ACNW COVID-19 Pre-Admission Testing
Inpatient Areas

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.

Patient has a previous COVID-19 diagnosis supported by a positive PCR or antigen test (documented result from Arkansas Children’s or another facility; home tests are NOT accepted)

- Patient’s symptom onset for previous COVID-19 infection was within the last 90 days
  - YES
  - NO (been > 90 days)

- NO
  - Pre-admission/admission testing not needed

- YES
  - Order COVID-19 test

Patient has recovered from acute infection**

- YES
  - Repeat admission COVID-19 test is NOT recommended
  - Place patient on special respiratory enhanced contact precautions

- NO
  - Signs/symptoms of COVID-like illness and/or COVID-19 exposure in last 10 days?
    - NO
      - Repeat admission COVID-19 test is NOT recommended
      - Special respiratory enhanced contact precautions NOT required
      - Please refer to pre-operative testing algorithm if patient going to surgery
    - YES
      - Order COVID-19 test

Patient has new symptoms that may be consistent with COVID-19 without an alternative etiology identified by the provider

- YES
  - Consider repeat COVID-19 PCR (or RPP + COVID-19 if clinically indicated)

- NO

*If patient was asymptomatic at time of diagnosis, date of first positive PCR test should be used in place of the date for symptom onset

**Recovery = 10 days from symptom onset* for persons with mild infection or 20 days from symptom onset* for persons admitted with COVID-19 infection or immunocompromised persons AND resolution of fever for at least 24 hours (without antipyretic) AND improvement of symptoms
ACNW COVID-19 Pathway
Inpatient Areas

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Positive COVID-19 test
- Place patient on Special Respiratory Enhanced Contact Isolation (see orange PPE box)
- Limit care providers entering room
- Review current visitor guidelines on the Arkansas Children’s webpage

Confirmed Positive COVID-19
- Place in negative pressure room with doors closed if available (Inpatient rooms 17 and 20)
- If no negative pressure room available, place in private room with door closed.
- If aerosolizing procedure anticipated, patient MUST be in AIR or negative pressure room

For POSITIVE Patients ONLY
Inpatient Team Leader/PCM
- Notify Team Leader/PCM if on shift
- Cluster care and limit number of staff for routine care of patient
- Ensure special respiratory enhanced contact isolation is in place
- Ensure RN/Provider wear PPE, have been fit tested or have CAPR

Negative COVID-19 test
- Continue routine management of patient per standard of care

Pending COVID-19 test
- Place patient on Special Respiratory Enhanced Contact Isolation (see orange PPE box)
- Limit care providers entering room
- Review current visitor guidelines on the Arkansas Children’s webpage

Patient under investigation (tested) for COVID-19
- Place in private room with door closed

Infection Prevention
- Communicate with Inpatient team leader/PCM as necessary
- Ensure staff has implemented Special Respiratory Enhanced Contact Isolation
- Please call IP on-call with questions

How to Discharge a COVID + Patient
- Primary RN will discharge patient
- Patient/Family and Discharge RN ONLY on elevator
- Patient to wear medical grade mask if age appropriate/parent to wear medical grade mask
- Discharge RN to wear medical grade mask and goggles

For POSITIVE Team Leader/PCM
- Notify Team Leader/PCM if on shift
- Cluster care and limit number of staff for routine care of patient
- Ensure special respiratory enhanced contact isolation is in place
- Ensure RN/Provider wear PPE, have been fit tested or have CAPR

Patient Ready for Discharge:
- Quarantine instructions, including duration
- Follow up with PCP

CDC home care guidance - English version
CDC home care guidance - Spanish version

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

Aerosol Generating Procedures (AGPs):
- Open suctioning of airways (oral, anterior nasal, nasal pharyngeal, endotracheal, tracheostomy)
- Sputum induction
- Cardiopulmonary resuscitation
- Endotracheal intubation/extubation
- Non-invasive ventilation (e.g. BIPAP, CPAP)
- Ventilator circuits with open exhalation (i.e. Trilogy, Vivo-65 or LTV ventilators)
- Bronchoscopy and Endoscopy
- Manual ventilation (bag/face mask, bag/endotracheal tube, bag/tracheostomy)
- High flow O2 delivery via OptiFlow

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, stethoscope, etc)
- Advise patient and family to not leave room. If caregiver must leave hospital, place medical grade mask on caregiver. All meals for patients/caregivers will be delivered to room
- Patient and family will wear mask while staff members in room