Lifespan’s Algorithm to Assess Pediatric Patients (ED or inpatient) with any symptoms suggestive of acute respiratory viral infection:

- New fever, cough, work-of-breathing, or sore throat

Asymptomatic patients who have positive contacts/under quarantine should not be tested especially if being discharged

Mask parent/family member and patient when possible (source control); clean their hands with alcohol-based rub

Initiate Modified Contact & Droplet (Modified C&D) Isolation precautions: surgical mask, eye protection, gown and gloves

**N95+ Full face shield/CAPR to be used for any aerosol-generating procedures**: intubation, extubation, CPR, bag-mask ventilation, bronchoscopy; more commonly as well: HFNC, BiPAP, CPAP, nebulized medications, nasopharyngeal suctioning

Patients who can be safely discharged do not require testing for COVID-19

For patients requiring admission – test for COVID-19, initiate Modified C&D Isolation (if not already), place in negative-pressure room if available, if unavailable, then use portable HEPA filter if available; priority for confirmed COVID19 patient with aerosol-generating procedures

Make all efforts to minimize aerosol-generating procedures; the evidence supports in Pediatrics: consider NOT starting HFNC, use MDI over nebs, and avoid NP suctioning. If these are required, use N95 with appropriate PPE as per Modified C&D isolation precautions

**COVID-19 negative:**
- Remove Modified C&D isolation
- Maintain Standard C&D isolation

**COVID-19 pending /positive:**
- Maintain Modified C&D isolation

**COVID-19 in children has been clinically variable, some present w/only GI symptoms. Especially, if there is a positive contact; consider testing only if admitted**

In Pediatrics, priority testing extends to residents from affiliate institutions and congregate settings: Bradley, Tavares, group home, etc., especially transfers.

Nose Frieda’s and bulb syringes are available for parents. This can replace the need for RT/RNs to perform nasal suctioning altogether

Note: Micro Lab has kit if not on hand. Required: PUI form, and specimens must be hand delivered to lab in a labeled COVID-19 collection biohazard bag

This guideline remains fluid and changes frequently, please reference intranet for most up-to-date version