



Carotid Follow-Up Report Dictionary

This data dictionary is the data dictionary for both 30-day and 1-year follow up-forms related to Carotid procedures.

For any follow-up form to be counted as complete and included in the follow-up report, a minimum of current living status and four other fields are marked with a response other than 'Not Documented.'

The Discharge Status of Death will exclude forms due at 30-days from the numerator and denominator.

The Discharge Status of Death OR Current Living Status of Dead on the 30-Day follow-up form will exclude forms due at 1-year from the numerator and denominator.

Patients Enrolled

The number of discharges containing a carotid procedure (CEA or CAS) for the report timeframe. The numerator and denominator are the same figure, so the percentage will always be 100%. This figure acts as a baseline for the other indicators in the report.

Forms Due

The number of follow-up forms due, as of the date the report is generated.

At 30 days: The numerator is the total number of Carotid (CEA and CAS) follow-up forms due in the given time period. The denominator is the total number of Carotid (CEA and CAS) discharges in the given time period. A discharge status of Death excludes the form from the numerator and denominator.

At 1 year: The numerator is the total number of Carotid (CEA and CAS) follow-up forms due in the given time period. The denominator is the total number of Carotid (CEA or CAS) discharges in the given time period. A discharge status of Death or Current Living Status of Dead on the 30-day follow-up form excludes the form from the numerator and denominator.

See the Forms Completed definition below for the definition of a completed form.

Forms Completed

The numerator is the number of carotid follow-up forms that were completed, as of the date the report was run, with a sufficient number of responses to be deemed complete.

The denominator is the number of carotid follow-up Forms Due, as of the date the report was run.

Note:

- A completed form is defined as one in which at least the Current Living Status and four other fields are marked with a response other than 'Not Documented'.
- A discharge status of Death or Current Living Status of Dead will exclude the discharge from the numerator and denominator.

30-Day Follow-up Forms Completed goal is $\geq 80\%$

1-Year Follow-up Forms Completed goal is $\geq 80\%$

Current Living Status (Dead)

Numerator: The number of completed carotid follow-up forms that have Dead entered for Current Living Status. Denominator: The number of completed carotid follow-up forms.

Current Living Status

Numerator: The number of completed carotid follow-up forms that have X response entered for Current Living Status. Denominator: The number of completed carotid follow-up forms.

Medication at Follow-up

Numerator: The number of completed carotid follow-up forms that have Yes entered for X medication. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for X medication.

Medications that are contraindicated will be excluded from the numerator and denominator of X medication.

Aspirin

Numerator: The number of completed carotid follow-up forms that have Yes entered for aspirin. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for aspirin.

Exclusion: A contraindication to Aspirin.

Antiplatelets (ex ASA)

Numerator: The number of completed carotid follow-up forms that have Yes entered for antiplatelets. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for antiplatelets.

Exclusion: A contraindication to Antiplatelets. Note: This measure does not include aspirin.

Beta Blockers

Numerator: The number of completed carotid follow-up forms that have Yes entered for beta blockers. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for beta blockers.

Exclusion: A contraindication to Beta Blockers.

Statins

Numerator: The number of completed carotid follow-up forms that have Yes entered for statins. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for statins.

Exclusion: A contraindication to Statins.

ACE Inhibitors

Numerator: The number of completed carotid follow-up forms that have Yes entered for ACE Inhibitors. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for ACE Inhibitors.

Exclusion: A contraindication to ACE Inhibitors.

Patient Still Taking Opioid (CEA)

Numerator: The number of completed 30-day CEA follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

Denominator: The total number of completed 30-day CEA follow-up forms.

Same as Discharge (CEA)

Numerator: The number of completed 30-Day CEA follow-up forms where the patient is taking the same opioid as was prescribed at discharge.

Denominator: The total number of completed 30-day CEA follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

New Opioid/Dose (CEA)

Numerator: The number of completed 30-Day CEA follow-up forms where the patient is taking a new opioid/dose.

Denominator: The total number of completed 30-day CEA follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

Patient Still Taking Opioid (CAS)

Numerator: The number of completed 30-day CAS follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

Denominator: The total number of completed 30-day CAS follow-up forms.

Note: Opioids at discharge were collected for CAS procedures starting 2023 Q1. For the rolling 4 quarters report, CAS procedures that did not have these fields at the 30-day follow-up are excluded from this measure.

New Opioid/Dose (CAS)

Numerator: The number of completed 30-Day CAS follow-up forms where the patient is taking a new opioid/dose.

Denominator: The total number of completed 30-day CAS follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

Note: Opioids at discharge were collected for CAS procedures starting 2023 Q1. For the rolling 4 quarters report, CAS procedures that did not have these fields at the 30-day follow-up are excluded from this measure.

Same as discharge (CAS)

Numerator: The number of completed 30-Day CAS follow-up forms where the patient is taking the same opioid as was prescribed at discharge.

Denominator: The total number of completed 30-day CAS follow-up forms where the patient is taking the same opioid as prescribed at discharge or is taking a new opioid/dose.

Note: Opioids at discharge were collected for CAS procedures starting 2023 Q1. For the rolling 4 quarters report, CAS procedures that did not have these fields at the 30-day follow-up are excluded from this measure.

Medication Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for X medication AND the patient was discharged on the same medication.

Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for X medication AND the patient was discharged on the same medication.

Medications that are contraindicated will be excluded from the numerator and denominator of X medication.

Aspirin Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for aspirin AND the patient was discharged on aspirin. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for aspirin AND the patient was discharged on aspirin.

Exclusion: A contraindication to Aspirin.

Antiplatelets (ex ASA) Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for antiplatelets AND the patient was discharged on an antiplatelet. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for antiplatelets AND the patient was discharged on an antiplatelet.

Exclusion: A contraindication to Antiplatelets. Note: This measure does not include aspirin.

Beta Blockers Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for beta blockers AND the patient was discharged on a beta blocker. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for beta blockers AND the patient was discharged on a beta blocker.

Exclusion: A contraindication to Beta Blockers.

Statins Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for statins AND the patient was discharged on a statin. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for statins AND the patient was discharged on a statin.

Exclusion: A contraindication to Statins.

ACE Inhibitors Compliance

Numerator: The number of completed carotid follow-up forms that have Yes entered for ACE Inhibitors AND the patient was discharged on an ACE Inhibitor. Denominator: The number of completed carotid follow-up forms that have either Yes or No entered for ACE Inhibitors AND the patient was discharged on an ACE Inhibitor.

Exclusion: A contraindication to ACE Inhibitors.

Smoking

Numerator: The number of completed carotid follow-up forms for an elective carotid procedure where the patient smoked cigarettes, cigars, pipe, or chewed tobacco and Yes is entered for Smoking on the follow-up form.

Denominator: The number of completed carotid follow-up forms for an elective carotid procedure where the patient smoked cigarettes, cigars, pipe or chewed tobacco and either Yes or No is entered for Smoking on the follow-up form.

Smoking Cessation Since DC

Numerator: The number of completed carotid follow-up forms for an elective carotid procedure where the patient smoked cigarettes, cigars, pipe, or chewed tobacco and No is entered for Smoking on the follow-up form.

Denominator: The number of completed carotid follow-up forms for an elective carotid procedure where the patient smoked cigarettes, cigars, pipe or chewed tobacco and either Yes or No is entered for Smoking on the follow-up form.

Total CAS w/follow-up

Numerator: The number of completed CAS follow-up forms. Denominator: The number of CAS follow-up forms that are due.

Additional Procedures (CAS)

Numerator: The number of completed CAS follow-up forms that have Yes entered for Additional Procedures. Denominator: The number of completed CAS follow-up forms

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as original procedure.

CAS (CAS)

Numerator: The number of completed CAS follow-up forms where a CAS was performed, post-discharge, on the same vessel as the original CAS. Denominator: The number of completed CAS follow-up forms where Yes is entered for Additional Procedures.

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as the original procedure.

CEA (CAS)

Numerator: The number of completed CAS follow-up forms where a CEA was performed, post-discharge, on the same vessel as the original CAS. Denominator: The number of completed CAS follow-up forms where Yes is entered for Additional Procedures.

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as the original procedure.

Neuro Deficit since Discharge (CAS)

Numerator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Denominator: The number of completed CAS follow-up forms where either Yes or No is entered for Neurologic Deficit Occurred Since Discharge.

Deficit < 24 hours, Resolved (CAS)

Numerator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge and "Deficit occurred and resolved w/in 24 hours" is selected.

Denominator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Deficit > 24 hours, Resolved (CAS)

Numerator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge and "Deficit occurred and duration was greater than 24 hours, but completely resolved" is selected.

Denominator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Deficit > 24 hours, Not Resolved (CAS)

Numerator: The number of completed CAS follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge and "Persistent deficit occurred, lasted greater than 24 hours, and did not completely resolve" is selected.

Denominator: The number of completed CAS follow-up forms where Yes is entered for with Neurologic Deficit Occurred Since Discharge.

MI (CAS)

Numerator: The number of completed CAS follow-up forms where the patient was readmitted to the hospital for a myocardial infarction post procedure.

Denominator: The number of completed CAS follow-up forms that have either Yes or No entered for MI.

Note: MI includes Type 2 Myocardial Infarction, Type 1 NSTEMI or STEMI.

Total CEA w/follow-up

Numerator: The number of completed CEA follow-up forms. Denominator: The number of CEA follow-up forms that are due.

Additional Procedures (CEA)

Numerator: The number of completed CEA follow-up forms that have Yes entered for Additional Procedures. Denominator: The number of completed CEA follow-up forms.

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as the original procedure.

CAS (CEA)

Numerator: The number of completed CEA follow-up forms where a CAS was performed, post-discharge, on the same vessel as the original CEA. Denominator: The number of completed CEA follow-up forms where Yes is entered for Additional Procedures.

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as the original procedure.

CEA (CEA)

Numerator: The number of completed CEA follow-up forms where a CEA was performed, post-discharge, on the same vessel as the original CEA. Denominator: The number of completed CEA follow-up forms where Yes is entered for Additional Procedures.

Note: Additional Procedures = A CAS or CEA was performed, post-discharge, on the same vessel as the original procedure.

Neuro Deficit since Discharge (CEA)

Numerator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Denominator: The number of completed CEA follow-up forms where either Yes or No is entered for Neurologic Deficit Occurred Since Discharge.

Deficit < 24 hours, Resolved (CEA)

Numerator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge and "Deficit occurred and resolved w/in 24 hours" is selected.

Denominator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Deficit > 24 hours, Resolved (CEA)

Numerator: The number of completed CEA follow-up forms Yes is entered for Neurologic Deficit Occurred Since Discharge and "Deficit occurred and duration was greater than 24 hours, but completely resolved" is selected.

Denominator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

Deficit > 24 hours, Not Resolved (CEA)

Numerator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge and "Persistent deficit occurred, lasted greater than 24 hours, and did not completely resolve" is selected.

Denominator: The number of completed CEA follow-up forms where Yes is entered for Neurologic Deficit Occurred Since Discharge.

MI (CEA)

Numerator: The number of completed CEA follow-up forms where the patient was readmitted to the hospital for a myocardial infarction post procedure.

Denominator: The number of completed CEA follow-up forms where either Yes or No is entered for MI.

Note: MI includes Type 2 Myocardial Infarction, Type 1 NSTEMI or STEMI.

Cranial Nerve Injury (CEA)

Numerator: The number of completed CEA follow-up forms where the patient had a cranial nerve injury related to the CEA.

Denominator: The number of completed CEA follow-up forms where either Yes or No is entered for Cranial Nerve Injury.

Resolved (CEA)

Numerator: The number of completed CEA follow-up forms where the cranial nerve injury was resolved. Denominator: The number of completed CEA forms where the patient had a cranial nerve injury related to the CEA.

Persistent (CEA)

Numerator: The number of completed CEA follow-up forms where the Cranial Nerve Injury was persistent. Denominator: The number of completed CEA follow-up forms where the patient had a cranial nerve injury related to the CEA.
