Non-Emergent Parnassus to Mission Bay PET Scan Workflow for ICU Patients

Workflow overview:
The following workflow applies Monday-Friday 0900-1500. All ICU patients who require an PET Scan at Mission Bay will be booked as anesthesia case. Patients must arrive to Mission Bay 2 hours ahead of scheduled scan time. Scans ordered on Friday, may not be done over the weekend depending on anesthesia availability. Anticipate scans ordered on Friday to be performed the follow Monday. *385LB weight limit.

MB RADIOLOGY DEPARTMENT: MB Nuclear Medicine Tech will:
- Confirm with ordering provider regarding need for PET scan, and inform provider that procedure will need to be performed at MB
- If unable to reach ordering provider within 60 min, bedside RN will be contacted to fill with provider
- Measure patient prior to MB transport to ensure compatibility with scanner
- Notify attending Nuclear Medicine radiologist to initiate a dialogue with attending provider to discuss justification
- Initiate checklist requirement with ICU RN

Parn ICU RN prepares for transport to MB PET scan:
- Asses patient and discuss any concerns with transport with the ordering provider & ICU team
- Verify checklist requirements are met:
  - NPO except water for 4 hours
  - Blood sugar level 120-200
  - No insulin for 12 hours
  - No dextrose in IV fluids
- *Talk to physician if patient is on steroids or glucagon
- Communicate scheduled PET scan time with charge RN, ICU & primary teams, and notify:
  - MB nurse supervisor (415)702-0162
  - MB Pre-op charge RN (415)476-0989
  - MB PACU charge RN (415)476-1003
  - MB PET scan (415)476-1100
- *Check with MB peri-op for specialty medications/ infusions availability, and bring from Parnassus if not available
- Contact case manager to arrange critical care transport
- Parnassus ICU team gives handoff to MB ICU / Ei Anesthesia team

MB RADIOLOGY DEPARTMENT: MB Nuclear Medicine attending:
- Receives/reviews order for MB PET scan
- Connects ordering provider with MB Anesthesia to review case
- Calls MB Anesthesia Ei (415)702-0447 to check availability and put case on Anesthesia E-board
- Check availability of radiotrace and camera time
- Communicate with Parn Nuclear Medicine supervisor 415-335-9003 to assess patient with fit concerns (Long endotracheal tubes, cranial drains, cranial edema, mobility limitations)
- Notifies the following staff of scheduled PET scan time:
  - MB Radiology RN
  - Pre-Op Charge RN
  - Parnassus ICU bedside RN

Ordering provider will:
- Modify the MRI order to indicate that it will be an anesthesia case*
- Communicate with MB Anesthesia Ei to discuss plan of care
- Confirm patient can tolerate laying flat for duration of PET scan, average time is 1 hour, 45 minutes
- *Anesthesia services are required for all ICU patients currently vented or not on mechanical ventilation transporting to MB for non-emergent PET scan. If patient decompensates, contact MB ICU team for support and evaluation.

Upon arrival to MB Pre-Op:
ICU RN:
- Is the primary nurse and remains with patient throughout procedure and recovery
- Coordinates break coverage with MB nurse supervisor
Pre-Op RN:
- Support the ICU RN with care of patient
- Notify Anesthesia and Radiology dept of patient’s arrival
- Notify Nuclear Med Tech:
  - Inject isotope
  - *Check with tech regarding special precautions

Upon arrival to MB PACU:
- Anesthesia hands off to ICU & PACU RN
- Patient recovered by ICU RN with support from PACU RN
- ICU RN contacts AMR (888)-955-8825 to schedule Critical Care Transport for return trip

PET scan completed, patient taken to PACU for recovery

TRANSPORT TO MISSION BAY:
*AMR critical care transport will assume care of patient en route.
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

Case Manager will contact AMR to arrange Critical Care Transport.
- Patient needs to arrive 2 hours prior to scheduled scan time

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

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