

DEFINITIONS OF OUTCOMES IN SVSPSO VQI CENTER DASHBOARDS

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Notes on color coding:

- 1) “Your Center” results are highlighted in red if they are in the bottom 25th percentile of all other VQI center’s rates, and in green if they are in the top 25th percentile. If your results fall between the 25th and 75th percentile, your results are not highlighted.
- 2) The color coding compares your center to all other VQI centers, not only to those in your region.
- 3) Percentiles are based on the rates of individual centers, so it is possible for your center’s rate to be below the overall VQI rate but still be above the 75th percentile (that is, suppose there were only 10 centers in the VQI with 10 cases each and event rates of 0%, 0%, 0%, 0%, 0%, 0%, 0%, 0%, 10% and 100%. The overall rate would be $11/100 = 11\%$, and the 75th percentile would be 0%. The center with the 10% rate would be below the overall VQI rate, but still above the 75th percentile for center rates.)

LEAMP

Includes only cases entered as Admission Status=Elective

Case Data

- **Number of cases reviewed:** The total number of cases entered in the LEAMP registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in the “Postop Event,” “Discharge Medications” and “Discharge Destination” sections of this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Amputation level

- **Number of limbs treated:** Among the cases reported in “Number of cases reviewed,” the total number of limbs treated.
 - **This number is the denominator for all measures in this section of the report.**
- **TMA**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “transmetatarsal amputation of all toes.” Note that toe amputations are not captured in the LEAMP registry.
- **Hindfoot**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “hindfoot.”

- **Ankle**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “ankle.”
- **BKA**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “below knee.”
- **TKA**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “through knee.”
- **AKA**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “above knee.”
- **Higher**
 - **Denominator:** See Amputation level: Number of limbs treated
 - **Numerator:** The proportion of limbs for which the reported level of amputation was “hip disarticulation or hind-quarter amputation.”

Postop Events

- **Surgical site infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced surgical site infection.
- **Any transfusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received any number of units >0 of packed red blood cells.
- **MI (troponin only or EKG)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Change in renal function**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop change in renal function (creatinine increase > 0.5 mg/dl, temporary dialysis or permanent dialysis).
- **Dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed

- **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance after surgery that required treatment with medications or cardioversion.
- **Amputation-related reoperation**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received a secondary procedure related to the reported amputation, such as revision, exploration for hematoma, infection, or need for higher amputation.
- **RTOR for revision**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received a revision to the original amputation during the hospital stay.

Discharge medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

CAS

Includes asymptomatic admissions only. Asymptomatic patients are those who have did not have an ipsilateral TIA or stroke within 120 days of surgery.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the CAS registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in the report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Neurologic Events (at discharge)

- **Cranial nerve injury**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop cranial nerve injury, either transient or present at discharge.
- **Ipsilateral TIA**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a transient ischemic attack postop on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience TIA on either side. Patients experiencing vertebrobasilar TIA are included in the numerator regardless of side of operation.
- **Ipsilateral stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a stroke postop on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience stroke on either side. Patients experiencing vertebrobasilar TIA are included in the numerator regardless of side of operation.
- **Contralateral TIA**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a transient ischemic attack postop, but not on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience TIA on either side. Patients experiencing vertebrobasilar TIA are included in the numerator regardless of side of operation.
- **Contralateral stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a stroke postop, but not on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience stroke on either side. Patients experiencing vertebrobasilar TIA are included in the numerator regardless of side of operation.

Other Events (at discharge)

- **IV meds for hyper-/hypotension**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received a continuous infusion for 15 minutes or more of IV medication for hypertension, hypotension or both more than 1 hour after surgery.
- **MI (troponin only or EKG)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance after surgery that required treatment with medications or cardioversion.
- **Access site complication**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop access site complication (hematoma, bleeding, stenosis, infection, pseudoaneurysm, AV fistula or other).
- **Hematoma/bleeding**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop access site hematoma or bleeding that required medical, interventional or surgical treatment.
- **Stenosis/occlusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop access site stenosis or occlusion that required medical, interventional or surgical treatment.
- **Pseudoaneurysm**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop pseudoaneurysm that required medical, interventional or surgical treatment.

Discharge medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "home." Note that patients are discharged "home" if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "rehab unit"
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "nursing home"
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "other hospital"
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "homeless"
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "dead"

CEA

Includes asymptomatic admissions only. Asymptomatic patients are those who have did not have an ipsilateral TIA or stroke within 120 days of surgery.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the CEA registry with procedure dates within the "Timeframe" defined in the title of the report.
 - **This number is the denominator for all measures in the report.**
- **Median postop LOS (days):** Among cases reported in "Number of cases reviewed," the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in "Number of cases reviewed," the 50th percentile for total length of stay (Admission date – surgery date).

Neurologic Events (at discharge)

- **Cranial nerve injury**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop cranial nerve injury that was present at discharge.
- **Ipsilateral TIA**

- **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a transient ischemic attack postop on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience TIA on either side. Patients experiencing vertebrobasilar or non-specific TIA are included in the numerator regardless of side of operation.
- **Ipsilateral stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a stroke postop on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience stroke on either side. Patients experiencing vertebrobasilar or non-specific TIA are included in the numerator regardless of side of operation.
- **Contralateral TIA**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a transient ischemic attack postop, but not on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience TIA on either side. Patients experiencing vertebrobasilar or non-specific TIA are included in the numerator regardless of side of operation.
- **Contralateral stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a stroke postop, but not on the side of surgery. Patients undergoing bilateral surgeries are included in the numerator if they experience stroke on either side. Patients experiencing vertebrobasilar or non-specific TIA are included in the numerator regardless of side of operation.

Other Events (at discharge)

- **Reperfusion symptoms**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop seizures associated with headache and/or hemorrhage or cerebral edema.
- **IV meds for hyper-/hypotension**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received a continuous infusion for 15 minutes or more of IV medication for hypertension, hypotension or both more than 1 hour after surgery.
- **MI (troponin only or EKG)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **Postop CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Postop dysrhythmia**

- **Denominator:** See Case Data: Number of cases reviewed
- **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **Wound infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop surgical site infection with positive culture or requiring antibiotic treatment.
- **RTOR**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was returned to the OR after surgery for any reason (bleeding, neurologic, other).
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Discharge Meds

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s destination was reported as “dead”

EVAR

Includes only cases entered as Admission Status=Elective. Excludes patients transferred from another hospital and procedures performed on the weekend.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the EVAR registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in the report except those under “Reintervention Indication (reops related to procedure).”**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).
- **Median aortic diameter (mm):** Among cases reported in “Number of cases reviewed,” the 50th percentile for maximum preop AAA diameter in millimeters.

Postop Events

- **Any transfusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received packed red blood cells preop, intraop and/or postop.
- **Puncture site hematoma**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experience any type of postop hematoma (minor, or requiring transfusion, thrombin injection or surgical treatment).
- **Access site occlusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop access site occlusion requiring medical, interventional or surgical treatment.
- **Surgical site infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop surgical site infection (superficial, deep, or organ space).
- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **New dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.

- **Any stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop minor or major stroke.
- **New dialysis**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required new onset temporary or permanent dialysis postop.

Reintervention (during admission)

- **Any reintervention**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required any reoperation during same admission.
- **Related to procedure**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required a procedure-related reoperation during same admission.
- **Unrelated to procedure**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required a reoperation during same admission that was unrelated to the original procedure.

Reintervention Indication (reops related to procedure)

- **Aorta/branch related**
 - **Denominator:** All procedures in which the patient was reports to have required a procedure-related reoperation during the same admission.
 - **Numerator:** Cases in which the reoperation was reported as aorta or branch related.
- **Graft related**
 - **Denominator:** All procedures in which the patient was reports to have required a procedure-related reoperation during the same admission.
 - **Numerator:** Cases in which the reoperation was reported as graft related.
- **Other related**
 - **Denominator:** All procedures in which the patient was reports to have required a procedure-related reoperation during the same admission.
 - **Numerator:** Cases in which the reoperation was reported as “other” related.

Discharge Medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "home." Note that patients are discharged "home" if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "rehab unit"
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "nursing home"
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "other hospital"
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "homeless"
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's discharge destination was reported as "dead"

HEMODIALYSIS ACCESS

Case Data

- **Number of cases reviewed:** The total number of cases entered in the AVACCESS registry with procedure dates within the "Timeframe" defined in the title of the report.
 - **This number is the denominator for the "Preop Measures" and "Procedure Measures" sections of this report.**
- **Median postop LOS (days):** Among cases reported in "Number of cases reviewed," the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in "Number of cases reviewed," the 50th percentile for total length of stay (Admission date – surgery date).

Preop Measures

- **Ultrasound vein mapping**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which preoperative ultrasound was used to map or measure the planned access vein

Procedure Measures

- **Fistula vs. graft**

- **Denominator:** See Case Data: Number of cases reviewed. The denominator is this number, but excluding patients who had previous access in the same arm as current access.
- **Numerator:** Cases in which access type was reported to be direct arteriovenous fistula

Reason Not Autogenous

- **Number not autogenous:** The number of cases entered into the AVACCESS registry with procedure dates within the “Timeframe” defined in the title of the report in which access type was reported as “prosthetic AV graft, straight,” “prosthetic AV graft, looped,” or “AV biograft.”
 - **This number is the denominator for all measures in this section of the report.**
- **Need acute access**
 - **Denominator:** See Number not autogenous, above.
 - **Numerator:** Cases in which the reason an autogenous graft was not used was reported as “Need acute access.”
- **Vein not available**
 - **Denominator:** See Number not autogenous, above.
 - **Numerator:** Cases in which the reason an autogenous graft was not used was reported as “Vein not available.”
- **Other, documented**
 - **Denominator:** See Number not autogenous, above.
 - **Numerator:** Cases in which the reason an autogenous graft was not used was reported as “Other, documented.”
- **Not specified**
 - **Denominator:** See Number not autogenous, above.
 - **Numerator:** Cases in which the reason an autogenous graft was not used was reported as “Not specified.”

INFRA

Includes only cases entered as Admission Status=Elective.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the INFRA registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for the measures in all sections of this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Postop Events

- **Wound Infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop surgical site infection.
- **Graft infection**
 - **Denominator:** See Case Data: Number of cases reviewed

- **Numerator:** Cases in which the patient was reported to have experience postop graft infection.
- **Any transfusion**
 - **Denominator:** All patients returned to the OR per the previous measure
 - **Numerator:** Cases in which the patient was reported to have received packed red blood cells during the procedure.
- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop minor or major stroke.
- **Change in Renal Function**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop change in renal function (creatinine increase > 0.5 mg/dl, temporary dialysis or permanent dialysis).
- **New Dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **Return to OR**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have returned to the operating room after the original procedure.
- **Ipsilateral Amputation**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required minor or major amputation of the surgical limb postop.
- **Graft Patent at Discharge**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's graft was reported to have achieved primary, primary-assisted or secondary patency postop

Discharge Medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as "No for medical reason" on statin, and patients who are recorded as "No for medical reason" on both ASA and P2Y12 are excluded from this measure.

- **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

IVCF

Case Data

- **Number of cases reviewed:** The total number of cases entered in the IVCF registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for the measures in all sections of this report except “Reasons Not Removed”.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Preop Indications

- **Prophylactic**
 - **Denominator:** See Case Data: Number of cases reviewed

- **Numerator:** Cases in which the patient was reported to have neither pulmonary embolism nor lower extremity DVT prior to the procedure
- **PE**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have pulmonary embolism but not lower extremity DVT prior to the procedure
- **DVT**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have deep vein thrombosis but not PE prior to the procedure
- **PE+DVT**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have deep vein thrombosis and PE prior to the procedure

Planned duration

- **Temporary**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the planned duration of the filter was reported as “temporary”
- **Permanent**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the planned duration of the filter was reported as “permanent”

Reason/s Temp Filter Not Removed

- **Not clinically indicated**
 - **Denominator:** Cases with filter not removed and reason recorded
 - **Numerator:** Cases for which the reason the filter was not removed was reported as “Not clinically indicated”
- **Patient declined**
 - **Denominator:** Cases with filter not removed and reason recorded
 - **Numerator:** Cases for which the reason the filter was not removed was reported as “Patient declined”
- **Lost to follow-up**
 - **Denominator:** Cases with filter not removed and reason recorded
 - **Numerator:** Cases for which the reason the filter was not removed was reported as “Lost to follow up”
- **Too late for removal**
 - **Denominator:** Cases with filter not removed and reason recorded
 - **Numerator:** Cases for which the reason the filter was not removed was reported as “Deemed too late for removal”
- **Planned future removal**
 - **Denominator:** Cases with filter not removed and reason recorded
 - **Numerator:** Cases for which the reason the filter was not removed was reported as “Planned later removal”

Follow up Complications

- **New DVT**

- **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which any new DVT was reported at a follow-up visit
- **New PE**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which a any new pulmonary embolism was reported at a follow-up visit
- **Any filter complication**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which a any filter complication was reported at a follow-up visit
- **Filter angle**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “filter angle increase > 15 degrees.”
- **Migration: Cephalad only**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “migration > 20 mm cephalad.”
- **Migration: Caudal only**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “migration > 20 mm caudal.”
- **Migration: Both**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included both “migration > 20 mm cephalad” and “migration > 20 mm caudal.”
- **Filter fracture**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “filter fracture.”
- **Vein thrombosis**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “caval/ilic vein thrombosis.”
- **Filter thrombosis**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “thrombus in filter.”
- **Filter fragments**
 - **Denominator:** Number of cases with any filter complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “Embolization filter/fragments.”
- **Filter vein perforation**
 - **Denominator:** Number of cases with any filter complication. See Case Data: Number of cases reviewed, Follow up Scorecard: At least one visit and Follow-Up Complications: Any Complication.
 - **Numerator:** Cases for which filter complications reported at a follow-up visit included “vein wall perforation.”

Follow Up Current Living Status

- **Home**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which living status at the most recent follow-up visit is reported as “home.”
- **Nursing Home**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which living status at the most recent follow-up visit is reported as “nursing home.”
- **Homeless**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which living status at the most recent follow-up visit is reported as “homeless.”
- **Dead**
 - **Denominator:** Number of cases with at least one follow-up visit.
 - **Numerator:** Cases for which living status at any follow-up visit is reported as “dead.”

OAAA

Includes only cases entered as Admission Status=Elective.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the PVI registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).
- **Median aortic diameter (mm):** Among cases reported in “Number of cases reviewed,” the 50th percentile for maximum preop AAA diameter in millimeters.

Postop Events

- **Any transfusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received packed red blood cells preop, intraop and/or postop.
- **Surgical site infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop surgical site infection (superficial, deep, or organ space).
- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **New dysrhythmia**

- **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Any stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop minor or major stroke.
- **Change in Renal Function**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop change in renal function (creatinine increase > 0.5 mg/dl, temporary dialysis or permanent dialysis).
- **Return to OR**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have returned to the operating room after the original procedure.
- **Leg ischemia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have postop leg ischemia (with or without surgery, or requiring amputation).
- **Bowel ischemia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have postop bowel ischemia that required medical or surgical treatment.

Discharge Medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”

- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

PVI

Includes only cases entered as Admission Status=Elective.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the PVI registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Smoking in Claudicants

- **Never**
 - **Denominator:** Among cases counted in Case Data: Number of cases reviewed, those whose most severe indication in the treated leg was reported as mild, moderate or severe claudication.
 - **Numerator:** Cases in which the patient’s smoking status was reported as “Never smoked.”
- **Prior**
 - **Denominator:** Among cases counted in Case Data: Number of cases reviewed, those whose most severe indication in the treated leg was reported as mild, moderate or severe claudication.
 - **Numerator:** Cases in which the patient’s smoking status was reported as “Prior smoker.”
- **Current**
 - **Denominator:** Among cases counted in Case Data: Number of cases reviewed, those whose most severe indication in the treated leg was reported as mild, moderate or severe claudication.
 - **Numerator:** Cases in which the patient’s smoking status was reported as “Current smoker.”

Preop ABI in Claudicants

- **Preop ABI/Toe Pressure Reported**
 - **Denominator:** Among cases counted in Case Data: Number of cases reviewed, those whose most severe indication in the treated leg was reported as mild, moderate or severe claudication.
 - **Numerator:** Cases in which ABI or toe pressure was reported in the treated limb.

Postop Events

- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **Change in Renal Status**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop renal complication (creatinine increase > 0.5 mg/dl or new dialysis).
- **Thrombosis**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop thrombosis that was treated medically, interventionally or surgically.
- **Embolization**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop embolization that was treated medically, interventionally or surgically.
- **Target Lesion Dissection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop dissection of target lesion that was treated medically, interventionally or surgically.
- **Artery Perforation**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced artery perforation that was treated medically, interventionally or surgically.
- **Access Site Infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop access site hematoma.
- **Access Site Hematoma**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop access site infection.
- **Unplanned Amputation**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received an unplanned amputation.

Discharge Medications

- **Antiplatelet+Statin**

- **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
- **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

SUPRA

Includes only cases entered as Admission Status=Elective.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the PVI registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for all measures in this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date – surgery date).
- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for total length of stay (Admission date – surgery date).

Postop Events

- **Wound Infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop surgical site infection.
- **Graft infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experience postop graft infection.
- **Any transfusion**
 - **Denominator:** All patients returned to the OR per the previous measure
 - **Numerator:** Cases in which the patient was reported to have received packed red blood cells during the procedure.
- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Stroke**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop minor or major stroke.
- **Change in Renal Function**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop change in renal function (creatinine increase > 0.5 mg/dl, temporary dialysis or permanent dialysis).
- **New Dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **Return to OR**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have returned to the operating room after the original procedure.
- **Ipsilateral Amputation**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required minor or major amputation of the surgical limb postop.
- **Graft Patent at Discharge**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient's graft was reported to have achieved primary, primary-assisted or secondary patency postop

Discharge Medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

TEVAR

Includes only cases entered as Admission Status=Elective.

Case Data

- **Number of cases reviewed:** The total number of cases entered in the TEVAR registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for the measures in all sections of this report.**
- **Median postop LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date-surgery date).

- **Median total LOS (days):** Among cases reported in “Number of cases reviewed,” the 50th percentile for postop length of stay (Discharge date-admission date).

Postop Events

- **Any transfusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have received packed red blood cells preop, intraop and/or postop.
- **Puncture site hematoma**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experience any type of postop hematoma (minor, or requiring transfusion, thrombin injection or surgical treatment).
- **Access site occlusion**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop access site occlusion requiring medical, interventional or surgical treatment.
- **Surgical site infection**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced any postop surgical site infection (superficial, deep, or organ space).
- **MI**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a postop myocardial infarction or troponin elevation.
- **New dysrhythmia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced a new cardiac rhythm disturbance postop that required treatment with medications or cardioversion.
- **CHF**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop congestive heart failure.
- **Any cerebrovascular symptoms**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop TIA or minor or major stroke.
- **New dialysis**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required new onset temporary or permanent dialysis postop.
- **Spinal ischemia**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have experienced postop spinal ischemia, either transient or present at discharge.

Reintervention (during admission)

- **Any reintervention**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required any reoperation during same admission.
- **Related to procedure**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required a procedure-related reoperation during same admission.
- **Unrelated to procedure**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient was reported to have required a reoperation during same admission that was unrelated to the original procedure.

Reintervention Indication (reops related to procedure)

- **Aorta/branch related**
 - **Denominator:** All procedures in which the patient was reports to have required a procedure-related reoperation during the same admission.
 - **Numerator:** Cases in which the reoperation was reported as aorta or branch related.
- **Access related**
 - **Denominator:** All procedures in which the patient was reports to have required a procedure-related reoperation during the same admission.
 - **Numerator:** Cases in which the reoperation was reported as graft related.

Discharge Medications

- **Antiplatelet+Statin**
 - **Denominator:** The basic denominator is the number given under Case Data: Number of cases reviewed. However, patients who died before discharge, patients who are recorded as “No for medical reason” on statin, and patients who are recorded as “No for medical reason” on both ASA and P2Y12 are excluded from this measure.
 - **Numerator:** Cases in which the patient was prescribed an antiplatelet and a statin at discharge. “Antiplatelet” includes ASA or any P2Y12 antagonist.

Discharge Destination

- **Home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “home.” Note that patients are discharged “home” if they are returned to the place they were living before admission, even if it was a nursing home.
- **Rehab Unit**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “rehab unit”
- **Nursing home**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “nursing home”
- **Other hospital**

- **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “other hospital”
- **Homeless**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “homeless”
- **Dead**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s discharge destination was reported as “dead”

Varicose Veins

Case Data

- **Number of cases reviewed:** The total number of cases entered in the TEVAR registry with procedure dates within the “Timeframe” defined in the title of the report.
 - **This number is the denominator for the measures in all sections of this report.**

PreOperative Measure

- **CEAP (% captured)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s CEAP class in the treated leg was recorded.
- **VCSS (% captured)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which the patient’s VCSS in the treated leg was recorded.
- **PRO (% captured)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which all of the patient’s Patient Reported Outcomes in the treated leg were recorded (PROs include heaviness, achiness, swelling, itching, appearance, work impact and throbbing).
- **Venous Duplex**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which a duplex ultrasound was recorded in the treated leg.

Any Procedural Complications

- **CEAP (% captured)**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which any post procedure complication was recorded (complications include mild or severe allergic reaction, migraine, visual disturbance, cough or chest tightness, systemic infection, pulmonary embolism, TIA, stroke, death or other).

Overall Follow Up

- **Early**
 - **Denominator:** See Case Data: Number of cases reviewed

- **Numerator:** Cases in which a follow-up within 90 days of procedure has been recorded.
- **Late**
 - **Denominator:** See Case Data: Number of cases reviewed
 - **Numerator:** Cases in which a follow-up beyond 90 days of procedure has been recorded.