



ENROUTE™ TCAR System Coding Alert

Effective **October 1, 2025**, a new ICD-10-PCS code, **5A05A6Q**, will be implemented specifically for the **ENROUTE Transcarotid Neuroprotection System**.¹

Overview of ENROUTE Transcarotid Neuroprotection System

The ENROUTE Transcarotid Neuroprotection System (NPS) is a device used to protect the brain during a carotid artery stenting procedure. It temporarily reverses blood flow away from the brain, collecting any potential debris in the device filter, before returning the blood to a vessel in the leg.

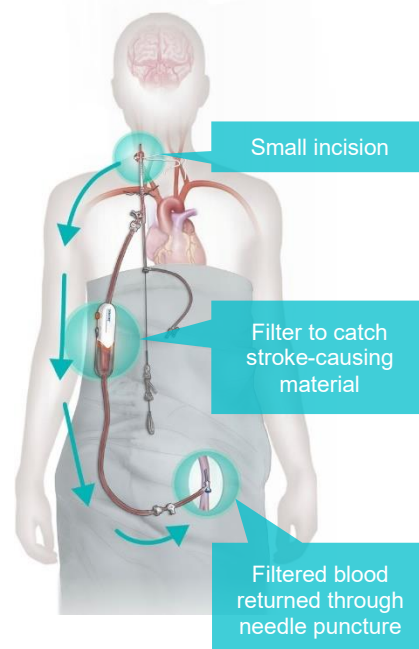
Understanding ENROUTE TCAR System Coding

The ENROUTE TCAR System requires coding for two distinct components: **carotid stenting** and **reverse flow embolic neuroprotection**.

- The existing carotid stenting code, **037(H/J/K/L)3(D/E/F/G)Z**, will remain unchanged.
- To accurately code for the full ENROUTE TCAR System procedure, both ICD-10-PCS codes (**037(H/J/K/L)3(D/E/F/G)Z** and **5A05A6Q**) will be required beginning October 1, 2025.

Action Required

Please inform relevant hospital coders of this ICD-10-PCS coding change for the ENROUTE Transcarotid Neuroprotection System, which applies to discharges and patient encounters between October 1, 2025 – September 30, 2026.



All hospital inpatient claims must include the appropriate ICD-10-PCS codes to report the procedures performed. The table below contains the ENROUTE™ TCAR procedure, that has two distinct ICD-10-PCS codes: one for carotid stenting and another for reverse flow embolic neuroprotection. Use both ICD-10-PCS code sets to accurately reflect the procedure performed.

ENROUTE TCAR System: ICD-10-PCS Codes (Effective October 1, 2025)

Procedure	ICD-10-PCS Code	Code Description
Carotid Stenting	037(H/J/K/L)3(D/E/F/G)Z	Percutaneous dilation of vessel using an intraluminal device
Reverse Flow Embolic Neuroprotection	5A05A6Q	Intraoperative cerebral embolic filtration, extracorporeal flow reversal circuit

Fourth Character: H - Common Carotid Artery, Right, J - Common Carotid Artery, Left, K - Internal Carotid Artery, Right, L - Internal Carotid Artery, Left
Sixth Character: D - Intraluminal Device, E - Intraluminal Device (2), F - Intraluminal Device (3), G - Intraluminal Device (4+)

¹ ICD-10 | CMS. Cms.gov. <https://www.cms.gov/medicare/coding-billing/icd-10-codes#:~:text=Medicare%20or%20Medicaid,ICD%2D10%20Files,2025%20%E2%80%93%20September%2030%2C%202026>.

ENROUTE Transcarotid Neuroprotection System: ICD-10-PCS Codes Transition

This table outlines the transition to a single, non-laterality-specific ICD-10-PCS code for the ENROUTE Transcarotid Neuroprotection System, replacing prior right and left carotid artery codes.

Current Codes (thru September 30, 2025)	New Code (effective October 1, 2025)
X2AH336 Cerebral Embolic Filtration, Extracorporeal Flow Reversal Circuit, Common Carotid Artery, Right , Percutaneous Approach, New Technology Group 6	5A05A6Q Intraoperative Cerebral Embolic Filtration, Extracorporeal Flow Reversal Circuit
X2AJ336 Cerebral Embolic Filtration, Extracorporeal Flow Reversal Circuit, Common Carotid Artery, Left , Percutaneous Approach, New Technology Group 6.	Note: This new code does not specify laterality (left or right common carotid artery).

ENROUTE Transcarotid Stent System
INTENDED USE/INDICATIONS FOR USE The ENROUTE® Transcarotid Stent System used in conjunction with the ENROUTE Transcarotid Neuroprotection System (NPS) is indicated for the treatment of patients at high risk and standard risk for adverse events from carotid endarterectomy, who require carotid revascularization and meet the criteria outlined below: High Risk | Standard Risk With neurological symptoms: $\geq 50\%$ stenosis of the common or internal carotid artery by ultrasound or angiogram | $\geq 70\%$ stenosis of the common or internal carotid artery by ultrasound or $\geq 50\%$ stenosis of the common or internal carotid artery by angiogram Without neurological symptoms: $\geq 80\%$ stenosis of the common or internal carotid artery by ultrasound or angiogram | $\geq 70\%$ stenosis of the common or internal carotid artery by ultrasound or $\geq 60\%$ stenosis of the common or internal carotid artery by angiogram Reference vessel diameter: Must be within 4.0 mm – 9.0 mm at the target lesion Carotid bifurcation location: Minimum 5 cm above the clavicle to allow for placement of the ENROUTE Transcarotid NPS

ENROUTE Transcarotid Neuroprotection System
INTENDED USE/INDICATIONS FOR USE The ENROUTE Transcarotid Neuroprotection System (ENROUTE Transcarotid NPS) is intended to provide transcarotid vascular access, introduction of diagnostic agents and therapeutic devices, and embolic protection during carotid artery angioplasty and stenting procedures for patients diagnosed with carotid artery stenosis and who have appropriate anatomy described below: • Adequate femoral venous access • Common carotid artery reference diameter of at least 6 mm • Carotid bifurcation is a minimum of 5 cm above the clavicle as measured by duplex Doppler ultrasound (DUS) or computerized axial tomography (CT) angiography or magnetic resonance (MR) angiography.

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