

Carotid artery stents that involve the carotid bifurcation or are isolated to the internal, external, or common carotid artery that may be performed by percutaneous or open (cut down) approach. Complete inclusion/exclusion criteria available upon request by emailing: pathwayssupport@fivoshealth.com.

OVERVIEW OF CAS COMPONENTS

BASIC INFO

PHI (Date of Birth, Birth Sex, Race, etc.)/Insurance/Zip code/Procedure date/ Surgeon/ Assistant(s)

DEMOGRAPHICS

Smoking history/ Co-morbidities /Stress testing/Ambulatory status/Functional status/ Hemoglobin/ Creatinine/ Pre-procedure medications including but not limited to : Antiplatelet/ Statin/ Beta Blocker/ACE Inhibitor; ARB/ Chronic Anticoagulation

HISTORY

Prior Central Nervous System (CNS) events/Rankin score if history of prior stroke/History of prior neck radiation /High risk for Carotid endarterectomy(CEA) /Refusal for CEA /Prior Vascular History
Study Results: Duplex/MRA/CTA/Arteriogram

PROCEDURE

COVID status/Urgency/Anesthesia type/ASA class/Arch type/Number of lesions treated/ Lesion type /Protection device details/Balloon and stent details/
Procedure details including intra-procedural medications/Approach/ Flow reversal time

POST-PROCEDURE

New CNS event/ Post op Rankin score if new stroke/Complications /Discharge Medications/ Discharge status/Death if applicable

30-DAY FOLLOW-UP (optional)

Captured within 30 days from discharge/ Admission status since discharge/Reason for readmission if applicable /Reintervention related to primary procedure if applicable

LTFU

Captured between 9-21 Months: Current smoking status/Living status/Mortality/ Medications/Cardiac or CNS events/Duplex or other imaging findings/Any re-intervention

REGIONAL REPORTS (BI-ANNUAL) Link to sample report

What is reported (including but not limited to):

Center level comparisons to Regional and National data/ Risk Adjusted asymptomatic and symptomatic Transfemoral (TFEM) and Transcarotid Artery Revascularization (TCAR) Carotid Artery Stenting for stroke and death / Over All LTFU completion /Discharge Medications/Case Volumes

Link to sample report: <https://www.vqi.org/wp-content/uploads/Sample-Regional-Report-Fall-2023.html>

BENCHMARK REPORTS (QUARTERLY)

What is reported (including but not limited to):

Center level comparisons to Regional and National data/TFEM and TCAR asymptomatic and symptomatic measures are reported separately/ Case Volumes/ LOS/ Post procedure adverse events/ Protamine use/Vasopressor use/Discharge medications /Discharge Status

Link to sample report: <https://www.vqi.org/wp-content/uploads/Sample-Dashboard-Fall-2023.html>