* Per HICS Guidelines: Any patient coming in for a procedure (including Class C/D/U/E) to Operating Room or any other procedure area, needs to be COVID tested and results available prior to proceeding.

** For Class C Patients with clinical need to proceed with surgery before COVID-19 Asymptomatic Screen Lab test result is available, follow guidelines for Emergent OR Cases without COVID Testing (Class A/B, Some Class C)

*** Presumed Positives Include:
- Persons Under Investigation (PUI)- COVID-19 tests sent due to risk/signs/symptoms, results pending
- Potential COVID Risk Patients- Signs/symptoms on Infection Screening Questionnaire, COVID testing not done
- Unable to Perform Infection Screening, COVID testing not done

**COVID-19 OR DECISION TREE**

- **Essential and Emergent OR Cases with COVID Testing**
  - COVID-19 Infection: Positive COVID test
    - Follow Guideline for COVID + /Presumed Positive***
    - Regional/IMC
      - Airway Oxygen Supplementation as needed
      - Leave Surgical Mask on patient in OR
      - Anticipate Extubation
  - COVID-19 Infection: Negative COVID test
    - Non-intubated
    - GA
    - Postop Plan ICU
      - ICU transport with Ambulance Bag
      - Postop ICU
        - Adult: Recover for at least 20 mins in OR after AGF (longer if patient continues to cough), surgical mask placed on patient, staff follow droplet, contact, and eye precautions remainder of recovery in PACU isolation
        - Pediatric: Recover in OR then anesthesia transport to floor
        - Adult: Recover for at least 20 mins in OR after AGF (longer if patient continues to cough), surgical mask placed on patient, staff follow droplet, contact, and eye precautions remainder of recovery in PACU isolation, then to SURF
        - Pediatric: Recover 1st Stage in OR, then to 2nd stage for discharge

- **Emergent OR Cases without COVID Testing**
  - (Class A/B, Some Class C***)
  - For Class C Patients with clinical need to proceed with surgery before COVID-19 Asymptomatic Screen Lab test result is available, follow guidelines for Emergent OR Cases without COVID Testing (Class A/B, Some Class C)
  - Non-intubated
    - Equipment/Staffing
      - Follow Guideline for COVID + /Presumed Positive***
      - Standard procedure and Standard PPE
      - Intubated
        - Use Ambu Bag + INER Fiber (No routine Use of ICU Ventilator)
        - Postop Plan ICU
          - ICU transport with Ambulance Bag
          - Postop ICU
            - Adult: Recover for at least 20 mins in OR after AGF (longer if patient continues to cough), surgical mask placed on patient, staff follow droplet, contact, and eye precautions remainder of recovery in PACU isolation
            - Pediatric: Recover in OR then anesthesia transport to floor
            - Adult: Recover for at least 20 mins in OR after AGF (longer if patient continues to cough), surgical mask placed on patient, staff follow droplet, contact, and eye precautions remainder of recovery in PACU isolation, then to SURF
            - Pediatric: Recover 1st Stage in OR, then to 2nd stage for discharge

- **Service Protocol for DVS (Wait 30 mins after patient leaves, before cleaning)**
- **Standard pharmacy return protocol (No special disposal needed)**

Last Updated May 7, 2020
COVID Positive/Presumed Positive Anesthesia Workflow

**Active COVID Infection:** Positive COVID test

**Rule-out COVID-19 - Person Under Investigation (PU):** COVID test sent due to risk/signs/symptoms, results pending

**Potential COVID Risk - Patient Symptomatic:** Signs/symptoms or exposure concerning for COVID are present; COVID testing not done (see FAQ, question #3: If symptoms are known to be non-COVID, consider calling Epidemiology to remove designation from pt chart)

- Unable to obtain Infection Screening + no COVID test: Unable to assess history/symptoms and no test results available

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Useful Pagers
RT MOR 3921
RT SFCH 3935
SNICU Triage 1461

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Department of Anesthesia
Last updated 8/24/20
Version 6.0

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**Equipment/Staffing**
- Full PPE (inc N95/CAPR) + COVID-19 Anesthesia Cart
- Designated Anesthesia Workroom Tech or Designee
- Minimize breaks and handoffs • COVID Pharmacy Workflow

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**Non-intubated**

- Patient transported with surgical mask on
- (Leave surgical mask on until intubation)
- Airway: O₂ supplementation as needed
- Leave surgical mask on patient in OR

**Regional and/or MAC**

- Postop Plan ICU
  - Discuss with SNICU Triage (1461) at least 30 min before arrival
- Postop Plan Non-ICU
  - GA: Extubate in OR. Place surgical mask on patient. Recovery in OR
  - Regional/MAC: Recovery in OR
  - If prolonged block recovery (e.g., spinal), discuss with PACU Charge Nurse for recovery in PACU isolation room (staffing permitting).

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**Intubated**

- Patient transported with surgical mask on
- (Leave surgical mask on until intubation)
- Airway: Intubate in OR

- Anticipate Postop Mechanical Ventilation
- Appropriate to extubate in OR
  - Yes
  - Use Anesthesia Machine + HMEF Filter
  - No

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**Postop Plan ICU**
- Discuss with SNICU Triage (1461) at least 30 min before arrival
  - a) Extubate in OR. Place surgical mask on patient
  - b) If patient is going/returning to a negative pressure ICU room postop, consider extubating in ICU

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**Postop Plan Non-ICU**
- GA: Extubate in OR. Place surgical mask on patient. Recovery in OR
- Regional/MAC: Recovery in OR

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Anesthesia Team Transport:
- Doff all PPE in OR except N95/eye protection. Perform hand hygiene, don new pair of gloves outside and transport
- Anesthesia Transport to ICU with surgical mask on patient
- Anesthesia Transport to Floor with surgical mask on patient
- Anesthesia Transport to ICU/S PU on ICU ventilator*

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*If ICU Ventilator not available, use Ambubag + HMEF filter (Anes Workroom)

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Ensure at least 20 min elapsed after any aerosol generating procedure (including vigorous coughing) to allow for adequate aerosol clearance before leaving OR