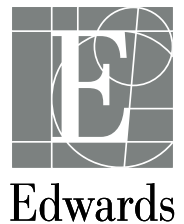


# 2024 Facility and Physician Billing Guide

Critical Care Products



## 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). Some commonly billed CPT codes used to describe procedures related to Edwards Lifesciences' Critical Care technologies (e.g., Swan-Ganz catheter, FloTrac sensor, ClearSight finger cuff, Acumen IQ sensor, and PediaSat oximetry catheters) 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 payment 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 Code	Description	Medicare National Physician Facility Payment <sup>3</sup>
36555	Insertion of non-tunneled centrally inserted central venous catheter; younger than 5 years of age.	\$83
36556	Insertion of non-tunneled centrally inserted central venous catheter; age 5 years or older.	\$83
36620	Arterial catheterization or cannulation for sampling, monitoring or transfusion (separate procedure); percutaneous.	\$43
93503	Insertion and placement of flow directed catheter (e.g., Swan-Ganz) for monitoring purposes.	\$86
99221	Initial hospital care, per day, for the evaluation and management of a patient, which requires these 3 key components: a detailed or comprehensive history; a detailed or comprehensive examination; and medical decision making that is straightforward or of low complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the problem(s) requiring admission are of low severity. Typically, 30 minutes are spent at the bedside and on the patient's hospital floor or unit.	\$82
99222	Initial hospital care, per day, for the evaluation and management of a patient, which requires these 3 key components: a comprehensive history; a comprehensive examination; and medical decision making of moderate complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the problem(s) requiring admission are of moderate severity.	\$129
99223	Initial hospital care, per day, for the evaluation and management of a patient, which requires these 3 key components: a comprehensive history; a comprehensive examination; and medical decision making of high complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the problem(s) requiring admission are of high severity.	\$171
99231	Subsequent hospital care, per day, for the evaluation and management of a patient, which requires at least 2 of these 3 key components: a problem focused interval history; a problem focused examination; medical decision making that is straightforward or of low complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the patient is stable, recovering or improving. Typically, 15 minutes are spent at the bedside and on the patient's hospital floor or unit.	\$49

CPT Code	Description	Medicare National Physician Facility Payment <sup>3</sup>
99232	Subsequent hospital care, per day, for the evaluation and management of a patient, which requires at least 2 of these 3 key components: an expanded problem focused interval history; an expanded problem focused examination; medical decision making of moderate complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the patient is responding inadequately to therapy or has developed a minor complication. Typically, 25 minutes are spent at the bedside and on the patient's hospital floor or unit.	\$78
99233	Subsequent hospital care, per day, for the evaluation and management of a patient, which requires at least 2 of these 3 key components: a detailed interval history; a detailed examination; medical decision making of high complexity. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Usually, the patient is unstable or has developed a significant complication or a significant new problem. Typically, 35 minutes are spent at the bedside and on the patient's hospital floor or unit.	\$117
99291	Critical care evaluation and management of the critically ill or critically injured patient, first 30-74 minutes.	\$210
+99292	Critical care evaluation and management of the critically ill or critically injured patient, each additional 30 minutes (List separately in addition to code for primary service) <sup>4</sup> .	\$106

## Revenue Codes<sup>5</sup> and HCPCS Codes

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 for some of Edwards Lifesciences' Critical Care technologies for payer reporting or cost accounting purposes as expenses within Revenue Code 0278 (Medical/Surgical Supplies and Devices—Other Implants) on the hospital's UB-04 billing form.

HCPCS C-codes do not apply to inpatient surgical procedures.

# 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 <sup>6</sup>	Description
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
02H633Z	Insertion of Infusion Device into Right Atrium, Percutaneous Approach
02HK33Z	Insertion of Infusion Device into Right Ventricle, Percutaneous 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
02HW03Z	Insertion of Infusion Device into Thoracic Aorta, Descending, Open Approach
02HW33Z	Insertion of Infusion Device into Thoracic Aorta, Descending, Percutaneous Approach

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
03H743Z	Insertion of Infusion Device into Right Brachial Artery, Percutaneous Endoscopic Approach
03H803Z	Insertion of Infusion Device into Left Brachial Artery, Open Approach

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
03HS03Z	Insertion of Infusion Device into Right Temporal Artery, Open Approach
03HS33Z	Insertion of Infusion Device into Right Temporal Artery, Percutaneous Approach

ICD-10 Procedure Code <sup>6</sup>	Description
03HS43Z	Insertion of Infusion Device into Right Temporal Artery, Percutaneous Endoscopic Approach
03HT03Z	Insertion of Infusion Device into Left Temporal Artery, Open 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
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



<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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
05H033Z	Insertion of Infusion Device into Azygos Vein, Percutaneous Approach

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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
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
05HM43Z	Insertion of Infusion Device into Right Internal Jugular Vein, Percutaneous Endoscopic Approach
05HN03Z	Insertion of Infusion Device into Left Internal Jugular Vein, Open Approach

ICD-10 Procedure Code <sup>6</sup>	Description
05HN33Z	Insertion of Infusion Device into Left 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
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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

<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
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
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



<b>ICD-10 Procedure Code<sup>6</sup></b>	<b>Description</b>
06HP03Z	Insertion of Infusion Device into Right Saphenous Vein, Open 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
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

ICD-10 Procedure Code <sup>6</sup>	Description
0JHH3XZ	Insertion of Tunneled Vascular Access Device into Left Lower Arm Subcutaneous Tissue and Fascia, Percutaneous Approach
0JHLOXZ	Insertion of Tunneled Vascular Access Device into Right Upper Leg Subcutaneous Tissue and Fascia, Open Approach
0JHM0XZ	Insertion of Tunneled Vascular Access Device into Left Upper Leg Subcutaneous Tissue and Fascia, Open Approach
0JHM3XZ	Insertion of Tunneled Vascular Access Device into Left 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
02HP00Z	Insertion of Pressure Sensor Monitoring Device into Pulmonary Trunk, Open Approach
02HP02Z	Insertion of Monitoring Device into Pulmonary Trunk, Open Approach
HP30Z	Insertion of Pressure Sensor Monitoring Device into Pulmonary Trunk, Percutaneous Approach
02HP32Z	Insertion of Monitoring Device into Pulmonary Trunk, Percutaneous Approach
02HP40Z	Insertion of Pressure Sensor Monitoring Device into Pulmonary Trunk, Percutaneous Endoscopic Approach
02HP42Z	Insertion of Monitoring Device into Pulmonary Trunk, Percutaneous Endoscopic Approach
02HQ00Z	Insertion of Pressure Sensor Monitoring Device into Right Pulmonary Artery, Open Approach
02HQ02Z	Insertion of Monitoring Device into Right Pulmonary Artery, Open Approach
02HQ30Z	Insertion of Pressure Sensor Monitoring Device into Right Pulmonary Artery, Percutaneous Approach
02HQ32Z	Insertion of Monitoring Device into Right Pulmonary Artery, Percutaneous Approach
02HQ40Z	Insertion of Pressure Sensor Monitoring Device into Right Pulmonary Artery, Percutaneous Endoscopic Approach
2HQ42Z	Insertion of Monitoring Device into Right Pulmonary Artery, Percutaneous Endoscopic Approach
02HR00Z	Insertion of Pressure Sensor Monitoring Device into Left Pulmonary Artery, Open Approach
02HR02Z	Insertion of Monitoring Device into Left Pulmonary Artery, Open Approach
02HR30Z	Insertion of Pressure Sensor Monitoring Device into Left Pulmonary Artery, Percutaneous Approach
02HR32Z	Insertion of Monitoring Device into Left Pulmonary Artery, Percutaneous Approach
02HR40Z	Insertion of Pressure Sensor Monitoring Device into Left Pulmonary Artery, Percutaneous Endoscopic Approach

ICD-10 Procedure Code <sup>6</sup>	Description
02HR42Z	Insertion of Monitoring Device into Left Pulmonary Artery, Percutaneous Endoscopic Approach
4A0239Z	Measurement of Cardiac Output, Percutaneous Approach
4A030JC	Measurement of Arterial Pulse, Coronary, Open Approach
4A033JC	Measurement of Arterial Pulse, Coronary, Percutaneous Approach
4A04XB1	Measurement of Venous Pressure, Peripheral, External Approach
4A1209Z	Monitoring of Cardiac Output, Open Approach
4A1239Z	Monitoring of Cardiac Output, Percutaneous Approach
4A13XR1	Monitoring of Arterial Saturation, Peripheral, External Approach
4A14XB1	Monitoring of Venous Pressure, Peripheral, External Approach

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