

Vascular Quality Initiative - Thoracic and Complex EVAR

Last Name First Name Middle Initial

Date of Birth Medical Record Number Social Security Number

General Information

Patient Data:

Zip/Postal Code Gender Male Female
 Ethnicity Not Hispanic or Latino Hispanic or Latino Race White Black or African American
 Height inches or cm Asian More than 1 race
 Weight lbs or kg American Indian or Alaskan Native
 Native Hawaiian or other Pacific Islander
 Unknown/other

Admission Data:

Visit code (not required)
 Admit Date Discharge Date
 Surgeon Surgery Date
 Discharge Status Home Rehab Unit
 Nursing Home Dead
 Other Hospital Skilled Nursing Facility
 Was the Procedure Billed to Medicare Part B? No Yes
 If dead, date of death
 Transferred from? No Hospital Rehab Unit

Demographics

Smoking Never Prior (>1 yr) Current (within 1 yr)
 Diabetes None Diet Oral Meds Insulin
 CAD None hx MI but no sx CABG/
 Symptoms Stable Angina Unstable Angina or MI < 6 mos PTCA
 CHF None Asymp, hx CHF COPD No Not Treated On Meds
 Mild Severe On Home Oxygen
 Dialysis No Functioning Transplant On Dialysis
 Creatinine mg/dl OR umol/L
 Stress Test Not Done Normal (+)ischemia (+)MI (+)both
 Pre-adm Living Home Nursing Home
 ASA Class 1=Normal/healthy 2=w/Mild Systemic dx 3=w/Severe Systemic dx
 4=w/Severe Systemic dx That's Constant Threat to Life
 5=Moribund/not Expected to Survive w/o Op
 Pre-op Hemoglobin g/dl OR g/L

Previous Arterial:

Bypass No Yes
Aneurysm Repair No Yes
Major Amp No Yes

CEA No Yes
PTA/Stent No Yes

Pre-Op Medications:

ASA No Yes Intolerant
Statin No Yes Intolerant

Plavix No Yes Intolerant

History

Genetic History None Ehlers-Danlos Marfans Other
Prior Aortic Surgery None EVAR Open SAAA Bypass Other
Ejection Fraction <30% 30-50% >50% Not Done Unknown
Maximum TAA Diameter mm
Minor Axis TAA Diameter mm

Procedure

Indication TAA Dissection TAAA Penetrating Ulcer Trauma Aortic Intramural Hematoma
Unfit for Open Repair No Yes
If indication is Dissection:
LE Ischemia No Yes Mesenteric Ischemia No Yes
Aneurysm No Yes Renal Ischemia No Yes Pain/HTN No Yes
Urgency Elective Urgent Emergent Emergent, Rupture
Unfit for Gen. Anesthesia No Yes Anesthesia Local Regional General
Graft Type GoreTAG Zenith TX2 Talent TAA Other
Graft Diameter Proximal mm
Distal Diameter mm
Graft Configuration Standard Plus Bare Stent Branched/fenestrated
Length Covered cm (length of aorta covered)
Prox. Attachment Zone 0 1 2 3 4 5 6 7 8
Distal Attachment Zone 4 5 6 7 8 9 10 11

Endoleak at Completion No Attachment Site (type I) Branch (type II)

Mid Graft (type III) Indeterminate

Conversion to Open No *If Converted, Reason:* Deployment Failure Endoleak

Yes Rupture

IVUS No

Yes

Skin Prep

Chlorhexadine

Chlor + Iodine

All 3

Alcohol

Chlor + Alcohol

Iodine

Iodine + Alcohol

Iodinated Contrast ml

Crystalloid ml

EBL ml

Fluoroscopy Time minutes

PRBC (in OR) units

Total Procedure Time minutes

Heart Rate:

On Arrival in OR bpm

Highest intra-op bpm

Non-Elective Repair:

Lowest Pre-Intubation BP Systolic-mm Hg

Creatinine on Presentation mg/dl

Renal Status Normal

Oliguria

Anuria

Dialysis, Acute

Mental State Normal

Disoriented

Unconscious

Cardiac Arrest No

Yes

Time: Symptoms to Repair

hours

Time: Admission to Repair

hours

Chest/Abdomen No

Explored Yes

Concomitant Procedure:

Innominate Patent, no intervention

Chronically Occluded

Purposely Occluded

De-branch

Stent Only

Chimney

Fen/scallop Only

Stented-fen

Fenestrated Stentgraft Branch
(Branched TEVAR)

Side-arm Stent-graft Branch

LCCA

Patent, no intervention

Chronically Occluded

Purposely Occluded

De-branch

Stent Only

Chimney

Fen/scallop Only

Stented-fen

Fenestrated Stentgraft Branch
(Branched TEVAR)

Side-arm Stent-graft Branch

L Subclavian Patent, no intervention

Chronically Occluded

Purposely Occluded

De-branch

Stent Only

Chimney

Fen/scallop Only

Stented-fen

Fenestrated Stentgraft Branch
(Branched TEVAR)

Side-arm Stent-graft Branch

- Celiac*
- Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- SMA*
- Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- RT Renal*
- Side-arm Stent-graft Branch
 - Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- LT Renal*
- Side-arm Stent-graft Branch
 - Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- Rt Int Iliac*
- Side-arm Stent-graft Branch
 - Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- LT Int Iliac*
- Side-arm Stent-graft Branch
 - Patent, no intervention
 - Chronically Occluded
 - Purposely Occluded
 - De-branch
 - Stent Only
 - Chimney
 - Fen/scallop Only
 - Stented-fen
 - Fenestrated Stentgraft Branch (Branched TEVAR)

- Femoral Repair*
- Side-arm Stent-graft Branch
 - No
 - Patch
 - Endarterectomy
 - Interposition Graft

- Iliac Adjunct*
- Side-arm Stent-graft Branch
 - None
 - PTA
 - Stent
 - Stent Graft(Endo Conduit)
 - Iliac-fem Bypass

- Arterial Injury*
- No
 - Femoral
 - Iliac
 - Renal
 - Aorta
 - Multiple
 - SMA/Celiac
 - Subclavian
 - Innominate/Carotid

- Injury Treatment*
- No
 - Stent/PTA
 - Stent-graft
 - Open Repair

Post-Op Data

Time to Extubation in OR <12 hrs >24 hrs, Days Intubated

Extubation 12-24 hrs >=24hrs

Vasopressors No Yes ICU Stay days
 Req. Post-Op Transfusion # Units PRBC # Units

Myocardial Infarction No Troponin Only EKG or Clinical
 Dysrhythmia (new) No Yes CHF No Yes

Cerebrovascular Sx None TIA Ischemic Stroke-minor Ischemic Stroke-major CVA hemorrhage
 Spinal Status/Worst in Hosp None/baseline Minimal, walks independently Minor, walks w/ assistance Non-ambulatory

Spinal Status at Discharge None/baseline Minimal, walks independently Minor, walks w/ assistance Non-ambulatory
 Spinal (CSF) Drain No Drain Pre-op Drain Post-op Drain

Respiratory No Pneumonia Ventilator
 Change of Renal Function None Creat. Increase > 0.5mg/dl (44.2umol/L) Temp. Dialysis Permanent Dialysis
 Leg Ischemia/ Emboli No Yes, rx w/o Surgery Required Surgery Amputation

Leg Compartment Syndrome No Medical Rx Surgical Rx
 Bowel Ischemia No Medical Rx Surgical Rx
 Wound Complication No Superficial Separation/ Infection

Return to OR No Yes If Yes, Bleeding No Yes Return to OR

Discharge Medications:

ASA No Yes Intolerant Statin No Yes Intolerant

Plavix No Yes Intolerant Beta-Blocker No Yes Intolerant

Peri-Op Antibiotic Ordered:

Start <1hr Pre-op No Yes No, for medical reason Stop <24hr Post-op No Yes No, for medical reason

1st-2nd Gen Cephalosporin No Yes No, for medical reason

Vascular Quality Initiative - Thoracic and Complex EVAR - Follow-Up

Last Name First Name Middle Initial

Date of Birth Medical Record Number Social Security Number

Visit code (not required) Zip/Postal Code

Surgeon Procedure:

Surgery Date Side:

General Information

Date of Contact Contact By Face to Face Phone No Follow-up Possible Current Smoking Yes No

Current Living Status Home Nursing Home Dead Date of Death Cause Operation Related Non-Related Unsure

Current Medications

ASA No Yes Intolerant Plavix No Yes Intolerant Coumadin No Yes Intolerant Beta Blocker No Yes Intolerant Statin No Yes Intolerant

Thoracic and Complex EVAR

Current Max TAA Diameter mm Current Endoleak No Attachment Site (type I) Branch (type II) Mid Graft (type III) Indeterminate

Dissection False Lumen Status None Resolved Thoracic Thrombosed/abd Patent Thoracic Patent/abd Thrombosed Fully Patent

Number New Interventions Date of First Intervention

Intervention Performed for:

Endoleak No Yes Sac Growth No Yes Migration No Yes

Branch Stenosis/Occlusion No Yes Dissection No Yes Symptom Rupture No Yes

Conversion to Open Repair? No Yes Date of Conversion to Open Repair

Conversion to Open Repair Performed For:

Endoleak No Yes Infection No Yes Sac Growth No Yes Dissection No Yes Extension No Yes Migration No Yes Symptom Rupture No Yes

Bypass for Branch Failure No Yes Innom SMA RT Renal LT Renal CCA Subclavian

Other Op Related to Endo No Yes