

# Humidified high flow (HFNP) for children during COVID-19 pandemic

Follow local guidelines when available.

Contextualise to your patient's needs and your service.

Children are low risk of Covid-19 complications but respiratory failure can be life threatening.

Don't withhold humidified high flow O2 if needed clinically.








## First line treatment for hypoxia is low flow nasal prongs

### Failing low flow?

Switch to HFNP O2 **if clinically indicated.**

Involve senior decision makers & admitting teams when possible.

## Children with COVID risk factors can have HFNP O2. Maintain these precautions :

Location	Staff PPE	Transport
<p>Negative pressure or single room</p> <p>WITH door closed</p>  <p>AND airborne + contact precautions</p>	 <p>Gown</p>  <p>N95 Mask</p>  <p>Shield or Goggles</p>  <p>Gloves</p>	 <p>Move the patient through hospital on Low Flow O2.</p>  <p>Ideally start High Flow in patient's longer term room</p>



Advice is evolving 19.3.20  
Check QPEC website for full policies & most up to date file versions.



## Resources



Queensland Paediatric Emergency Care  
Resuscitation resources



CHQ Bronchiolitis Guideline  
Emergency Management in Children



Covid 19 and Children  
What you need to know  
Don't Forget the Bubbles

Metro North  
Hospital and  
Health Service

Donning and Doffing Video  
Metro North Hospital & Health Service