

## ADDENDUM C

### Liver Transplantation & COVID-19

Created: March 31, 2020

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This document will serve as a short primer based on current Nebraska Medicine guidelines. Please reference the COVID-19 Procedure Guidelines for further details.

*Liver recipients should be tested and results posted in EMR for COVID-19 prior to proceeding to OR.*

1. **Intubation:** Aerosol-generating procedure (AGP)
  - a. Strongly consider RSI with video laryngoscope for intubation to minimize bag-mask ventilation
  - b. Experienced provider should perform the intubation
  - c. If COVID-19 Negative & Asymptomatic:
    - i. Standard operating procedure (Scenario 4)
  - d. If No Results & Asymptomatic: Full PPE (N95, Gown, Gloves, Face Shield)
    - i. Full PEE required throughout intubation
    - ii. Surgeons and Nursing staff remain out of room during intubation and for 15 minutes following intubation
    - iii. After 15 minutes surgical/nursing team enters and begins prep
    - iv. Surgical team members may exit room for scrub and re-enter room
    - v. TEE should not be inserted prior to full prep and drape with all members of surgical team scrubbed and in PPE
2. **TEE:** AGP and considered high-risk
  - a. If COVID-19 Negative & Asymptomatic:
    - i. Standard operating procedure (Scenario 4)
  - b. If No Results & Asymptomatic: Full PPE (N95, Gown, Gloves, Face Shield)
    - i. Full PEE required throughout TEE exam
    - ii. Surgeon/Nursing staff must remain in full PEE with TEE remains in place
    - iii. PPE may be removed and SOP followed beginning 15 minutes after removal of TEE
3. **Transport:**
  - a. COVID-19 Negative & Asymptomatic:
    - i. Standard operating procedure (Scenario 4)
  - b. If No Results & Asymptomatic: Full PPE (N95, Gown, Gloves, Face Shield)
    - i. Viral filter between ETT and Ambu Bag for transport
    - ii. If anti-viral filter not previously applied between ETT and ventilator circuit, consider clamping ETT prior to disconnecting
    - iii. Transport to Non-COVID Unit

#### Alternatives to TEE

- Swan-Ganz catheter
- Non-invasive cardiac output monitor (NICOM) like Cheetah

#### Naso- and Oro-Gastric Tubes

- These are not considered AGP and thus do not require PPE