

Transcatheter Peripheral Embolization or Occlusion Services

2024 CODING AND REIMBURSEMENT GUIDE

Coverage, coding and payment for medical procedures and devices can be confusing. This guide was developed to assist with Medicare reporting and reimbursement when performing transcatheter peripheral embolization or occlusion procedures. If you have any questions, please contact our reimbursement team at 833.585.2688 or by e-mail at Reimbursement@cookmedical.com.

Coverage

Medicare carriers may issue local coverage decisions (LCDs) listing criteria that must be met prior to coverage. Physicians are urged to review these policies (<https://www.cms.gov/medicare-coverage-database/search.aspx>) and contact their carriers' medical directors (www.cms.hhs.gov/apps/contacts) or commercial insurers to determine if a procedure is covered.

Coding

The following CPT® codes are bundled codes, which include all radiological supervision and interpretation; intra-procedural guidance and roadmapping; and imaging to document the completion of the procedure.

- Codes for vessel selection, non-selective/selective (if used consistent with coding guidelines) catheter placement, and ultrasound guidance for vascular access should be reported in addition to the code(s) for the therapeutic aspect of the procedure.¹
- Only one embolization code should be reported for each surgical field (ie, the area immediately surrounding and directly involved in a treatment/procedure).¹
- Diagnostic angiography may also be separately reported when performed according to coding guidelines for diagnostic angiography during endovascular procedures. This service should be reported with an appropriate modifier (eg, modifier 59).¹

Embolization or Occlusion

37241	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; venous, other than hemorrhage (eg, congenital or acquired venous malformations, venous and capillary hemangiomas, varices, varicoceles)
37242	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; arterial, other than hemorrhage or tumor (eg, congenital or acquired arterial malformations, arteriovenous malformations, arteriovenous fistulas, aneurysms, pseudoaneurysms)
37243	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction
37244	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for arterial or venous hemorrhage or lymphatic extravasation

- When a stent is placed for the purpose of providing a latticework for deployment of embolization coils, such as for embolization of an aneurysm, the embolization code (37241-37244) is reported and not the stent code (37236-37239). If a stent is deployed as the sole management of an aneurysm, pseudoaneurysm, or vascular extravasation, then the stent deployment code should be reported and not the embolization code.¹
- Separate CPT® codes exist for central nervous system (61624) and non-central nervous system head or neck (61626).

¹ American Medical Association. Vascular Embolization and Occlusion. In: *CPT 2024 Professional Edition*. Chicago, IL: American Medical Association; 2023:325-326.



Disclaimer: The information provided herein reflects Cook's understanding of the procedure(s) and/or device(s) from sources that may include, but are not limited to, the CPT coding system; Medicare payment systems; commercially available coding guides; professional societies; and research conducted by independent coding and reimbursement consultants. This information should not be construed as authoritative. The entity billing Medicare and/or third party payers is solely responsible for the accuracy of the codes assigned to the services and items in the medical record. Cook does not, and should not, have access to medical records, and therefore cannot recommend codes for specific cases. When you are making coding decisions, we encourage you to seek input from the AMA, relevant medical societies, CMS, your local Medicare Administrative Contractor and other health plans to which you submit claims. Cook does not promote the off-label use of its devices.

Payment

2024 Medicare Reimbursement for Transcatheter Embolization or Occlusion Services

CPT Code	Procedure Description	Ambulatory Surgery Center	Outpatient Hospital		Physician Services	
		Facility Payment (National Medicare Avg ²)	APC	Facility Payment (National Medicare Avg ³)	Fee When Procedure Is Performed in Hospital or ASC (National Medicare Avg ⁴)	Fee When Procedure Is Performed in Office (National Medicare Avg ⁴)
37241	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; venous, other than hemorrhage (eg, congenital or acquired venous malformations, venous and capillary hemangiomas, varices, varicoceles)	\$6,107.85	5193	\$10,492.72	\$406.96	\$4,441.51
37242	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; arterial, other than hemorrhage or tumor (eg, congenital or acquired arterial malformations, arteriovenous malformations, arteriovenous fistulas, aneurysms, pseudoaneurysms)	\$11,285.74	5194	\$16,724.70	\$453.12	\$6,788.97
37243	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction	\$4,847.61	5193	\$10,492.72	\$532.35	\$8,226.91
37244	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for arterial or venous hemorrhage or lymphatic extravasation	Not payable in the ASC setting.	5193	\$10,492.72	\$627.63	\$6,284.77

² 2024 Medicare Ambulatory Surgery Center (ASC) Fee Schedule

³ 2024 Medicare Hospital Outpatient Prospective Payment System (OPPS) Fee Schedule

⁴ 2024 Medicare Physician Fee Schedule

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2024 physician fees for your local area can be found at the following CMS links:

<https://www.cms.gov/apps/physician-fee-schedule/overview.aspx>

or

<https://www.cms.gov/medicare/payment/fee-schedules/physician>



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