



BMC2

Follow Up Data Dictionary

**Blue Cross Blue Shield of Michigan (BMC2)
Follow Up Definitions**

Table of Contents added 7.22.2020

Table of Contents

Vascular Surgery.....	4
Vascular Surgery Follow Up Interval.....	4
Contact Date.....	4
Ambulation.....	4
Current Living Status.....	4
Readmission to Hospital.....	5
Smoking.....	5
Antiplatelets.....	5
Statin.....	6
Aspirin.....	6
Beta Blocker.....	6
ACE Inhibitor.....	7
Anticoagulant.....	7
ARBs (Angiotensin II Receptor Blockers).....	7
Other Cholesterol Lowering Agent.....	8
Procedure Type.....	8
EVAR imaging performed.....	8
EVAR Current AAA diameter.....	9
EVAR Current Endoleak.....	9
EVAR Additional Procedure.....	9
EVAR Conversion to Open.....	10
Open Bypass ABIs.....	10
Open Bypass TBIs.....	10
Open Bypass Toe Pressures.....	11
Open Bypass Revision.....	11
Open Bypass Patent.....	11
Open Bypass Pulses.....	12
Open Thrombectomy Repeat Procedure.....	12
Open Thrombectomy Additional Vascular Procedure.....	12
Open Thrombectomy Vessel Patent.....	13
Wound Complication.....	13
Amputation.....	13
MI.....	13
TIA/Stroke.....	14
Renal Failure/Dialysis.....	14
Transfusion.....	14
Michigan OPEN.....	15
Patient still taking opioid.....	15
Refills requested.....	16
Refills given.....	16

Carotid Stent	18
Carotid Follow Up Interval	18
Contact Date.....	18
Current Living Status	18
Additional Procedure	19
Neurologic Deficit(s) Occurred Since Discharge	19
Territory of Neurologic Deficit.....	19
Carotid Duplex	20
Smoking (CAS).....	20
Antiplatelets	20
Statin.....	21
Aspirin	21
Beta Blocker	21
ACE Inhibitor.....	22
Anticoagulant	22
ARBs (Angiotensin II Receptor Blockers)	22
Other Cholesterol Lowering Agent	22
MI	23
Carotid Endarterectomy	24
Carotid Follow Up Interval	24
Contact Date.....	24
Current Living Status	24
Additional Procedure	25
Cranial Nerve Injury.....	25
Neurologic Deficit(s) Occurred Since Discharge	25
Territory of Neurologic Deficit.....	26
Carotid Duplex	26
Smoking (CEA).....	26
Antiplatelets	27
Statin.....	27
Aspirin	27
Beta Blocker	28
ACE Inhibitor.....	28
Anticoagulant	28
ARBs (Angiotensin II Receptor Blockers)	29
Other Cholesterol Lowering Agent	29
MI	29
Wound Complication	29

Vascular Surgery

Vascular Surgery Follow Up Interval

Data Abstraction Instructions:

Choose the time frame for the Follow Up.

Selections:

- 30 day
- 1 year

Required:

Yes

Contact Date

Data Abstraction Instructions:

Enter the date of contact for follow up information.

Selections:

Enter date.

Supporting Definitions:

The follow up information can be gathered from a phone call, return appointment note, dictation, or if the patient has returned to the hospital. The outcomes at follow up should not be gathered by calling a patient on the phone; they should be obtained from the medical record.

Required:

Yes

Ambulation

Data Abstraction Instructions:

Indicate the current ambulation status of the patient.

Selections:

- Independent
- Ambulates with assistance
- Wheelchair
- Bedridden
- Not documented

Required:

Yes

Current Living Status

Data Abstraction Instructions:

Indicate the living status of the patient at the time of follow up.

Selections:

- Home
- Nursing Home/Extended Care
- Assisted Living
- In Hospital

- Dead
 - Enter date of death
 - Select cause of death
 - Cardiovascular
 - Operation related
 - Unknown/other
- Not documented

Required:
Yes

Readmission to Hospital

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for procedure related issue. If yes, indicate reason.

Selections:

- Yes
 - Lymph leak (seroma)
 - Wound infection/dehiscence
 - Graft infection
 - Anticoagulation complication
 - Thrombectomy/lysis
 - Other
 - Enter date of occurrence post discharge
- No
- Not documented

Required:
Yes

Smoking

Data Abstraction Instructions:

Select if patient is currently a smoker. Indicate if the patient has smoked cigars, cigarettes (including electronic cigarettes), chew (tobacco), pipe (tobacco), or marijuana anytime during the past 30 days.

Selections:

- Yes
- No
- Not documented

Required:
Yes

Antiplatelets

Data Abstraction Instructions:

Indicate if the patient is taking antiplatelets (other than ASA) at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:

Yes

Statin

Data Abstraction Instructions:

Indicate if the patient is taking a statin at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:

Yes

Aspirin

Data Abstraction Instructions:

Indicate if the patient is taking aspirin at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:

Yes

Beta Blocker

Data Abstraction Instructions:

Indicate if the patient is taking a beta blocker at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:
Yes

ACE Inhibitor

Data Abstraction Instructions:

Indicate if the patient is taking an ACE Inhibitor at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:
Yes

Anticoagulant

Data Abstraction Instructions:

Indicate if the patient is taking an Anticoagulant (Coumadin, Pradaxa, etc.) at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:
Yes

ARBs (Angiotensin II Receptor Blockers)

Data Abstraction Instructions:

Indicate if the patient is taking ARBs at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:
Yes

Other Cholesterol Lowering Agent

Data Abstraction Instructions:

Indicate if the patient is taking any other cholesterol lowering agent at the time of follow up, other than statins.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Current medications may be obtained from a phone call if the patient is asked to gather their medication bottles and read them.

Required:

Yes

Procedure Type

Data Abstraction Instructions:

Choose the type(s) of procedures performed. Select all that apply.

Selections:

- Open AAA
- EVAR
- Open Bypass

Required:

Yes

Open AAA Subsequent Operations

Data Abstraction Instructions:

Indicate if the patient had subsequent operations related to AAA repair. If yes, choose the indication for the additional procedure.

Selections:

- Yes
 - Incision
 - Graft
 - Intestine
 - Leg Ischemia
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

Incision: additional procedure related to infection or hernia.

Graft: additional procedure related to infection, thrombosis, pseudo-aneurysm, or aortoenteric fistula.

Intestine: additional procedure related to bowel obstruction or aortoenteric fistula.

Leg ischemia: additional procedure related to thrombosis or embolism.

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

Required:

Yes

EVAR imaging performed

Data Abstraction Instructions:

Indicated if repeat imaging has been performed for this follow-up time period and, if so, indicate the date.

Required:

No

EVAR Current AAA diameter

Data Abstraction Instructions:

Enter the value for the current maximum AAA diameter in mm.

NOTE: This is not the diameter of the endograft. This is the current diameter of the actual aneurysm to identify if sac growth has occurred.

Selections:

Enter value in mm.

Supporting Definitions:

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

Required:

Yes

Suffix:

mm

Minimum:

0

Maximum:

200

EVAR Current Endoleak

Data Abstraction Instructions:

Indicate if the patient currently has an endoleak, and if so the type of endoleak.

Selections:

- Yes
 - Type 1
 - Type 2
 - Type 3
 - Indeterminate
- No

Supporting Definitions:

Type 1: Attachment site, proximal or distal attachment site leak

Type 2: Branch, retrograde filling of sac via lumbar, IMA or accessory renals

Type 3: Mid, filling of sac via leak at component overlap sites or fabric tear

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

Required:

Yes

EVAR Additional Procedure

Data Abstraction Instructions:

Indicate any additional procedures performed related to EVAR, and their indication.

Selections:

- Yes
 - Endoleak
 - Sac Growth
 - Migration
 - Limb Occlusion
 - Symptoms-Rupture
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

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

Required:

Yes

EVAR Conversion to Open

Data Abstraction Instructions:

Indicate if the EVAR procedure was converted to open after discharge. If yes, choose indication.

Selections:

- Yes
 - Endoleak
 - Sac Growth
 - Migration
 - Infection
 - Symptoms-Rupture
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

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

Required:

Yes

Open Bypass ABIs

Data Abstraction Instructions:

Indicate if the patient has had ABIs measured after discharge, and if so, enter value.

Selections:

- Yes
 - Enter Value for ABIs Right
 - Enter Value for ABIs Left
- No

Supporting Definitions:

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

Required:

Yes

Minimum:

0

Maximum:

1.39

Open Bypass TBIs

Data Abstraction Instructions:

Indicate if the patient has had TBIs measured after discharge, and if so, enter value.

Selections:

- Yes
 - Enter Value for TBIs Right
 - Enter Value for TBIs Left
- No
- Not documented

Supporting Definitions:

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

Required:

Yes

Minimum:

0

Maximum:

1.39

Open Bypass Toe Pressures

Data Abstraction Instructions:

Indicate if the patient has had TBIs measured after discharge, and if so, enter value.

Selections:

- Yes
 - Enter Value for Toe Pressure Right
 - Enter Value for Toe Pressure Left
- No
- Not documented

Supporting Definitions:

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

Required:

Yes

Suffix:

mmHg

Open Bypass Revision

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for a graft revision. Select all that apply.

Selections:

- Yes
 - Surgical
 - Percutaneous
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

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

Required:

Yes

Open Bypass Patent

Data Abstraction Instructions:

Indicate if the patient's graft is patent at follow up.

Selections:

- Yes
- No

Required:
Yes

Open Bypass Pulses

Data Abstraction Instructions:

Indicate the method of determining graft patency at follow up.

Selections:

- Palpable graft pulse
- Palpable distal pulse
- ABI increase >0.15
- Duplex

Supporting Definitions:

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

Required:
Yes

Open Thrombectomy Repeat Procedure

Data Abstraction Instructions:

Indicate if the patient had to return for a repeat procedure, an intervention on the same vessel as the original procedure.

Selections:

- Yes
 - Surgical
 - Percutaneous
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

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

Required:
No

Open Thrombectomy Additional Vascular Procedure

Data Abstraction Instructions:

Indicate if the patient returned for an additional vascular procedure on a different vessel than the original procedure. Do not select this option for a repeat procedure on the same vessel.

Selections:

- Yes
 - Surgical
 - Percutaneous
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

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

Required:
No

Open Thrombectomy Vessel Patent

Data Abstraction Instructions:

Indicate if the target thrombectomy vessel is patent at follow up.

Selections:

- Yes
- No

Supporting Definitions:

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

Required:

No

Wound Complication

Data Abstraction Instructions:

Indicate if the patient has had a wound infection or complication (seroma, etc) post hospitalization. This can be diagnosed at a follow-up visit, in the ER, or require readmission.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Required:

Yes

Amputation

Data Abstraction Instructions:

Indicate if the patient has had an amputation post hospitalization. If yes, indicate the level of amputation.

Selections:

- Yes
 - Left hip disarticulation
 - Left AKA
 - Left BKA
 - Left foot
 - Left metatarsal
 - Left digit
 - Right hip disarticulation
 - Right AKA
 - Right BKA
 - Right foot
 - Right metatarsal
 - Right digit
 - Enter date of occurrence post discharge
- No
- Not documented

Required:

Yes

MI

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for a myocardial infarction post procedure.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

TIA/Stroke

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for a TIA or stroke post procedure.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

Renal Failure/Dialysis

Data Abstraction Instructions:

Indicate if the patient had to be readmitted for renal failure or new dialysis post procedure. This question is to be addressed at the **30 day follow up only**.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

Transfusion

Data Abstraction Instructions:

Indicate if the patient has been readmitted and received a transfusion of PRBCs discharge. This question is to be addressed at the **30 day follow up only**.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

Michigan OPEN

Patient still taking opioid

Data Abstraction Instructions:

Indicate if the patient is still taking an opioid at follow-up. If so, indicate if it is the same as prescribed at discharge or a new type/dose.

Selections:

- No
- Same as discharge
- New opioid/dose

Required:

Yes

Type of opioid

Data Abstraction Instructions:

Indicate the type of opioid prescribed.

Selections:

- Hydrocodone(Norco, Vicodin, Lortab, Lorcet)
- Oxycodone (OxyContin, Percocet, Roxicodone)
- Codeine (Tylenol 2, 3, or 4)
- Tramadol (Ultram, Ultram ER)
- Other (Fentanyl, Morphine, Hydromorphone, Dilaudid, Methadone, etc)

Required:

Yes

Opioid dose prescribed

Data Abstraction Instructions:

Indicate the dose of the prescribed opioid.

Required:

Yes

Opioid dose prescribed (unit)

Data Abstraction Instructions:

Indicate the units for the dose of opioid prescribed.

Selections:

- mg
- ml
- mcg/hr
- mg/ml
- mcg/ml

- other

Required:
Yes

Prescribing provider type

Data Abstraction Instructions:

Indicate the type of provider that wrote the opioid prescription.

Selections:

- Procedural physician/surgeon
- Primary care physician
- Other surgical physician
- Pain specialist
- Oncologist
- Other

Required:
Yes

Refills requested

Data Abstraction Instructions:

Indicate if the patient requested a refill of any opioid prescription.

Selections:

- Yes
- No

Required:
Yes

Refills given

Data Abstraction Instructions:

Indicate if the patient received additional refills of the opioid (beyond what was available at discharge).

Selections:

- Yes
- No

Required:
Yes

Prescribing provider type

Data Abstraction Instructions:

Indicate the type of provider that wrote the opioid refill.

Selections:

- Procedural physician/surgeon
- Primary care physician
- Other surgical physician
- Pain specialist
- Oncologist
- Other

Required:
Yes

Carotid Stent

Carotid Follow Up Interval

Data Abstraction Instructions:

Choose the time frame for the Follow Up.

Selections:

- 30 Day
- 1 Year

Required:

Yes

Contact Date

Data Abstraction Instructions:

Enter the date of contact for follow up information.

Selections:

Enter date.

Supporting Definitions:

The follow up information can be gathered from a phone call, return appointment note, dictation, or if the patient has returned to the hospital. The outcomes at follow up should not to be gathered by calling a patient on the phone; they should be obtained from the medical record.

Required:

Yes

Current Living Status

Data Abstraction Instructions:

Indicate the living status of the patient at the time of follow up.

Selections:

- Home
- Nursing Home/Extended Care
- Assisted Living
- In Hospital
- Dead
 - Enter date of death
 - Select cause of death
 - Neurologic
 - Cardiac
 - Pulmonary
 - Vascular
 - Infection
 - Renal
 - Unknown
- Not documented

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Additional Procedure

Data Abstraction Instructions:

Indicate if an additional procedure, either stenting or carotid endarterectomy, has been performed on the same vessel as original procedure.

Selections:

- Yes
 - CAS
 - CEA
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Neurologic Deficit(s) Occurred Since Discharge

Data Abstraction Instructions:

Indicate if a neurologic deficit has occurred since discharge. If yes, indicate the resolution timeframe.

Selections:

- Yes
 - Deficit occurred and resolved within 24 hours (i.e.TIA)
 - Deficit occurred and duration was greater than 24 hours, but did completely resolve
 - Persistent deficit occurred, lasted greater than 24 hours, and did not completely resolve
 - Enter date of occurrence post discharge
- No
- Not documented

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Territory of Neurologic Deficit

Data Abstraction Instructions:

Indicate the territory of the neurologic deficit post discharge.

Selections:

- Yes
 - Right Retinal
 - Left Retinal
 - Right Hemispheric
 - Left Hemispheric
 - Vertebrobasilar
 - Unknown
- No

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Carotid Duplex

Data Abstraction Instructions:

Indicate if the patient has had a post discharge carotid duplex. If so, indicate the measurement at the operative site.

Selections:

- Yes
 - ≤ 50%
 - > 50%
 - > 60%
 - > 70%
 - > 80%
 - Occluded
 - Not Occluded
- No
- Not documented

Supporting Definitions:

If the duplex results give a range for the operative site, use the largest value.

Required:

Yes

Smoking (CAS)

Data Abstraction Instructions:

Indicate if the patient has smoked cigars, cigarettes (including electronic cigarettes), chew (tobacco), pipe (tobacco), or marijuana any time during the past 30 days.

Selections:

- Yes
- No
- Not Documented

Required:

Yes

Antiplatelets

Data Abstraction Instructions:

Indicate if the patient is taking antiplatelets (other than ASA) at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

Statin

Data Abstraction Instructions:

Indicate if the patient is taking a statin at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

Aspirin

Data Abstraction Instructions:

Indicate if the patient is taking an aspirin at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

Beta Blocker

Data Abstraction Instructions:

Indicate if the patient is taking a beta blocker at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

ACE Inhibitor

Data Abstraction Instructions:

Indicate if the patient is taking an ACE Inhibitor at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

Anticoagulant

Data Abstraction Instructions:

Indicate if the patient is taking an Anticoagulant (Coumadin, Pradaxa, etc.) at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

ARBs (Angiotensin II Receptor Blockers)

Data Abstraction Instructions:

Indicate if the patient is taking an ARB at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

Other Cholesterol Lowering Agent

Data Abstraction Instructions:

Indicate if the patient is taking any other cholesterol lowering agent at the time of follow up, other than statins.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

MI

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for a myocardial infarction post procedure.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

Carotid Endarterectomy

Carotid Follow Up Interval

Data Abstraction Instructions:

Choose the time frame for the Follow Up.

Selections:

- 30 Day
- 1 Year

Required:

Yes

Contact Date

Data Abstraction Instructions:

Enter the date of contact for follow up information.

Selections:

Enter date.

Supporting Definitions:

The follow up information can be gathered from a phone call, return appointment note, dictation, or if the patient has returned to the hospital. The outcomes at follow up should not to be gathered by calling a patient on the phone; they should be obtained from the medical record.

Required:

Yes

Current Living Status

Data Abstraction Instructions:

Indicate the living status of the patient at the time of follow up.

Selections:

- Home
- Nursing Home/Extended Care
- Assisted Living
- In Hospital
- Dead
 - Enter date of death
 - Select cause of death
 - Neurologic
 - Cardiac
 - Pulmonary
 - Vascular
 - Infection
 - Renal
- Unknown
- Not documented

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Additional Procedure

Data Abstraction Instructions:

Indicate if an additional procedure, either stenting or carotid endarterectomy, has been performed on the same vessel as original procedure.

Selections:

- Yes
 - CAS
 - CEA
 - Enter date of occurrence post discharge
- No

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Cranial Nerve Injury

Data Abstraction Instructions:

If the patient had a cranial nerve injury related to the carotid procedure, indicate the status at follow up.

Selections:

- Yes
 - Resolved
 - Persistent
- No
- Not documented

Supporting Definitions:

- VII - facial droop or more severe
- IX - swallowing difficulty unless other diagnosis confirmed
- X - hoarseness unless laryngoscopy normal
- XII - any tongue deviation or dis-coordination

Required:

Yes

Neurologic Deficit(s) Occurred Since Discharge

Data Abstraction Instructions:

Indicate if a neurologic deficit has occurred since discharge. If yes, indicate the resolution timeframe.

Selections:

- Yes
 - Deficit occurred and resolved within 24 hours (i.e.TIA)
 - Deficit occurred and duration was greater than 24 hours, but did completely resolve
 - Persistent deficit occurred, lasted greater than 24 hours, and did not completely resolve
 - Enter date of occurrence post discharge
- No
- Not documented

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Territory of Neurologic Deficit

Data Abstraction Instructions:

Indicate the territory of the neurologic deficit post discharge.

Selections:

- Yes
 - Right Retinal
 - Left Retinal
 - Right Hemispheric
 - Left Hemispheric
 - Vertebrobasilar
 - Unknown
- No

Supporting Definitions:

The follow up information needs to be gathered from a return appointment note, dictation, or if the patient has returned to the hospital. The follow up is not to be gathered by calling a patient on the phone.

Required:

Yes

Carotid Duplex

Data Abstraction Instructions:

Indicate if the patient has had a post discharge carotid duplex. If so, indicate the measurement at the operative site.

Selections:

- Yes
 - <= 50%
 - > 50%
 - > 60%
 - > 70%
 - > 80%
 - Occluded
 - Not Occluded
- No
- Not documented

Supporting Definitions:

If the duplex results give a range for the operative site, use the largest value.

Required:

Yes

Smoking (CEA)

Data Abstraction Instructions:

Indicate if the patient has smoked cigars, cigarettes (including electronic cigarettes), chew (tobacco), pipe (tobacco), or marijuana any time during the past 30 days.

Selections:

- Yes
- No
- Not Documented

Required:

Yes

Antiplatelets

Data Abstraction Instructions:

Indicate if the patient is taking antiplatelets (other than ASA) at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

Statin

Data Abstraction Instructions:

Indicate if the patient is taking a statin at the time of the follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

Aspirin

Data Abstraction Instructions:

Indicate if the patient is taking an aspirin at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

Beta Blocker

Data Abstraction Instructions:

Indicate if the patient is taking a beta blocker at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

ACE Inhibitor

Data Abstraction Instructions:

Indicate if the patient is taking an ACE Inhibitor at the time of follow up. Also indicate if the patient is contraindicated to this medication.

Selections:

- Yes
- No
 - Contraindicated
 - Yes
 - No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

Anticoagulant

Data Abstraction Instructions:

Indicate if the patient is taking an Anticoagulant (Coumadin, Pradaxa, etc.) at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:
Yes

ARBs (Angiotensin II Receptor Blockers)

Data Abstraction Instructions:

Indicate if the patient is taking an ARB at the time of follow up.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

Other Cholesterol Lowering Agent

Data Abstraction Instructions:

Indicate if the patient is taking any other cholesterol lowering agent at the time of follow up, other than statins.

Selections:

- Yes
- No
- Not documented

Supporting Definitions:

Medication information can be obtained from a phone call if the patient gathers their medication bottles and reads them.

Required:

Yes

MI

Data Abstraction Instructions:

Indicate if the patient was readmitted to the hospital for a myocardial infarction post procedure.

Selections:

- Yes
 - Enter date of occurrence post discharge
- No
- Not Documented

Supporting Definitions:

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

Required:

Yes

Wound Complication

Data Abstraction Instructions:

Indicate if the patient has experienced an issue with surgical wound healing. This can be an infection, hematoma, or other issue with the CEA surgical site.

Selections:

- Yes

- Infection
- Hematoma
- Other
- ◆ No

Required:
Yes