

# Pediatric COVID-19 Testing and Isolation Algorithm (ED/inpatient):

**fever, cough, tachypnea, sore throat, loss of taste or smell, vomiting/diarrhea; *OR* exposure to a known COVID-19 contact**



For **all** patients: mask patient/caregiver when possible (>2yo), clean hands with alcohol-based rub  
Those w/symptoms, **Initiate Modified Droplet & Contact precautions**: N95 or equivalent resp protection, eye protection, gown, gloves



When initiating Modified C&D precautions: place in negative pressure, if negative-pressure room unavailable use portable HEPA filter, priority is for confirmed COVID-19 patient with aerosol generating procedures (AGPs)  
Use N95 for all patients requiring AGPs and use AGP signage for room during AGP  
Minimize AGPs in symptomatic patients: e.g. consider not starting HFNC, use MDI over nebs, avoid NP suctioning



## Targeted (rather than universal) COVID-19 testing for:

1. Patients/caregivers screen positive for COVID-19 symptoms/exposure in the past 10 days
2. Patients with acute or chronic respiratory conditions (asthma, CF, trach, vented, etc.)
3. Residents requiring transfer to other institution/group setting (Bradley, Tavares, group home, behavioral health patients, etc.)
4. Child under 24mos **or** who cannot mask due to behavioral issues



Asymptomatic, COVID-19 negative,  
no exposures in patient nor caregiver:  
no precautions indicated



Asymptomatic, COVID-19 negative, **positive** exposure:  
standard C&D isolation 10 days from last exposure



Symptomatic, COVID-19 pending/positive:  
Modified C&D isolation



With strong clinical suspicion based on symptoms:  
a negative COVID PCR should not negate need for  
Modified C&D precautions

Targeted COVID-19 testing recommendations for children are due to low rates of hospital burden 65 total patients over the last year, with a 2.8% positivity rate. These recommendations are further predicated on the current policies for universal staff masking (protection), and patient/caregiver masking (source control), as well as current low rates of community COVID-19.