



Vascular Surgery Follow-up Report Dictionary

This document is the data dictionary for both 30-day and 1-year follow-up outcomes related to Vascular Surgery procedures. Forms due at 30 days will exclude any VS discharge with "Death" marked for the discharge status. Forms due at 1-year will exclude VS discharges with "Death" marked as the discharge status OR "Dead" indicated for "Current Living Status" on the VS 30-day follow-up.

For any follow-up form to count 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.' If a follow-up form has "Dead" indicated as current living status, it will be counted as complete.

Numerators are calculated as the number of forms in which 'Yes' was marked. For multi-valued fields, such as Current Living Status, the numerator for each category is the number of forms for which the particular status was marked. 'No' and 'Not Documented' responses are excluded from the numerator.

The denominator for most indicators will be the count of the number of forms in which 'Yes' or 'No' are marked. 'Not Documented' responses are specifically excluded from the denominator.

Forms in which medications are entered as contraindicated will be excluded from the numerator and the denominator.

For all definitions in the follow-up report, "Documented" responses include responses of "Yes" or "No." "Not documented" responses are excluded.

Any exceptions to these general rules are noted in the entry for the relevant indicator.

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Patients Enrolled

The number of discharges containing a Vascular Surgery. 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 VS forms due in the given time period, excluding those with death indicated as a discharge status. The denominator is the total number of VS discharges in the given time period.

At 1 year: The numerator is the total number of VS forms due in the given time period, excluding those with death indicated as a discharge status OR "Dead" indicated for "Current Living Status" on the VS 30 day follow-up. The denominator is the total number of VS discharges in the given time period.

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

Forms Completed

The numerator is the number of forms that were returned, as of the date the report was run, with a sufficient number of responses to be deemed complete. 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'. If a follow-up form has "Dead" indicated as current living status, it will be considered complete, regardless of the other fields.

The denominator is the number of Forms Due, as of the date the report was run (as noted in the definition for "Forms Due"; at 30 days this will exclude the VS discharges where the discharge status was "Death"; at 1 year this will exclude the VS discharges where the discharge status was "Death" OR "Dead" is indicated for "Current Living Status" on the VS 30 day follow-up).

Current Living Status

The total number of responses to this question serves as the denominator for its subcategories.

Home

The numerator is the number of forms in which the response to Current Living Status is "Home". The denominator is the number of forms with "Current Living Status" documented.

Nursing Home

The numerator is the number of forms in which the response to Current Living Status is "Nursing home". The denominator is the number of forms with "Current Living Status" documented.

Assisted Living

The numerator is the number of forms in which the response to Current Living Status is "Assisted Living". The denominator is the number of forms with "Current Living Status" documented.

Hospital

The numerator is the number of forms in which the response to Current Living Status is "In Hospital". The denominator is the number of forms with "Current Living Status" documented.

Not Documented

The numerator is the number of forms in which the response to Current Living Status is "Not Documented". The denominator is the number of forms with "Current Living Status" documented.

Dead

The numerator is the number of forms in which the response to Current Living Status is "Dead". The denominator is the number of forms with "Current Living Status" documented.

Readmissions

The numerator is the number of forms in which the response to Readmission to Hospital is "Yes" (for any reason). The denominator is the number of forms with Readmission to hospital documented.

Lymph Leak

The numerator is the number of forms in which the response to Readmission to Hospital is 'Yes - Lymph Leak'. The denominator is the number of forms to which the response to Readmission to Hospital is " Yes" (for any reason).

Wound Infection (SSI)

The numerator is the number of forms in which the response to Readmission to Hospital is 'Yes - Wound Infection/dehiscence'. The denominator is the number of forms to which the response to Readmission to Hospital is " Yes" (for any reason).

Graft Infection

The numerator is the number of forms in which the response to Readmission to Hospital is 'Yes - Graft Infection'. The denominator is the number of forms to which the response to Readmission to Hospital is " Yes" (for any reason).

Anticoagulation Complication

The numerator is the number of forms in which the response to Readmission to Hospital is 'Yes - Anticoagulation Complication'. The denominator is the number of forms to which the response to Readmission to Hospital is " Yes" (for any reason).

Thrombectomy/Lysis

The numerator is the number of forms in which the response to Readmission to Hospital is 'Yes - Thrombectomy/Lysis'. The denominator is the number of forms to which the response to Readmission to Hospital is " Yes" (for any reason).

Smoking

The numerator is the number of forms in which the response to Smoking is 'Yes'. The denominator is the number of forms with Smoking documented.

Smoking Cessation Since Discharge

The numerator is the number of vascular surgery discharges with "no" marked for smoking on follow-up AND has "yes" indicated for current smoker (cigarettes) on the discharge record. The denominator is the number of vascular surgery discharges with a Y/N answer for smoking on FU (not documented is excluded).

Medication Compliance

For all medications, compliance with medications is reported. Only patients initially discharged on a medication will be factored into the numerator and denominator.

In addition, forms in which the response is 'Yes' to a question about a contraindication will be specifically excluded from both the numerator and denominator of that medication.

Antiplatelets (ex ASA)

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on Antiplatelets (excluding ASA) are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to Antiplatelets is 'Yes'. The denominator is the number of forms with Antiplatelets documented.

Statins

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on a Statin are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to Statin is 'Yes'. The denominator is the number of forms with Statin documented.

Aspirin

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on ASA are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to Aspirin is 'Yes'. The denominator is the number of forms with Aspirin documented.

Beta Blockers

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on a Beta Blocker are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to Beta Blocker is 'Yes'. The denominator is the number of forms with Beta Blocker documented.

ACE Inhibitors

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on an ACE Inhibitor are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to ACE Inhibitor is 'Yes'. The denominator is the number of forms with ACE Inhibitor documented.

Coumadin

This is a measure of compliance to medication therapy at follow-up. Only patients initially discharged on Coumadin are calculated in the numerator and denominator.

The numerator is the number of forms in which the response to Coumadin is 'Yes'. The denominator is the number of forms with Coumadin documented.

Total Open AAA w/follow-up

The numerator is the number of completed follow-up forms containing an open AAA in the initial discharge. The denominator is the number of forms returned.

Subsequent Operations

The numerator is the number of forms in which Procedure Type "Open AAA Subsequent Operations" has been selected. The denominator is the same value.

Incision

The numerator is the number of forms in which the response for "Options for Open AAA Subsequent Operations" is "Incision". The denominator is the number of forms in which Procedure Type "Open AAA Subsequent Operations" has been selected.

Graft

The numerator is the number of forms in which the response for "Options for Open AAA Subsequent Operations" is "Graft". The denominator is the number of forms in which Procedure Type "Open AAA Subsequent Operations" has been selected.

Intestine

The numerator is the number of forms in which the response for "Options for Open AAA Subsequent Operations" is "Intestine". The denominator is the number of forms in which Procedure Type "Open AAA Subsequent Operations" has been selected.

Leg Ischemia

The numerator is the number of forms in which the response for "Options for Open AAA Subsequent Operations" is "Leg Ischemia". The denominator is the number of forms in which Procedure Type "Open AAA Subsequent Operations" has been selected.

Total EVARs w/follow-up

The numerator is the number of completed follow-up forms containing an EVAR in the initial discharge. The denominator is the number of forms returned.

EVAR Current AAA Diameter

Computes the mean and standard deviation of the forms in which Procedure Type "EVAR Current AAA Diameter" has been selected and a value entered.

EVAR imaging performed

The numerator is the total number of EVAR discharges that have EVAR imaging performed marked on the 1-year follow-up form. The date of the EVAR imaging performed is within 1 year of the procedure end date. The denominator is the total number of EVAR discharges

EVAR Current Endoleak

The numerator is the number of forms in which Procedure Type "EVAR Current Endoleak" has been selected. The denominator is the same value.

Type 1

The numerator is the number of forms in which the response for "Options for EVAR Current Endoleak" is "Type 1". The denominator is the number of forms in which Procedure Type "EVAR Current Endoleak" has been selected.

Type 2

The numerator is the number of forms in which the response for "Options for EVAR Current Endoleak" is "Type 2". The denominator is the number of forms in which Procedure Type "EVAR Current Endoleak" has been selected.

Type 3

The numerator is the number of forms in which the response for "Options for EVAR Current Endoleak" is "Type 3". The denominator is the number of forms in which Procedure Type "EVAR Current Endoleak" has been selected.

Indeterminate

The numerator is the number of forms in which the response for "Options for EVAR Current Endoleak" is "Indeterminate". The denominator is the number of forms in which Procedure Type "EVAR Current Endoleak" has been selected.

Additional Procedure

The numerator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected. The denominator is the same value.

Endoleak

The numerator is the number of forms in which the response for "Options for EVAR Additional Procedure" is "Endoleak". The denominator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected.

Sac Growth

The numerator is the number of forms in which the response for "Options for EVAR Additional Procedure" is "Sac Growth". The denominator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected.

Migration

The numerator is the number of forms in which the response for "Options for EVAR Additional Procedure" is "Migration". The denominator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected.

Limb Occlusion

The numerator is the number of forms in which the response for "Options for EVAR Additional Procedure" is "Limb Occlusion". The denominator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected.

Symptoms-Rupture

The numerator is the number of forms in which the response for "Options for EVAR Additional Procedure" is "Symptoms-Rupture". The denominator is the number of forms in which Procedure Type "EVAR Additional Procedure" has been selected.

Conversion to Open

The numerator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected. The denominator is the same value.

Open Endoleak

The numerator is the number of forms in which the response for "Options for EVAR Conversion to Open" is "Endoleak". The denominator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected.

Open Sac Growth

The numerator is the number of forms in which the response for "Options for EVAR Conversion to Open" is "Sac Growth". The denominator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected.

Open Migration

The numerator is the number of forms in which the response for "Options for EVAR Conversion to Open" is "Migration". The denominator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected.

Open Infection

The numerator is the number of forms in which the response for "Options for EVAR Conversion to Open" is "Infection". The denominator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected.

Open Symptoms-Rupture

The numerator is the number of forms in which the response for "Options for EVAR Conversion to Open" is "Symptoms-Rupture". The denominator is the number of forms in which Procedure Type "EVAR Conversion to Open" has been selected.

Total Open Bypass w/follow-up

The numerator is the number of completed follow-up forms containing an open bypass n the initial discharge. The denominator is the number of forms returned.

Open Bypass Revision

The numerator is the number of forms in which Procedure Type "Open Bypass Revision" has been selected. The denominator is the same value.

Surgical

The numerator is the number of forms in which the response for "Options for Open Bypass Revision" is "Surgical". The denominator is the number of forms in which Procedure Type "Open Bypass Revision" has been selected.

Percutaneous

The numerator is the number of forms in which the response for "Options for Open Bypass Revision" is "Percutaneous". The denominator is the number of forms in which Procedure Type "Open Bypass Revision" has been selected.

Open Bypass Patency

The numerator is the number of forms in which the response for "Open Bypass Patent" is "Yes". The denominator is the number of forms in which Procedure Type "Open Bypass Patency" has been selected (includes yes and no responses).

Open Bypass Pulses

The numerator is the number of forms in which Procedure Type "Open Bypass Pulses" has been selected. The denominator is the same value.

Palpable graft pulse

The numerator is the number of forms in which the response for "Options for Open Bypass Pulses" is "Palpable graft pulse". The denominator is the number of forms in which Procedure Type "Open Bypass Pulses" has been selected.

Palpable distal pulse

The numerator is the number of forms in which the response for "Options for Open Bypass Pulses" is "Palpable distal pulse". The denominator is the number of forms in which Procedure Type "Open Bypass Pulses" has been selected.

ABI increase > 0.15

The numerator is the number of forms in which the response for "Options for Open Bypass Pulses" is "ABI increase > 0.15". The denominator is the number of forms in which Procedure Type "Open Bypass Pulses" has been selected.

Duplex

The numerator is the number of forms in which the response for "Options for Open Bypass Pulses" is "Duplex". The denominator is the number of forms in which Procedure Type "Open Bypass Pulses" has been selected.

Amputation (planned)

The numerator is the number of forms in which the response to Amputation is 'Yes'. The denominator is the number of forms with Amputation documented.

Note that virtually all amputations are planned.

MI

The numerator is the number of forms in which the response to MI is 'Yes'. The denominator is the number of forms with MI documented.

Stroke/TIA

The numerator is the number of forms in which the response to Stroke / TIA is 'Yes'. The denominator is the number of forms with Stroke/TIA documented.

Renal Failure/dialysis

The numerator is the number of forms in which the response to Renal failure/dialysis is 'Yes'. The denominator is the number of forms with Renal failure/dialysis documented.

Note: Renal failure/dialysis report at 30 days only.

Transfusion

The numerator is the number of forms in which the response to Transfusion is 'Yes'. The denominator is the number of forms with Transfusion documented.

Note: Transfusion reported at 30 days only.