ACH COVID-19 Screening
Emergency Department

This pathway is intended as a guide for staff/providers and is not intended to replace clinical judgement.

***No UAMS TRAINEES are to be involved in the care of a patient with acute respiratory symptoms unless they have completed COVID-19 training—See JEDI app*** Otherwise no trainees

**SYMPTOMS**
- Acute onset of any of the following symptoms:
  - Fever and/or chills
  - Cough
  - Sore throat
  - New loss of taste or smell
  - Headache
  - Fatigue
  - Shortness of breath or difficulty breathing
  - Congestion or runny nose
  - 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

**YES = POSITIVE SCREEN**

**STOP**
- Place standard isolation mask on patient, family, and escorting staff
- Patient stable: Triage RN will escort patient out the entrance of ED to the Decontamination Room. 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)

**Inform ED Team Leader, Attending**

**UN SUSPECTED**

**Patient Care**
- Special Respiratory Enhanced Contact Isolation (signs on all doors)
- Direct care providers only to care for patient (no orientees or students)
- Disposable equipment is used for patient care (DO NOT remove equipment, stethoscope, etc)
- Same RN to triage patient, complete primary assessment, and complete necessary orders
- Advise patient and family to not leave room and provide TL/PCM phone number to call for questions
- Registration & Financial Counseling to be completed over phone
- Cluster care – minimize room entry

**ED Team Leader / ED PCM**
- Notify ED PCM on shift/on call
- Ensure airbrng and enhanced contact isolation is in place
- Ensure RN/Provider wear PPE, have been FIT tested or have CAPR
- Collect list of patients in triage waiting room when patient entered ED
- Collect list of staff members who came in contact with patient (ED, Security, EVS, Admissions, etc.)

**NO = NEGATIVE SCREEN**

**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

**Proceed as normal**
- Provide mask for patients with respiratory symptoms and place on respiratory contact precautions

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

**GO TO CORONAVIRUS POSITIVE SCREEN PATHWAY FOR ED**
ACH COVID-19 Positive Screen Pathway
Emergency Department

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**Symptoms**
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  - Cough
  - Sore throat
  - New loss of taste or smell
  - Nausea, vomiting, or diarrhea
  - Muscle or body aches (not explained by exercise or activity)
- Shortness of breath or difficulty breathing

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

**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

**Testing Decision Making**

<table>
<thead>
<tr>
<th>Clinical Features</th>
<th>COVID-19 Testing</th>
<th>RPP Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asymptomatic + Exposure</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Symptoms* compatible with acute COVID-19 with mild symptoms (discharge)</td>
<td>YES if (+) contact to a known COVID-19 contact/PUI¹</td>
<td>As clinically indicated</td>
</tr>
<tr>
<td>Specimen will be sent to reference lab</td>
<td></td>
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<tr>
<td>Symptoms* compatible with acute COVID-19 with moderate/severe symptoms (admission)</td>
<td>YES</td>
<td>As clinically indicated</td>
</tr>
<tr>
<td>*Sterile Saline ok if run out of viral transport media²</td>
<td></td>
<td></td>
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<tr>
<td>Specimen will be run in house for faster turn-around time</td>
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</tbody>
</table>

2. Order "COVID-19 Panel", select "ACH In-House". Collect (1) NP swab in viral transport media and send to the main lab.

If we run out of viral transport media, (1) NP swab in normal saline is acceptable for COVID-19 testing; however the RPP will not be able to be performed.

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

**Admission**
- Admit to an appropriate inpatient isolation room
- Mask patient, family/caregiver, and staff during transport
- Call ADH and fill out PUI form (if testing)

**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

**General Aerosol Generating Procedures:**
- Nasopharyngeal swab
- Tracheal intubation/entubation
- 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

¹ Symptoms compatible with acute COVID-19
² Fever or chills
³ Cough
⁴ Shortness of breath or difficulty breathing
⁵ Fatigue
⁶ Muscle or body aches
⁷ Headache
⁸ New loss of taste or smell
⁹ Sore throat
¹⁰ Congestion or runny nose
¹¹ Vomiting
¹² Nausea or vomiting
¹³ Diarrhea

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*Sterile Saline ok if run out of viral transport media
RPP Testing should be based on clinical suspicion
All patients being tested for COVID-19 require quarantine
# Addendum to Clinical Guidelines for Bed Placement

<table>
<thead>
<tr>
<th>COVID-19 (confirmed positive)</th>
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<tbody>
<tr>
<td>• Place patient on Special Respiratory Enhanced Contact Isolation precautions</td>
<td></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></td>
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<table>
<thead>
<tr>
<th>R/O COVID-19 (formerly PUI)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Place patient on Special Respiratory Enhanced Contact Isolation precautions</td>
<td></td>
</tr>
<tr>
<td>• Place patient in a regular private room with door closed</td>
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