Title: CT-MZ/RSC Respiratory Illness Evaluation

Precautions/Isolation Types:

- **Respiratory Illness Evaluation Without Negative Pressure** = Droplet/contact precautions – surgical mask, face shield, gown, gloves
  - Document: [UCSF Donning/Doffing PDF](#)
  - [UCSF Guidelines on PPE Reuse](#)

Pre-Imaging Tasks:

- Ensure provider has placed CT order in APEX.
- **RSC will notify MZ-CT (5-7524)** of request for urgent add-on exam.
- CT Tech will need patient MRN to schedule CT exam.
- CT Tech will inform Radiology front desk to schedule and arrive CT exam in APEX/Radiant.
- CT Techs will notify Radiology RN of urgent add-on exam and coordinate CT scan time.
- Radiology RN will call RSC RNs to coordinate care and transport to CT. *(All RSC patients will bypass MZ Radiology reception and transport directly into the MZ CT scanner RM-A134.)*
- If the CT exam is ordered with IV contrast, the **RSC RN** will ensure the CT Contrast Screening Form is completed by the patient and correctly labeled with a patient ID sticker prior to transporting the RSC patient to Radiology.
- If a CT exam is ordered without IV contrast, then no CT Contrast Screening Form is required. **RSC RN** will ensure patient ID stickers accompany the patient for transport to Radiology and confirm patient identity upon arrival.
- When possible, **RSC RN** will place #20g IV (preferably right or left antecubital vein). If RSC RN unable to obtain proper IV access, Radiology RN will attempt IV placement in the CT room.
- RSC patients must wear a mask at all times.
Imaging Workflow:

- Radiology RN and tech will confirm patient identify with patient and RSC RN upon direct transport arrival into MZ CT RM-A134
- Radiology RN or tech will place patient ID band on patient prior to imaging the patient.
- Radiology RN and tech will review CT Contrast Screening Form only if indicated.
  - If i-STAT creatinine testing is required based on the CT Contrast Screening Form criteria, the Radiology RN will run i-STAT test in the CT room upon patient arrival and prior to imaging the patient.
- **All staff should wear **ALL appropriate PPE** when in contact with patient based on isolation type (review link for donning/doffing PPE)
  - PPE for **Respiratory Illness Evaluation** = Mask + Face shield + Gown
- If staffing permits, 2 CT techs scan patient
  - 1 ‘clean’ tech remains in **control room** wearing Mask + face shield (based on isolation precautions above)
  - 1 ‘dirty’ tech in **scan room** to prep patient for scan wearing ALL appropriate PPE based on isolation precautions above
  - Hand hygiene & appropriate PPE donned prior to patient arrival
  - Prepare room with all supplies needed for CT exam to minimize opening cabinets/drawers while patient in scan room.
  - Patient enters room – ‘dirty’ tech preps patient on CT table
  - ‘Dirty’ tech leaves CT scan room and remains outside scan room until patient scanning complete.
  - ‘Clean’ tech informs ‘dirty’ tech to enter scan room to move patient
  - Post-imaging cleaning completed per isolation precautions
- If staffing does not permit, 1 tech will scan patient
  - Hand hygiene & appropriate PPE donned prior to patient arrival
  - Prepare room with all supplies needed for CT exam to minimize opening cabinets/drawers while patient in scan room.
  - Patient enters room/tech preps patient on CT table
  - **Before** entering CT control room, gown/gloves are doffed & hand hygiene performed.
  - **Mask/face shield to remain on**
  - After CT scan is complete, hand hygiene is performed & gown/gloves are donned to move patient from CT table
  - Post-Imaging cleaning completed per isolation precaution

Post-Imaging Tasks:

- After scanning patients under a **Respiratory Illness Evaluation Without Negative Pressure**, CT scanner and room may be cleaned immediately
  - Techs will clean all surfaces– **while wearing appropriate PPE**
  - Green top Clorox Healthcare Hydrogen Peroxide Wipes will be used to clean all surfaces--dwell time = 1 minute
  - Technologist should doff gown and gloves in scan room following cleaning.
  - Mask and face shield should be doffed following guidelines for reuse if possible or discarded if not possible.
  - **NO HIGH CLEAN NEEDED**