Title: CT ED/In-Patient COVID-19/PUI Workflow – Parnassus Campus

Precautions/Isolation Types:

- **Novel Respiratory Isolation With Negative Pressure** = Airborne/contact precautions – N95 or PAPR, face shield, gown, gloves
  - Video: [UCSF Donning/Doffing Video](#)
- **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 appropriate CT order is placed in APEX
- Ensure screening is completed with RN
  - Confirm IV status & screening form (if IV contrast indicated)
  - Confirm isolation precautions for ANY patient coming to CT
  - Confirm mobility status of ANY patient coming to CT

Imaging Workflow:

*Scan all COVID-19+/PUI patients in CT2 (L361)*

- If patient is in ED, the ED CT tech will communicate with CT Lead Tech on 3rd floor to coordinate schedule
- ED CT tech will communicate with the ED RN regarding transport needs and relay information to Lead CT tech.
  - All other outpatient/inpatient/ED CT scans will be performed on either CT4 or CTED.
  - CT-guided procedures will be performed in CT4.
- Patient will be transported to the 3rd floor CT scanner (L361)
  - If RN monitoring necessary, RN will accompany patient to CT
  - If no RN monitoring necessary, hospital transport or CT tech can transport patient to 3rd floor
- **CT should convey isolation precaution in the transport module**
  - Patient must wear mask at all times
  - **Staff should wear ALL appropriate PPE when in contact with patient (review link for donning/doffing PPE)**
    - PPE for **Novel Respiratory Isolation With Negative Pressure** = N95 or PAPR + Face shield + Gown
    - PPE for **Respiratory Illness Evaluation Without Negative Pressure** = Mask + Face shield + Gown

- If staffing permits, 2 CT technologists scan patient
  - 1 ‘clean’ tech remains in **control room** wearing N95/PAPR or 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/staff leave CT scan room and remains outside scan room until patient scanning complete.
  - If hemodynamic monitoring is necessary, all involved staff doff gown/gloves & perform hand hygiene **before** entering control room.
  - ‘Clean’ tech informs ‘dirty’ tech to re-enter scan room to move patient when scan complete
  - Post-Imaging cleaning completed per isolation precautions following patient departure. For patients under novel respiratory isolation, gowns and gloves should be donned whenever entering scan room during 1 hour downtime and doffed prior to exiting scan room. N95 or PAPR and face shield should remain in place for entire 1 hour period while in control room or scan room.

- 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 by all involved staff & 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 precautions following patient departure. For patients under novel respiratory isolation, gowns and gloves should be donned whenever entering scan room during 1 hour downtime and doffed prior to exiting scan room. N95 or PAPR and face shield should remain in place for entire 1 hour period while in control room or scan room.
Post-Imaging Tasks:

- After scanning patients under **Novel Respiratory Isolation With Negative Pressure** isolation status, CT scanner will remain out of use for a minimum of 1 hour – signage will be placed so no one can enter room
  - Techs will clean all surfaces after one hour – **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.
  - N95 and face shield or PAPR should be doffed following guidelines for reuse if possible or discarded if not possible.
  - NO HIGH CLEAN NEEDED

- 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.
  - N95 and face shield or PAPR should be doffed following guidelines for reuse if possible or discarded if not possible.
  - NO HIGH CLEAN NEEDED