Situation: Confusion has arisen on proper work-flow for staff during CT guided procedures when full PPE being used by team members providing direct patient care

Background: The Dept. of Radiology has recently asked all staff doing percutaneous procedures such as CT guided biopsies to wear full PPE, regardless of patient COVID risk factors. Pre-procedure COVID-19 testing may be obtained prior to interventional procedures where Dept. of Anesthesia team involved and for select aerosol generating procedures.

Assessment: Clarification is needed on best workflow for CT guided procedures to allow for patient and staff safety while adhering to proper distancing and infection control policies.

Recommendations:

1- Any staff (Nursing, Techs, MDs) who are inside the CT scan room during the procedure should use standard PPE. Any staff observing procedure from CT control room do not need full PPE, unless they "scrub in". The CT tech should wear PPE based on normal out-patient or in-patient policy. We also suggest they wear a gown in case any unintentional contact occurs.

2- Minimize the staff that enter the CT control room during image acquisition, and use CT flouro when possible. Some staff may also stand in the hallway outside CT suite during image acquisition to prevent over-crowding, however nursing should always maintain line of sight with patient.

3- CT technologists should stand clear of the doorway to allow easy entrance and egress between CT room and control room when procedure staff are moving between rooms. This will decrease risk of any unintentional contact between procedure team and CT techs.

4- Technologist maintains positions at the CT console during image acquisition. To avoid any unintentional physical contact with staff or surfaces, ensure distancing measures are in place, and do not crowd over the CT tech console.

5- CT image review by procedural team should occur INSIDE the CT suite whenever possible. This will also prevent crowding around the CT console and inadvertent contact with room surfaces.