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Revisions to Existing Data Abstraction Instructions

Data Field Name

ACE Inhibitors (Follow-up)
Additional Graft Components
Aneurysm Location
ARBs (Follow-up)
Beta Blocker (Follow-up)
Calcium Channel Blocker (Follow-up)
Cardiac Stress Test
Closure for Groin Access
Current Living Status
Date of Birth
Distal Anastomosis
Distal Seal Zone Diameter - RT/LT
Electrocardiogram (EKG)
End of procedure ACT
Follow Up Interval
Given Home Medications Prior to Admission?
Given Medications at Discharge?
Glucose (peak)
Graft Body Diameter
Peak Intra Procedure Activated Clotting Time (ACT)
Prior PVI Procedures
Prior Vascular Surgery Procedures
Procedure Date and Start Time
Renal Status
Smoking (Follow-up)
Statin (Follow-up)
Thiazides (Follow-up)
Timeframe: Presentation to incision
Timeframe: Symptoms to incision

Discharge Form

Pre Admission Living Location

Homeless was added as an option. It is located under Assisted Living and above Other.

Home Medications Prior to Admission and Medications at Discharge Sections

Contraindicated was removed from the following medications in the Medications Prior to Admission and Medications at Discharge sections:

ACE-Inhibitor
ARBs
Beta Blockers
Calcium Channel Blockers

Thiazides

Contraindicated was added to the following medications in the Home Medications Prior to Admission and Medications at Discharge sections:

Apixaban (Eliquis)
Edoxaban (Savaysa)
Fondaparinux (Arixtra)
Rivaroxaban (Xarelto)
Warfarin/Coumadin

***The Medications at Discharge section will not display when Death is entered for Discharge Status.

Opioid Education

Opioid Education was moved from the Discharge Education section to the Michigan Open section. It will be a child field for Discharged with opioid and will display when Yes is entered for Discharged with opioid. Opioid Education will be located below "X opioid number of refills" data field.

Opioid Education will not display when Death is entered for Discharge Status.

The Discharge Education section was removed.

Procedure Form

All VS Procedures

Antibiotics Pre-Procedure

The Redosed (Q4 hours) field will display when Cefazolin is entered, and the length of the procedure is ≥ 3.5 hours.

The Redosed (Q6 hours) field will display when Clindamycin is entered, and the length of the procedure is ≥ 5.5 hours.

Total Heparin Dosage

The Total Heparin Dosage field was moved from Procedure Details to the Medications section of the procedure form for all VS procedures. This field will display when Given and During are entered for IV Heparin/Unfractionated Heparin.

Crystalloids

The Crystalloids field and child field was moved from Procedure Details to the Medications section of the procedure form for all VS procedures. This field will be located under Other Hydration Infusion. This field will display when Given is entered for Saline infusion, LR Infusion, or Other Hydration Infusion.

VS and Carotid Procedures

Medications on the procedure form

The child fields for the following medications was removed. These field will be labeled "X medication PRE procedure." You will enter if these medications were Given or Not Given pre procedure. The Contraindicated fields remain.

- Aspirin
- Clopidogrel (Plavix)
- Prasugrel (Effient)
- Ticagrelor (Brilinta)

IV Nitroglycerin, Protamine and Atropine

IV Nitroglycerin, Protamine and Atropine will be labeled “X medication DURING procedure”. The child fields were removed. You will enter if these medications were Given or Not Given during the procedure.

Bivalirudin (Angiomax)

This field was removed from the procedure form.

Glycopyrrolate (Monograph) DURING Procedure

Glycopyrrolate (Monograph) is a new field for CAS procedures and will be located between Atropine and IV Nitroglycerine. You will enter if this medication was Given or Not Given during the procedure.

Open Bypass Procedure

Initial Wound Vac Placement in OR

This field will display for EVAR, Open Bypass and Open Thrombectomy procedures and will be under Procedure Details.

For the Open Bypass procedure, this field will be located under Closure for Open Exposure.

Data abstraction instructions: Indicate if the initial placement of the wound vac was performed before the patient left the OR. If Yes, indicate what type of wound vac was used.

Selections:

- Yes
 - Incisional Wound Vac
 - Traditional Wound Vac
- No

Supporting Definitions:

A wound vacuum (wound vac) is a negative pressure system that is placed on the surgical wound to promote wound healing and reduce infection. The wound vac consists of a dressing, tubing, and a suction device.

Incisional Wound Vac = The wound vac was placed on skin that was closed with sutures or staples.

Traditional Wound Vac = The wound vac was placed on skin that was open. A sponge or other material may be placed on the wound and the dressing is placed on top.

Required: Yes

WIFI Fields

The following fields were moved out of Indications and placed in the Open Bypass Procedure form. These fields will be located after Exercise Counseling. We will collect this information for Open Bypass procedures and will not collect this information for Open Thrombectomy procedures.

Wound (WIFI)
Ischemia (WIFI)
Foot Infection (WIFI)

Open Thrombectomy Procedure

Vessel Closure

This field was removed from the open thrombectomy procedure form.

Closure for Open Exposure

This is a new field for Open Thrombectomy procedures. This field will be located under Procedure Details, under Vessel Location. This field will be as the Open Bypass procedure and will be a multi-select field.

Data abstraction instructions:

Identify all that apply for incision closure. Include all layers of closure - muscle, subcutaneous, and skin.

Selections:

- Suture
 - Absorbable
 - Permanent
- Staples
- Delayed
- Other

Required:

Yes

Initial Wound Vac Placement in OR

This is a new field for Open Thrombectomy procedures. This field will be located under Procedure Details, under Closure for Open Exposure.

Data abstraction instructions: Indicate if the initial placement of the wound vac was performed before the patient left the OR. If Yes, indicate what type of wound vac was used.

Selections:

- Yes
 - Incisional Wound Vac
 - Traditional Wound Vac
- No

Supporting Definitions:

A wound vacuum (wound vac) is a negative pressure system that is placed on the surgical wound to promote wound healing and reduce infection. The wound vac consists of a dressing, tubing, and a suction device.

Incisional Wound Vac = The wound vac was placed on skin that was closed with sutures or staples.

Traditional Wound Vac = The wound vac was placed on an open surgical wound. A sponge or other material may be placed on the wound and the dressing is placed on top.

Required:

Yes

EVAR Procedure

Initial Wound Vac Placement in OR

This is a new field for EVAR procedures. This field will be located under Procedure Details and will display when Open Cutdown is selected under Closure for Groin Access.

Data abstraction instructions: Indicate if the initial placement of the wound vac was performed before the patient left the OR. If Yes, indicate what type of wound vac was used.

Selections:

- Yes
 - Incisional Wound Vac
 - Traditional Wound Vac
- No

Supporting Definitions:

A wound vacuum (wound vac) is a negative pressure system that is placed on the surgical wound to promote wound healing and reduce infection. The wound vac consists of a dressing, tubing, and a suction device.

Incisional Wound Vac = The wound vac was placed on skin that was closed with sutures or staples.

Traditional Wound Vac = The wound vac was placed on an open surgical wound. A sponge or other material may be placed on the wound and the dressing is placed on top.

Required:

Yes

Open AAA Procedure

Renal/Visceral Ischemic Time

The Renal/Visceral Ischemic Time field will not display when Infrarenal or Clamp Not Utilized is entered for Proximal Clamp Position.

Indications

Unfit for OAAA Repair and Unfit for General Anesthesia were removed for Indications for OAAA. We will keep these indications for EVAR.

CAS Procedure

2nd Stenosis (Not Treated)

This field was renamed to “2nd **Lesion** (Not Treated)”.

VS and Carotid Follow-up Form

Current Living Status

Current Living Status on the VS & carotid 30-day and 1-year follow-up forms was revised. Alive, Dead, and Unknown were added.

Entering Alive & Dead will count towards a complete follow-up form.

Entering Not Documented under Alive will count toward a complete follow-up form.

When Unknown is entered, all other fields on the follow-up form will be hidden. Entering Unknown will not count towards a complete follow-up form. We will add “Unknown” to the quarterly reports so you can track your patients that are lost to follow-up.

Selections:

- Alive
 - Home
 - Rehabilitation
 - Other acute care hospital
 - Nursing Home / Extended Care
 - Hospice / Comfort Care
 - In Hospital
 - Not Documented
- Dead
 - Date of Death
 - Cause of Death
 - All child fields for cause of death
- Unknown

Alive = The patient is alive during the follow-up.

Dead = The patient died any time after discharge or during the follow-up interval.

Unknown = There is no documentation regarding the patient’s current living status during the follow-up interval and/or the patient cannot be reached by phone. This patient is lost to follow-up.

Medications

Not Documented was removed from all medication fields on the VS & carotid 30-day & 1-year follow-up forms.

Contraindicated was added for Anticoagulant fields on the VS & carotid 30-day & 1-year follow-up forms.

Contraindicated was removed from the following medications on the VS & carotid 30-day & 1-year follow-up forms.

ACE-Inhibitor

Beta Blockers

Calcium Channel Blockers

Thiazides

VS Follow-up Form

Readmission to Hospital

Not Documented was removed from this data field.

Open Bypass ABIs

You will enter if the ABI is compressible on the 30-Day and 1-Year Follow-up form for open bypass just like you do for ABIs under Imaging Studies.

Data abstraction instructions:

Indicate if the patient has had ABIs measured during the follow-up timeframe and if so, enter the value (include both right and left ABIs, regardless of the operative side).

ABI Compressible = Enter Yes for ABI Compressible when the value is <1.4.

This information should be gathered from a patient's medical record and not from interviewing the patient.

Selections:

- Yes
 - **Open Bypass ABIs Right ABI Value**
 - Yes
 - Open Bypass Right ABI Compressible
 - Yes
 - Enter value
 - No
 - No
 - **Open Bypass ABIs Left ABI Value**
 - Yes
 - Open Bypass Left ABI Compressible
 - Yes
 - Enter value
 - No
- No

Open Bypass Pulses

Doppler was added as an option for this field. It is located under Duplex.