Non-Emergent Parnassus to Mission Bay MRI Workflow for Bariatric Patients

Workflow overview:
The following workflow applies Monday–Friday 0800–1700. All ICU patients who require an MRI at Mission Bay will be booked as anesthesia case. Patients must arrive to Mission Bay 2 hours ahead of scheduled scan time.

Provider orders MRI for patient in Parnassus ICU

RADIOLOGY:
Parn MRI Tech will determine if patient will fit in Parn MRI. Does patient fit?

NO

YES

MRI will be scheduled and performed at Parnassus

Ordering provider will cancel order for MRI

RADIOLOGY DEPARTMENT:
Parn MRI Tech will:

- Inform ordering provider that MRI will need to be performed at MB
- If unable to reach ordering provider within 60 min, bedside RN will be contacted to triage with provider
- Notify attending radiologist to initiate a discussion with ordering provider to discuss justification
- Complete and clear bariatric checklist form. Scan completed form into Radiant. Scanned clinical documents
- Notify MB MRI Coordinator and Parnassus Administrative staff of need for MB MRI

Ordering Provider will make a determination of necessity to transport patient to MB for MRI. Is MRI deemed necessary?

NO

YES

Ordering provider will:

- Modify the MRI order to indicate that it will be an anesthesia case.*
- Discuss emergent (within 12 hours) bariatric MRIs with MB Anesthesia E1 (415) 502-0447

*Anesthesia services are required for all ICU cases transporting to MB for MRI. These patients are at high risk for quick decompensation. Airway and sedation monitoring and interventions will be managed by the MB Anesthesia E1.

RADIOLOGY DEPARTMENT: Parnassus Administrative Staff:

- Receives/reviews order for MB MRI
- Connects ordering provider with MB Anesthesia E1 to review case
- Calls MB Anesthesia E1 to check availability and put case on Anesthesia E-board
- Calls MB MRI coordinator to schedule MRI time that coordinates scanner and anesthesia availability
- Notifies the following staff of scheduled MRI time:
  - MB Radiology RN
  - Pre-Op Charge RN
  - Parn ICU bedside RN

Parn ICU RN prepares for transport to MB MRI:

- Assess patient and discuss any concerns with transport with the ordering provider & ICU team
- Communicate scheduled MRI time with charge RN, ICU, and primary teams
- Contact case manager to arrange transport
  - Patient needs to arrive 2 hours prior to scheduled scan time

Case Manager will contact AMR to arrange transport. If there are any issues with transport time, will discuss with bedside RN

TRANSPORT TO MISSION BAY:

- ICU RN will:
  - Ride with patient in AMR ambulance
  - Notify MB Pre-Op Charge RN that they are en route
  - Upon arrival to MB, escort patient to pre-op unit on 2nd floor at Mission Bay
  - Remain with patient while monitoring in place

UPON ARRIVAL TO PRE-OP:

- Pre-Op RN:
  - Assume care of patient
  - Notify Anesthesia and Radiology dept. of patient arrival

ICU RN:

- Remains with patient throughout MRI and recovery
- Escort patient to MRI

Anesthesia and Radiology RN:

- Escort patient to MRI

MRI completed, patient taken to PACU for recovery

UPON ARRIVAL TO PACU:

- Anesthesia hands off to PACU RN
- Patient recovered in PACU
- PACU coordinates with ICU RN for return escort
- PACU RN contacts AMR to schedule return trip
- PACU RN hands off to ICU RN immediately prior to transfer

TRANSPORT TO PARNASSUS:

- ICU RN will:
  - Escort patient back to Parnassus
  - Notify charge RN and ICU team upon arrival

Reviewed by: David Shimabukuro, Charlene Fong, Irish Criseno, Sarah Brynelson and Jennifer Twiford