutaneous Approach
04H843Z	Insertion of Infusion Device into Middle Colic Artery, Percutaneous Endoscopic Approach
04H903Z	Insertion of Infusion Device into Right Renal Artery, Open Approach
04H933Z	Insertion of Infusion Device into Right Renal Artery, Percutaneous Approach
04H943Z	Insertion of Infusion Device into Right Renal Artery, Percutaneous Endoscopic Approach
04HA03Z	Insertion of Infusion Device into Left Renal Artery, Open Approach
04HA33Z	Insertion of Infusion Device into Left Renal Artery, Percutaneous Approach
04HA43Z	Insertion of Infusion Device into Left Renal Artery, Percutaneous Endoscopic Approach
04HB03Z	Insertion of Infusion Device into Inferior Mesenteric Artery, Open Approach
04HB33Z	Insertion of Infusion Device into Inferior Mesenteric Artery, Percutaneous Approach
04HB43Z	Insertion of Infusion Device into Inferior Mesenteric Artery, Percutaneous Endoscopic Approach
04HC03Z	Insertion of Infusion Device into Right Common Iliac Artery, Open Approach

ICD-10 Procedure Code¹⁰	Description
04HC33Z	Insertion of Infusion Device into Right Common Iliac Artery, Percutaneous Approach
04HC43Z	Insertion of Infusion Device into Right Common Iliac Artery, Percutaneous Endoscopic Approach
04HD03Z	Insertion of Infusion Device into Left Common Iliac Artery, Open Approach
04HD33Z	Insertion of Infusion Device into Left Common Iliac Artery, Percutaneous Approach
04HD43Z	Insertion of Infusion Device into Left Common Iliac Artery, Percutaneous Endoscopic Approach
04HE03Z	Insertion of Infusion Device into Right Internal Iliac Artery, Open Approach
04HE33Z	Insertion of Infusion Device into Right Internal Iliac Artery, Percutaneous Approach
04HE43Z	Insertion of Infusion Device into Right Internal Iliac Artery, Percutaneous Endoscopic Approach
04HF03Z	Insertion of Infusion Device into Left Internal Iliac Artery, Open Approach
04HF33Z	Insertion of Infusion Device into Left Internal Iliac Artery, Percutaneous Approach
04HF43Z	Insertion of Infusion Device into Left Internal Iliac Artery, Percutaneous Endoscopic Approach
04HH03Z	Insertion of Infusion Device into Right External Iliac Artery, Open Approach
04HH33Z	Insertion of Infusion Device into Right External Iliac Artery, Percutaneous Approach
04HH43Z	Insertion of Infusion Device into Right External Iliac Artery, Percutaneous Endoscopic Approach
04HJ03Z	Insertion of Infusion Device into Left External Iliac Artery, Open Approach
04HJ33Z	Insertion of Infusion Device into Left External Iliac Artery, Percutaneous Approach
04HJ43Z	Insertion of Infusion Device into Left External Iliac Artery, Percutaneous Endoscopic Approach
04HK03Z	Insertion of Infusion Device into Right Femoral Artery, Open Approach
04HK33Z	Insertion of Infusion Device into Right Femoral Artery, Percutaneous Approach
04HK43Z	Insertion of Infusion Device into Right Femoral Artery, Percutaneous Endoscopic Approach
04HL03Z	Insertion of Infusion Device into Left Femoral Artery, Open Approach
04HL33Z	Insertion of Infusion Device into Left Femoral Artery, Percutaneous Approach
04HL43Z	Insertion of Infusion Device into Left Femoral Artery, Percutaneous Endoscopic Approach
04HM03Z	Insertion of Infusion Device into Right Popliteal Artery, Open Approach
04HM33Z	Insertion of Infusion Device into Right Popliteal Artery, Percutaneous Approach
04HM43Z	Insertion of Infusion Device into Right Popliteal Artery, Percutaneous Endoscopic Approach

ICD-10 Procedure Code¹⁰	Description
04HN03Z	Insertion of Infusion Device into Left Popliteal Artery, Open Approach
04HN33Z	Insertion of Infusion Device into Left Popliteal Artery, Percutaneous Approach
04HN43Z	Insertion of Infusion Device into Left Popliteal Artery, Percutaneous Endoscopic Approach
04HP03Z	Insertion of Infusion Device into Right Anterior Tibial Artery, Open Approach
04HP33Z	Insertion of Infusion Device into Right Anterior Tibial Artery, Percutaneous Approach
04HP43Z	Insertion of Infusion Device into Right Anterior Tibial Artery, Percutaneous Endoscopic Approach
04HQ03Z	Insertion of Infusion Device into Left Anterior Tibial Artery, Open Approach
04HQ33Z	Insertion of Infusion Device into Left Anterior Tibial Artery, Percutaneous Approach
04HQ43Z	Insertion of Infusion Device into Left Anterior Tibial Artery, Percutaneous Endoscopic Approach
04HR03Z	Insertion of Infusion Device into Right Posterior Tibial Artery, Open Approach
04HR33Z	Insertion of Infusion Device into Right Posterior Tibial Artery, Percutaneous Approach
04HR43Z	Insertion of Infusion Device into Right Posterior Tibial Artery, Percutaneous Endoscopic Approach
04HS03Z	Insertion of Infusion Device into Left Posterior Tibial Artery, Open Approach
04HS33Z	Insertion of Infusion Device into Left Posterior Tibial Artery, Percutaneous Approach
04HS43Z	Insertion of Infusion Device into Left Posterior Tibial Artery, Percutaneous Endoscopic Approach
04HT03Z	Insertion of Infusion Device into Right Peroneal Artery, Open Approach
04HT33Z	Insertion of Infusion Device into Right Peroneal Artery, Percutaneous Approach
04HT43Z	Insertion of Infusion Device into Right Peroneal Artery, Percutaneous Endoscopic Approach
04HU03Z	Insertion of Infusion Device into Left Peroneal Artery, Open Approach
04HU33Z	Insertion of Infusion Device into Left Peroneal Artery, Percutaneous Approach
04HU43Z	Insertion of Infusion Device into Left Peroneal Artery, Percutaneous Endoscopic Approach
04HV03Z	Insertion of Infusion Device into Right Foot Artery, Open Approach
04HV33Z	Insertion of Infusion Device into Right Foot Artery, Percutaneous Approach
04HV43Z	Insertion of Infusion Device into Right Foot Artery, Percutaneous Endoscopic Approach
04HW03Z	Insertion of Infusion Device into Left Foot Artery, Open Approach
04HW33Z	Insertion of Infusion Device into Left Foot Artery, Percutaneous Approach

ICD-10 Procedure Code ¹⁰	Description
04HW43Z	Insertion of Infusion Device into Left Foot Artery, Percutaneous Endoscopic Approach
04HY03Z	Insertion of Infusion Device into Lower Artery, Open Approach
04HY33Z	Insertion of Infusion Device into Lower Artery, Percutaneous Approach
04HY43Z	Insertion of Infusion Device into Lower Artery, Percutaneous Endoscopic Approach
05H003Z	Insertion of Infusion Device into Azygos Vein, Open Approach
05H033Z	Insertion of Infusion Device into Azygos Vein, Percutaneous Approach
05H043Z	Insertion of Infusion Device into Azygos Vein, Percutaneous Endoscopic Approach
05H103Z	Insertion of Infusion Device into Hemiazygos Vein, Open Approach
05H133Z	Insertion of Infusion Device into Hemiazygos Vein, Percutaneous Approach
05H143Z	Insertion of Infusion Device into Hemiazygos Vein, Percutaneous Endoscopic Approach
05H303Z	Insertion of Infusion Device into Right Innominate Vein, Open Approach
05H333Z	Insertion of Infusion Device into Right Innominate Vein, Percutaneous Approach
05H343Z	Insertion of Infusion Device into Right Innominate Vein, Percutaneous Endoscopic Approach
05H403Z	Insertion of Infusion Device into Left Innominate Vein, Open Approach
05H433Z	Insertion of Infusion Device into Left Innominate Vein, Percutaneous Approach
05H443Z	Insertion of Infusion Device into Left Innominate Vein, Percutaneous Endoscopic Approach
05H503Z	Insertion of Infusion Device into Right Subclavian Vein, Open Approach
05H533Z	Insertion of Infusion Device into Right Subclavian Vein, Percutaneous Approach
05H543Z	Insertion of Infusion Device into Right Subclavian Vein, Percutaneous Endoscopic Approach
05H603Z	Insertion of Infusion Device into Left Subclavian Vein, Open Approach
05H633Z	Insertion of Infusion Device into Left Subclavian Vein, Percutaneous Approach
05H643Z	Insertion of Infusion Device into Left Subclavian Vein, Percutaneous Endoscopic Approach
05H703Z	Insertion of Infusion Device into Right Axillary Vein, Open Approach
05H733Z	Insertion of Infusion Device into Right Axillary Vein, Percutaneous Approach
05H743Z	Insertion of Infusion Device into Right Axillary Vein, Percutaneous Endoscopic Approach
05H803Z	Insertion of Infusion Device into Left Axillary Vein, Open Approach
05H833Z	Insertion of Infusion Device into Left Axillary Vein, Percutaneous Approach

ICD-10 Procedure Code¹⁰	Description
05H843Z	Insertion of Infusion Device into Left Axillary Vein, Percutaneous Endoscopic Approach
05H903Z	Insertion of Infusion Device into Right Brachial Vein, Open Approach
05H933Z	Insertion of Infusion Device into Right Brachial Vein, Percutaneous Approach
05H943Z	Insertion of Infusion Device into Right Brachial Vein, Percutaneous Endoscopic Approach
05HA03Z	Insertion of Infusion Device into Left Brachial Vein, Open Approach
05HA33Z	Insertion of Infusion Device into Left Brachial Vein, Percutaneous Approach
05HA43Z	Insertion of Infusion Device into Left Brachial Vein, Percutaneous Endoscopic Approach
05HB03Z	Insertion of Infusion Device into Right Basilic Vein, Open Approach
05HB33Z	Insertion of Infusion Device into Right Basilic Vein, Percutaneous Approach
05HB43Z	Insertion of Infusion Device into Right Basilic Vein, Percutaneous Endoscopic Approach
05HC03Z	Insertion of Infusion Device into Left Basilic Vein, Open Approach
05HC33Z	Insertion of Infusion Device into Left Basilic Vein, Percutaneous Approach
05HC43Z	Insertion of Infusion Device into Left Basilic Vein, Percutaneous Endoscopic Approach
05HD03Z	Insertion of Infusion Device into Right Cephalic Vein, Open Approach
05HD33Z	Insertion of Infusion Device into Right Cephalic Vein, Percutaneous Approach
05HD43Z	Insertion of Infusion Device into Right Cephalic Vein, Percutaneous Endoscopic Approach
05HF03Z	Insertion of Infusion Device into Left Cephalic Vein, Open Approach
05HF33Z	Insertion of Infusion Device into Left Cephalic Vein, Percutaneous Approach
05HF43Z	Insertion of Infusion Device into Left Cephalic Vein, Percutaneous Endoscopic Approach
05HG03Z	Insertion of Infusion Device into Right Hand Vein, Open Approach
05HG33Z	Insertion of Infusion Device into Right Hand Vein, Percutaneous Approach
05HG43Z	Insertion of Infusion Device into Right Hand Vein, Percutaneous Endoscopic Approach
05HH03Z	Insertion of Infusion Device into Left Hand Vein, Open Approach
05HH33Z	Insertion of Infusion Device into Left Hand Vein, Percutaneous Approach
05HH43Z	Insertion of Infusion Device into Left Hand Vein, Percutaneous Endoscopic Approach

ICD-10 Procedure Code ¹⁰	Description
05HL03Z	Insertion of Infusion Device into Intracranial Vein, Open Approach
05HL33Z	Insertion of Infusion Device into Intracranial Vein, Percutaneous Approach
05HL43Z	Insertion of Infusion Device into Intracranial Vein, Percutaneous Endoscopic Approach
05HM03Z	Insertion of Infusion Device into Right Internal Jugular Vein, Open Approach
05HM33Z	Insertion of Infusion Device into Right Internal Jugular Vein, Percutaneous Approach
05HN43Z	Insertion of Infusion Device into Left Internal Jugular Vein, Percutaneous Endoscopic Approach
05HP03Z	Insertion of Infusion Device into Right External Jugular Vein, Open Approach
05HP33Z	Insertion of Infusion Device into Right External Jugular Vein, Percutaneous Approach
05HP43Z	Insertion of Infusion Device into Right External Jugular Vein, Percutaneous Endoscopic Approach
05HQ03Z	Insertion of Infusion Device into Left External Jugular Vein, Open Approach
05HQ33Z	Insertion of Infusion Device into Left External Jugular Vein, Percutaneous Approach
05HQ43Z	Insertion of Infusion Device into Left External Jugular Vein, Percutaneous Endoscopic Approach
05HR03Z	Insertion of Infusion Device into Right Vertebral Vein, Open Approach
05HR33Z	Insertion of Infusion Device into Right Vertebral Vein, Percutaneous Approach
05HR43Z	Insertion of Infusion Device into Right Vertebral Vein, Percutaneous Endoscopic Approach
05HS03Z	Insertion of Infusion Device into Left Vertebral Vein, Open Approach
05HS33Z	Insertion of Infusion Device into Left Vertebral Vein, Percutaneous Approach
05HS43Z	Insertion of Infusion Device into Left Vertebral Vein, Percutaneous Endoscopic Approach
05HT03Z	Insertion of Infusion Device into Right Face Vein, Open Approach
05HT33Z	Insertion of Infusion Device into Right Face Vein, Percutaneous Approach
05HT43Z	Insertion of Infusion Device into Right Face Vein, Percutaneous Endoscopic Approach
05HV03Z	Insertion of Infusion Device into Left Face Vein, Open Approach
05HV33Z	Insertion of Infusion Device into Left Face Vein, Percutaneous Approach
05HV43Z	Insertion of Infusion Device into Left Face Vein, Percutaneous Endoscopic Approach
05HY03Z	Insertion of Infusion Device into Upper Vein, Open Approach
05HY33Z	Insertion of Infusion Device into Upper Vein, Percutaneous Approach

ICD-10 Procedure Code¹⁰	Description
05HY43Z	Insertion of Infusion Device into Upper Vein, Percutaneous Endoscopic Approach
06H003Z	Insertion of Infusion Device into Inferior Vena Cava, Open Approach
06H033Z	Insertion of Infusion Device into Inferior Vena Cava, Percutaneous Approach
06H043Z	Insertion of Infusion Device into Inferior Vena Cava, Percutaneous Endoscopic Approach
06H103Z	Insertion of Infusion Device into Splenic Vein, Open Approach
06H133Z	Insertion of Infusion Device into Splenic Vein, Percutaneous Approach
06H143Z	Insertion of Infusion Device into Splenic Vein, Percutaneous Endoscopic Approach
06H203Z	Insertion of Infusion Device into Gastric Vein, Open Approach
06H233Z	Insertion of Infusion Device into Gastric Vein, Percutaneous Approach
06H243Z	Insertion of Infusion Device into Gastric Vein, Percutaneous Endoscopic Approach
06H303Z	Insertion of Infusion Device into Esophageal Vein, Open Approach
06H333Z	Insertion of Infusion Device into Esophageal Vein, Percutaneous Approach
06H343Z	Insertion of Infusion Device into Esophageal Vein, Percutaneous Endoscopic Approach
06H403Z	Insertion of Infusion Device into Hepatic Vein, Open Approach
06H433Z	Insertion of Infusion Device into Hepatic Vein, Percutaneous Approach
06H443Z	Insertion of Infusion Device into Hepatic Vein, Percutaneous Endoscopic Approach
06H503Z	Insertion of Infusion Device into Superior Mesenteric Vein, Open Approach
06H533Z	Insertion of Infusion Device into Superior Mesenteric Vein, Percutaneous Approach
06H543Z	Insertion of Infusion Device into Superior Mesenteric Vein, Percutaneous Endoscopic Approach
06H603Z	Insertion of Infusion Device into Inferior Mesenteric Vein, Open Approach
06H633Z	Insertion of Infusion Device into Inferior Mesenteric Vein, Percutaneous Approach
06H643Z	Insertion of Infusion Device into Inferior Mesenteric Vein, Percutaneous Endoscopic Approach
06H703Z	Insertion of Infusion Device into Colic Vein, Open Approach
06H733Z	Insertion of Infusion Device into Colic Vein, Percutaneous Approach
06H743Z	Insertion of Infusion Device into Colic Vein, Percutaneous Endoscopic Approach
06H803Z	Insertion of Infusion Device into Portal Vein, Open Approach

ICD-10 Procedure Code ¹⁰	Description
06H833Z	Insertion of Infusion Device into Portal Vein, Percutaneous Approach
06H843Z	Insertion of Infusion Device into Portal Vein, Percutaneous Endoscopic Approach
06H903Z	Insertion of Infusion Device into Right Renal Vein, Open Approach
06H933Z	Insertion of Infusion Device into Right Renal Vein, Percutaneous Approach
06H943Z	Insertion of Infusion Device into Right Renal Vein, Percutaneous Endoscopic Approach
06HB03Z	Insertion of Infusion Device into Left Renal Vein, Open Approach
06HB33Z	Insertion of Infusion Device into Left Renal Vein, Percutaneous Approach
06HB43Z	Insertion of Infusion Device into Left Renal Vein, Percutaneous Endoscopic Approach
06HC03Z	Insertion of Infusion Device into Right Common Iliac Vein, Open Approach
06HC33Z	Insertion of Infusion Device into Right Common Iliac Vein, Percutaneous Approach
06HC43Z	Insertion of Infusion Device into Right Common Iliac Vein, Percutaneous Endoscopic Approach
06HD03Z	Insertion of Infusion Device into Left Common Iliac Vein, Open Approach
06HD33Z	Insertion of Infusion Device into Left Common Iliac Vein, Percutaneous Approach
06HD43Z	Insertion of Infusion Device into Left Common Iliac Vein, Percutaneous Endoscopic Approach
06HF03Z	Insertion of Infusion Device into Right External Iliac Vein, Open Approach
06HF33Z	Insertion of Infusion Device into Right External Iliac Vein, Percutaneous Approach
06HF43Z	Insertion of Infusion Device into Right External Iliac Vein, Percutaneous Endoscopic Approach
06HG03Z	Insertion of Infusion Device into Left External Iliac Vein, Open Approach
06HG33Z	Insertion of Infusion Device into Left External Iliac Vein, Percutaneous Approach
06HG43Z	Insertion of Infusion Device into Left External Iliac Vein, Percutaneous Endoscopic Approach
06HH03Z	Insertion of Infusion Device into Right Hypogastric Vein, Open Approach
06HH33Z	Insertion of Infusion Device into Right Hypogastric Vein, Percutaneous Approach
06HH43Z	Insertion of Infusion Device into Right Hypogastric Vein, Percutaneous Endoscopic Approach
06HJ03Z	Insertion of Infusion Device into Left Hypogastric Vein, Open Approach
06HJ33Z	Insertion of Infusion Device into Left Hypogastric Vein, Percutaneous Approach
06HJ43Z	Insertion of Infusion Device into Left Hypogastric Vein, Percutaneous Endoscopic Approach

ICD-10 Procedure Code¹⁰	Description
06HM03Z	Insertion of Infusion Device into Right Femoral Vein, Open Approach
06HM33Z	Insertion of Infusion Device into Right Femoral Vein, Percutaneous Approach
06HM43Z	Insertion of Infusion Device into Right Femoral Vein, Percutaneous Endoscopic Approach
06HN03Z	Insertion of Infusion Device into Left Femoral Vein, Open Approach
06HN33Z	Insertion of Infusion Device into Left Femoral Vein, Percutaneous Approach
06HN43Z	Insertion of Infusion Device into Left Femoral Vein, Percutaneous Endoscopic Approach
06HP03Z	Insertion of Infusion Device into Right Saphenous Vein, Open Approach
06HP33Z	Insertion of Infusion Device into Right Saphenous Vein, Percutaneous Approach
06HP43Z	Insertion of Infusion Device into Right Saphenous Vein, Percutaneous Endoscopic Approach
06HQ03Z	Insertion of Infusion Device into Left Saphenous Vein, Open Approach
06HQ33Z	Insertion of Infusion Device into Left Saphenous Vein, Percutaneous Approach
06HQ43Z	Insertion of Infusion Device into Left Saphenous Vein, Percutaneous Endoscopic Approach
06HT03Z	Insertion of Infusion Device into Right Foot Vein, Open Approach
06HT33Z	Insertion of Infusion Device into Right Foot Vein, Percutaneous Approach
06HT43Z	Insertion of Infusion Device into Right Foot Vein, Percutaneous Endoscopic Approach
06HV03Z	Insertion of Infusion Device into Left Foot Vein, Open Approach
06HV33Z	Insertion of Infusion Device into Left Foot Vein, Percutaneous Approach
06HV43Z	Insertion of Infusion Device into Left Foot Vein, Percutaneous Endoscopic Approach
06HY03Z	Insertion of Infusion Device into Lower Vein, Open Approach
06HY33Z	Insertion of Infusion Device into Lower Vein, Percutaneous Approach
06HY43Z	Insertion of Infusion Device into Lower Vein, Percutaneous Endoscopic Approach
0JH60XZ	Insertion of Tunneled Vascular Access Device into Chest Subcutaneous Tissue and Fascia, Open Approach
0JH63XZ	Insertion of Tunneled Vascular Access Device into Chest Subcutaneous Tissue and Fascia, Percutaneous Approach
0JH80XZ	Insertion of Tunneled Vascular Access Device into Abdomen Subcutaneous Tissue and Fascia, Open Approach
0JH83XZ	Insertion of Tunneled Vascular Access Device into Abdomen Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHD0XZ	Insertion of Tunneled Vascular Access Device into Right Upper Arm Subcutaneous Tissue and Fascia, Open Approach

ICD-10 Procedure Code¹⁰	Description
0JHD3XZ	Insertion of Tunneled Vascular Access Device into Right Upper Arm Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHF0XZ	Insertion of Tunneled Vascular Access Device into Left Upper Arm Subcutaneous Tissue and Fascia, Open Approach
0JHF3XZ	Insertion of Tunneled Vascular Access Device into Left Upper Arm Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHG0XZ	Insertion of Tunneled Vascular Access Device into Right Lower Arm Subcutaneous Tissue and Fascia, Open Approach
0JHG3XZ	Insertion of Tunneled Vascular Access Device into Right Lower Arm Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHH0XZ	Insertion of Tunneled Vascular Access Device into Left Lower Arm Subcutaneous Tissue and Fascia, Open Approach
0JHH3XZ	Insertion of Tunneled Vascular Access Device into Left Lower Arm Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHL0XZ	Insertion of Tunneled Vascular Access Device into Right Upper Leg Subcutaneous Tissue and Fascia, Open Approach
0JHL3XZ	Insertion of Tunneled Vascular Access Device into Right Upper Leg Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHN0XZ	Insertion of Tunneled Vascular Access Device into Right Lower Leg Subcutaneous Tissue and Fascia, Open Approach
0JHN3XZ	Insertion of Tunneled Vascular Access Device into Right Lower Leg Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHP0XZ	Insertion of Tunneled Vascular Access Device into Left Lower Leg Subcutaneous Tissue and Fascia, Open Approach
0JHP3XZ	Insertion of Tunneled Vascular Access Device into Left Lower Leg Subcutaneous Tissue and Fascia, Percutaneous Approach
03PY0JZ	Removal of Synthetic Substitute from Upper Artery, Open Approach
03PY3JZ	Removal of Synthetic Substitute from Upper Artery, Percutaneous Approach
03PY4JZ	Removal of Synthetic Substitute from Upper Artery, Percutaneous Endoscopic Approach
03QY0ZZ	Repair Upper Artery, Open Approach
03QY3ZZ	Repair Upper Artery, Percutaneous Approach
03QY4ZZ	Repair Upper Artery, Percutaneous Endoscopic Approach
04QY0ZZ	Repair Lower Artery, Open Approach
04QY3ZZ	Repair Lower Artery, Percutaneous Approach
04QY4ZZ	Repair Lower Artery, Percutaneous Endoscopic Approach
05QY0ZZ	Repair Upper Vein, Open Approach
05QY3ZZ	Repair Upper Vein, Percutaneous Approach

ICD-10 Procedure Code ¹⁰	Description
05QY4ZZ	Repair Upper Vein, Percutaneous Endoscopic Approach
06QY0ZZ	Repair Lower Vein, Open Approach
06QY3ZZ	Repair Lower Vein, Percutaneous Approach
06QY4ZZ	Repair Lower Vein, Percutaneous Endoscopic Approach
03RH07Z	Replacement of Right Common Carotid Artery with Autologous Tissue Substitute, Open Approach
03RH0JZ	Replacement of Right Common Carotid Artery with Synthetic Substitute, Open Approach
03RH0KZ	Replacement of Right Common Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RH47Z	Replacement of Right Common Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RH4JZ	Replacement of Right Common Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RH4KZ	Replacement of Right Common Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RJ07Z	Replacement of Left Common Carotid Artery with Autologous Tissue Substitute, Open Approach
03RJ0JZ	Replacement of Left Common Carotid Artery with Synthetic Substitute, Open Approach
03RJ0KZ	Replacement of Left Common Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RJ4KZ	Replacement of Left Common Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RK07Z	Replacement of Right Internal Carotid Artery with Autologous Tissue Substitute, Open Approach
03RK0JZ	Replacement of Right Internal Carotid Artery with Synthetic Substitute, Open Approach
03RK47Z	Replacement of Right Internal Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RK4JZ	Replacement of Right Internal Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RK4KZ	Replacement of Right Internal Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RL07Z	Replacement of Left Internal Carotid Artery with Autologous Tissue Substitute, Open Approach
03RL0JZ	Replacement of Left Internal Carotid Artery with Synthetic Substitute, Open Approach
03RL0KZ	Replacement of Left Internal Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RL47Z	Replacement of Left Internal Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RL4JZ	Replacement of Left Internal Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RL4KZ	Replacement of Left Internal Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach

ICD-10 Procedure Code¹⁰	Description
03RM07Z	Replacement of Right External Carotid Artery with Autologous Tissue Substitute, Open Approach
03RM0JZ	Replacement of Right External Carotid Artery with Synthetic Substitute, Open Approach
03RM0KZ	Replacement of Right External Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RM47Z	Replacement of Right External Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RM4JZ	Replacement of Right External Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RM4KZ	Replacement of Right External Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RN07Z	Replacement of Left External Carotid Artery with Autologous Tissue Substitute, Open Approach
05QY0ZZ	Repair Upper Vein, Open Approach
05QY3ZZ	Repair Upper Vein, Percutaneous Approach
05QY4ZZ	Repair Upper Vein, Percutaneous Endoscopic Approach
06QY0ZZ	Repair Lower Vein, Open Approach
06QY3ZZ	Repair Lower Vein, Percutaneous Approach
06QY4ZZ	Repair Lower Vein, Percutaneous Endoscopic Approach
03RH07Z	Replacement of Right Common Carotid Artery with Autologous Tissue Substitute, Open Approach
03RH0JZ	Replacement of Right Common Carotid Artery with Synthetic Substitute, Open Approach
03RH47Z	Replacement of Right Common Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RH4KZ	Replacement of Right Common Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RJ07Z	Replacement of Left Common Carotid Artery with Autologous Tissue Substitute, Open Approach
03RJ0JZ	Replacement of Left Common Carotid Artery with Synthetic Substitute, Open Approach
03RJ0KZ	Replacement of Left Common Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RJ47Z	Replacement of Left Common Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RJ4KZ	Replacement of Left Common Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RK07Z	Replacement of Right Internal Carotid Artery with Autologous Tissue Substitute, Open Approach
03RK0JZ	Replacement of Right Internal Carotid Artery with Synthetic Substitute, Open Approach
03RK0KZ	Replacement of Right Internal Carotid Artery with Nonautologous Tissue Substitute, Open Approach

ICD-10 Procedure Code¹⁰	Description
03RK47Z	Replacement of Right Internal Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RK4JZ	Replacement of Right Internal Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RK4KZ	Replacement of Right Internal Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RL07Z	Replacement of Left Internal Carotid Artery with Autologous Tissue Substitute, Open Approach
03RL0JZ	Replacement of Left Internal Carotid Artery with Synthetic Substitute, Open Approach
03RL0KZ	Replacement of Left Internal Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RL47Z	Replacement of Left Internal Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RL4JZ	Replacement of Left Internal Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RL4KZ	Replacement of Left Internal Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RM07Z	Replacement of Right External Carotid Artery with Autologous Tissue Substitute, Open Approach
03RM0JZ	Replacement of Right External Carotid Artery with Synthetic Substitute, Open Approach
03RM0KZ	Replacement of Right External Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RM47Z	Replacement of Right External Carotid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RM4JZ	Replacement of Right External Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RM4KZ	Replacement of Right External Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RN07Z	Replacement of Left External Carotid Artery with Autologous Tissue Substitute, Open Approach
03RN0JZ	Replacement of Left External Carotid Artery with Synthetic Substitute, Open Approach
03RN0KZ	Replacement of Left External Carotid Artery with Nonautologous Tissue Substitute, Open Approach
03RN4JZ	Replacement of Left External Carotid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RN4KZ	Replacement of Left External Carotid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RP07Z	Replacement of Right Vertebral Artery with Autologous Tissue Substitute, Open Approach
03RP0JZ	Replacement of Right Vertebral Artery with Synthetic Substitute, Open Approach
03RP0KZ	Replacement of Right Vertebral Artery with Nonautologous Tissue Substitute, Open Approach
03RP47Z	Replacement of Right Vertebral Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RP4JZ	Replacement of Right Vertebral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach

ICD-10 Procedure Code ¹⁰	Description
03RP4KZ	Replacement of Right Vertebral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RQ0JZ	Replacement of Left Vertebral Artery with Synthetic Substitute, Open Approach
03RQ0KZ	Replacement of Left Vertebral Artery with Nonautologous Tissue Substitute, Open Approach
03RQ47Z	Replacement of Left Vertebral Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RQ4JZ	Replacement of Left Vertebral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RQ4KZ	Replacement of Left Vertebral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RR07Z	Replacement of Face Artery with Autologous Tissue Substitute, Open Approach
03RR0JZ	Replacement of Face Artery with Synthetic Substitute, Open Approach
03RR0KZ	Replacement of Face Artery with Nonautologous Tissue Substitute, Open Approach
03RR47Z	Replacement of Face Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RR4JZ	Replacement of Face Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RR4KZ	Replacement of Face Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RS07Z	Replacement of Right Temporal Artery with Autologous Tissue Substitute, Open Approach
03RS0JZ	Replacement of Right Temporal Artery with Synthetic Substitute, Open Approach
03RS0KZ	Replacement of Right Temporal Artery with Nonautologous Tissue Substitute, Open Approach
03RS47Z	Replacement of Right Temporal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RS4JZ	Replacement of Right Temporal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RS4KZ	Replacement of Right Temporal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RT07Z	Replacement of Left Temporal Artery with Autologous Tissue Substitute, Open Approach
03RT0JZ	Replacement of Left Temporal Artery with Synthetic Substitute, Open Approach
03RT0KZ	Replacement of Left Temporal Artery with Nonautologous Tissue Substitute, Open Approach
03RT47Z	Replacement of Left Temporal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RT4JZ	Replacement of Left Temporal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RT4KZ	Replacement of Left Temporal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RU07Z	Replacement of Right Thyroid Artery with Autologous Tissue Substitute, Open Approach

ICD-10 Procedure Code¹⁰	Description
03RU0JZ	Replacement of Right Thyroid Artery with Synthetic Substitute, Open Approach
03RU0KZ	Replacement of Right Thyroid Artery with Nonautologous Tissue Substitute, Open Approach
03RU47Z	Replacement of Right Thyroid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RU4JZ	Replacement of Right Thyroid Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
03RU4KZ	Replacement of Right Thyroid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03RV07Z	Replacement of Left Thyroid Artery with Autologous Tissue Substitute, Open Approach
03RV0JZ	Replacement of Left Thyroid Artery with Synthetic Substitute, Open Approach
03RV0KZ	Replacement of Left Thyroid Artery with Nonautologous Tissue Substitute, Open Approach
03RV47Z	Replacement of Left Thyroid Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
03RV4KZ	Replacement of Left Thyroid Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RM07Z	Replacement of Right Internal Jugular Vein with Autologous Tissue Substitute, Open Approach
05RM0JZ	Replacement of Right Internal Jugular Vein with Synthetic Substitute, Open Approach
05RM0KZ	Replacement of Right Internal Jugular Vein with Nonautologous Tissue Substitute, Open Approach
05RM47Z	Replacement of Right Internal Jugular Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RM4JZ	Replacement of Right Internal Jugular Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RM4KZ	Replacement of Right Internal Jugular Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RN07Z	Replacement of Left Internal Jugular Vein with Autologous Tissue Substitute, Open Approach
05RN0JZ	Replacement of Left Internal Jugular Vein with Synthetic Substitute, Open Approach
05RN0KZ	Replacement of Left Internal Jugular Vein with Nonautologous Tissue Substitute, Open Approach
05RN47Z	Replacement of Left Internal Jugular Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RN4JZ	Replacement of Left Internal Jugular Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RN4KZ	Replacement of Left Internal Jugular Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RP07Z	Replacement of Right External Jugular Vein with Autologous Tissue Substitute, Open Approach
05RP0JZ	Replacement of Right External Jugular Vein with Synthetic Substitute, Open Approach
05RP0KZ	Replacement of Right External Jugular Vein with Nonautologous Tissue Substitute, Open Approach

ICD-10 Procedure Code¹⁰	Description
05RP47Z	Replacement of Right External Jugular Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RP4JZ	Replacement of Right External Jugular Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RP4KZ	Replacement of Right External Jugular Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RQ07Z	Replacement of Left External Jugular Vein with Autologous Tissue Substitute, Open Approach
05RQ0JZ	Replacement of Left External Jugular Vein with Synthetic Substitute, Open Approach
05RQ0KZ	Replacement of Left External Jugular Vein with Nonautologous Tissue Substitute, Open Approach
05RQ47Z	Replacement of Left External Jugular Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RQ4JZ	Replacement of Left External Jugular Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RQ4KZ	Replacement of Left External Jugular Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RR07Z	Replacement of Right Vertebral Vein with Autologous Tissue Substitute, Open Approach
05RR0JZ	Replacement of Right Vertebral Vein with Synthetic Substitute, Open Approach
05RR0KZ	Replacement of Right Vertebral Vein with Nonautologous Tissue Substitute, Open Approach
05RR47Z	Replacement of Right Vertebral Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RR4JZ	Replacement of Right Vertebral Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RR4KZ	Replacement of Right Vertebral Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RS07Z	Replacement of Left Vertebral Vein with Autologous Tissue Substitute, Open Approach
05RS0JZ	Replacement of Left Vertebral Vein with Synthetic Substitute, Open Approach
05RS0KZ	Replacement of Left Vertebral Vein with Nonautologous Tissue Substitute, Open Approach
05RS47Z	Replacement of Left Vertebral Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RS4JZ	Replacement of Left Vertebral Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RS4KZ	Replacement of Left Vertebral Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RT07Z	Replacement of Right Face Vein with Autologous Tissue Substitute, Open Approach
05RT0JZ	Replacement of Right Face Vein with Synthetic Substitute, Open Approach
05RT0KZ	Replacement of Right Face Vein with Nonautologous Tissue Substitute, Open Approach
05RT47Z	Replacement of Right Face Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RT4JZ	Replacement of Right Face Vein with Synthetic Substitute, Percutaneous Endoscopic Approach

ICD-10 Procedure Code¹⁰	Description
05RT4KZ	Replacement of Right Face Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
05RV07Z	Replacement of Left Face Vein with Autologous Tissue Substitute, Open Approach
05RV0JZ	Replacement of Left Face Vein with Synthetic Substitute, Open Approach
05RV0KZ	Replacement of Left Face Vein with Nonautologous Tissue Substitute, Open Approach
05RV47Z	Replacement of Left Face Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
05RV4JZ	Replacement of Left Face Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
05RV4KZ	Replacement of Left Face Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
06R307Z	Replacement of Esophageal Vein with Autologous Tissue Substitute, Open Approach
06R30JZ	Replacement of Esophageal Vein with Synthetic Substitute, Open Approach
06R30KZ	Replacement of Esophageal Vein with Nonautologous Tissue Substitute, Open Approach
06R347Z	Replacement of Esophageal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach
06R34JZ	Replacement of Esophageal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach
06R34KZ	Replacement of Esophageal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
03WY0JZ	Revision of Synthetic Substitute in Upper Artery, Open Approach
03WY3JZ	Revision of Synthetic Substitute in Upper Artery, Percutaneous Approach
03WY4JZ	Revision of Synthetic Substitute in Upper Artery, Percutaneous Endoscopic Approach
03WYXJZ	Revision of Synthetic Substitute in Upper Artery, External Approach

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References

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4. For all Medicare payments for physician, hospital outpatient, and ASC services, the multiple procedure reduction rule may apply. Consult with coding and billing staff, and payer policy for further guidance. Medicare Physician Fee Schedule and Other Revisions to Part B (CMS-17841-F, Vol 88, No. 220; November 16, 2023); Addendum B. All MPFS Fee Schedules calculated using CF of \$33.2875 effective March 9, 2024. Source for Medicare national HOPD and ASC payments: (CMS-1786-F, Vol. 88, No. 224; November 22, 2023); Addendum B and Final ASC Addenda AA. Medicare National payment is not based on factors such as geography, 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 on or after January 1, 2024.
5. Report CPT code 35390 in addition to 35301 for reoperation on the carotid artery involving repeat thromboendarterectomy more than one month after the original operation.
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7. Report CPT codes 37211-37214 once per date of treatment.
8. National Uniform Billing Committee, American Hospital Association.
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10. International Classification of Diseases, 10th Revision, Procedure Coding System FY2024.
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