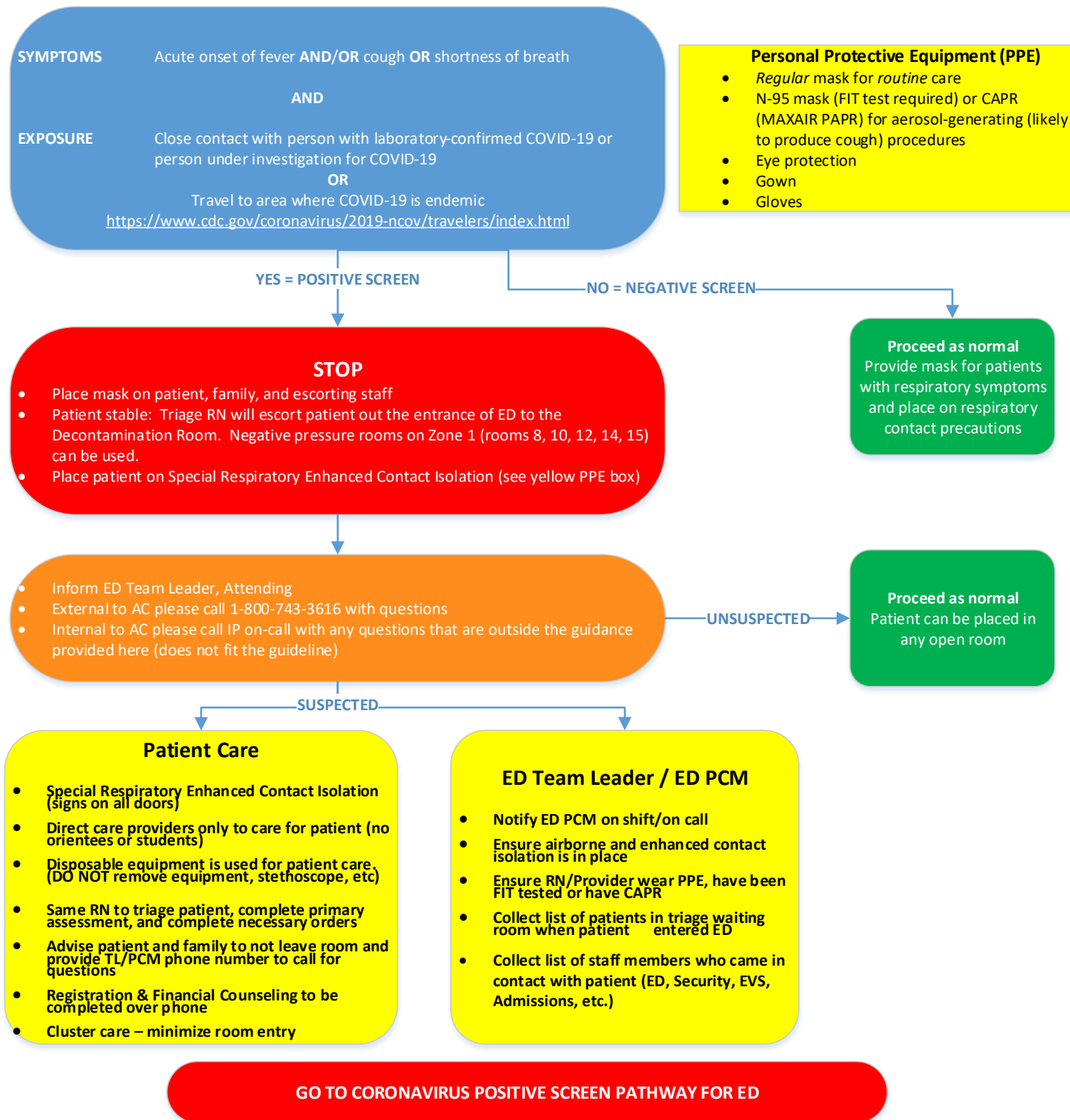


ACH COVID-19 Screening Emergency Department

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*



ACH COVID-19 Positive Screen Pathway Emergency Department

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SYMPTOMS Acute onset of fever **AND/OR** cough **OR** shortness of breath
AND

EXPOSURE Close contact with person with laboratory-confirmed COVID-19 or person under investigation for COVID-19
OR
Travel to area where COVID-19 is endemic

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html>

Personal Protective Equipment (PPE)

- Regular 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

Initiate IMMEDIATE Special Respiratory Enhanced Contact Isolation Precautions

- Apply regular mask to 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

General Aerosol Generating Procedures:

collection of sputum sample; tracheal intubation; suction before or 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; or endotracheal suction.

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

Other Diagnostic Testing

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

Testing Decision Making

Clinical Features	Risk Factors	Flu Testing	RPP Testing	COVID-19 Testing
Asymptomatic	None	None	None	None
Acute Respiratory Infection	<ul style="list-style-type: none"> • Travel Or • Close contact with someone (confirmed) with COVID-19 	YES if not sending RPP NO if sending RPP	YES	NO if Flu/RPP (+) OR (-) and patient is well YES if (+) contact to a known COVID-19 contact/PUI ¹
Acute Respiratory Infection requiring hospitalization or critically ill	<ul style="list-style-type: none"> • Travel Or • Close contact with someone (confirmed) with COVID-19 	NO	YES	YES (To ADH with PUI form) <u>*Sterile Saline ok if run out of viral transport media²</u>

1-Reference Lab (LabCorp): Order "2019 Novel Coronavirus SARS-CoV-2 by PCR". Collect (1) NP swab in viral transport media and send to main lab.

2- PUI form must accompany RPP test to the lab. Lab will order COVID-19 (ADH) test. If we run out of viral transport media, (1) NP swab in sterile saline is acceptable for COVID-19 (ADH) 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
- Provide caregiver with AC RN triage line should questions arise: 1-800-743-3616
- [CDC home care guidance](#)

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)