ACH COVID-19 Screening Emergency Department

This pathway is intended as a guide for staff/providers and is not intended to replace clinical judgement. Students refer to educational institution guidelines for caring for COVID positive patients.

**SYMPTOMS**
- Acute onset of any of the following symptoms:
  - Fever and/or chills
  - Shortness of breath or difficulty breathing
  - Cough
  - Sore throat
  - New loss of taste or smell
  - Nausea, vomiting, or diarrhea
  - Muscle or body aches (not explained by exercise or activity)

**EXPOSURE**
- Close contact with person with laboratory-confirmed COVID-19 or person under investigation for COVID-19

**Personal Protective Equipment (PPE)**
- **Standard isolation mask for routine care**
- **N-95 mask (FIT test required) or CAPR (MAXAIR PAPR) for aerosol-generating (likely to produce cough) procedures**
- **Eye protection**
- **Gown**
- **Gloves**

**YES = POSITIVE SCREEN**

**Patient with moderate/severe respiratory symptoms or loss of taste/smell**
- Place standard isolation mask on patient, family, and escorting staff
- Place patient in a negative pressure rooms on Zone 1 (rooms 8, 10, 12, 14, 15) can be used.
- Place patient on Special Respiratory Enhanced Contact Isolation (see yellow PPE box)

**Patient with non-respiratory symptoms**
- Place standard isolation mask on patient, family, and escorting staff
- Place patient in a private room with door closed
- Place patient on Special Respiratory Enhanced Contact Isolation (see yellow PPE box)

**NO = NEGATIVE SCREEN**

**Proceed as normal**
- Patient can be placed in any open room

**Patient Care**
- Special Respiratory Enhanced Contact Isolation (signs on all doors)
- Direct care providers only to care for patient (no students)
- Disposable equipment is used for patient care (DO NOT remove equipment)
- Advise patient and family to use call light for communication and to NOT leave the room
- Registration & Financial Counseling to be completed via phone
- Cluster care-minimize room entry

**ED Team Leader/ED PCM**
- Ensure airborne and enhanced contact isolation is in place
- Ensure RN/Provider wear PPE, have been FIT tested or have CAPR

GO TO COVID-19 PATHWAY FOR ED
### Clinical Features

<table>
<thead>
<tr>
<th>Clinical Features</th>
<th>Flu Testing</th>
<th>RPP Testing</th>
<th>COVID-19 Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asymptomatic – No exposure Discharging from ED</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Asymptomatic + Admission to Facility</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Asymptomatic + Exposure (at least 5 days after exposure)</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Symptoms(^*) compatible with acute COVID-19 with mild symptoms (discharge)</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Symptoms(^*) compatible with acute COVID-19 with moderate/severe symptoms (admission)</td>
<td>YES</td>
<td>As clinically indicated</td>
<td>YES</td>
</tr>
</tbody>
</table>

(\(^*\)Symptoms compatible with acute COVID-19
- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

1 Order ACH COVID-19 by RT-PCR. Collect (1) NP swab in viral transport media and send to main lab. If we run out of viral transport media, (1) NP swab in normal saline is acceptable for COVID-19 PCR testing; however the RPP will not be able to be performed.

### Testing Decision Making

**Personal Protective Equipment (PPE)**
- Standard isolation mask for routine care
- N-95 mask (FIT test required) or CAPR (MAXAIR PAPR) for aerosol-generating procedures
- Eye protection
- Gown
- Gloves

**General Aerosol Generating Procedures:**
- Nasopharyngeal swab
- Tracheal intubation/intubation
- Suction before/after intubation
- Nebulizer treatments
- Manipulation of oxygen masks
- Manual ventilation
- Bronchoscopy
- Non-invasive ventilation
- Defibrillation
- Chest physiotherapy
- High flow oxygen
- Tracheostomy
- Manipulation of BiPAP mask
- Open endotracheal suction

**Other Diagnostic Testing**
- Portable CXR if clinically warranted
- CT not indicated unless concern for other process
- Consider other laboratory testing to guide clinical management

**Discharge**
- Review follow-up recommendations
- Supportive care including hydration and antipyretics
- Quarantine instructions, including duration
- Follow up with PCP

**See Guidelines for Patients on Special Respiratory Enhanced Contact Isolation for information on transporting patients**

**Admission**
- Admit to an appropriate inpatient isolation room
- For patients going to CVICU or Hem/Onc, rapid test must be resulted prior to transfer to unit
- Mask patient, family/caregiver, and staff during transport
- Call ADH and fill out PUI form (If testing)

**History & Physical Exam**
- Respiratory symptoms, duration, and timing of onset
- Ask about ill family members/close contacts
- Ask that all accompanying family members remain at bedside with patient
- Consider other etiologies based on history of travel or exposure

**Enhanced Contact Isolation Precautions**
- Place standard isolation mask on patient, family/caregiver, escorting staff
- Escort patient & family immediately to a negative pressure isolation room
- Place in private room with door closed if negative pressure room unavailable
- If no room available, place in negative pressure waiting room
- If no room available, place patient in waiting room

**Initiate IMMEDIATE Special Respiratory Enhanced Contact Isolation Precautions**
- Place patient in waiting room
- Place in negative pressure waiting room
- Escort patient
- Place standard isolation mask on patient
- If we run out of viral transport media, (1) NP swab in normal saline is acceptable for COVID-19 PCR testing; however the RPP will not be able to be performed.
## Addendum to Clinical Guidelines for Bed Placement

<table>
<thead>
<tr>
<th>COVID-19 (confirmed positive)</th>
<th>R/O COVID-19 (formerly PUI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Place patient on Special Respiratory Enhanced Contact Isolation precautions</td>
<td>• Place patient on Special Respiratory Enhanced Contact Isolation precautions</td>
</tr>
<tr>
<td>• Place patient in an Airborne Infection Isolation Room (AIIR); if AIIR not available, place in negative pressure room or regular patient room with door closed</td>
<td>• Place patient in a regular private room with door closed</td>
</tr>
</tbody>
</table>

### Negative Pressure Rooms:

- 4C med: 4C-05, 4C-06, 4C-07
- 4D Neuro: 4D-05, 4D-06
- 3D: 3D-03, 3D-04, 3D-05
- 3E: 3E-01, 3E-02, 3E-03, 3E-04
- PICU: 23, 24, 25, 26
- ED: 1, 3, 8, 10, 12, 14, 15, Decon
- NICU: MP 1, 2, 3, 4, 5
- ACNW: 2 Inpatient rooms 17 and 20

**Nursing Supervisor will assign rooms**