Use of nebulisers for children during a Covid-19 outbreak

Follow local guidelines when available. Contextualise advice to your patient’s needs and your service. Children are at low risk of Covid-19 complications but croup and asthma can be life threatening. Don’t withhold nebs if needed clinically.

Asthma: Avoid Unnecessary Nebuliser Use

- **Mild Disease**
  - Nebuliser
  - + Low Flow Subnasal O2

- **Moderate Disease**
  - Nebuliser
  - + Low Flow Subnasal O2

- **Extremis**
  - Airborne PPE for staff
  - + Neg pressure room if possible

Croup: Avoid Unnecessary Nebuliser Use

- **Mild Croup**
  - Nebulised Adrenaline
  - Without significant stridor or work of breathing

- **Severe Croup**
  - Nebulised Adrenaline + oral steroids
  - Airborne PPE for staff
  - + Neg pressure room if possible

Advice is evolving. 15.3.2020
Created by STORK for CHQ
Additional Reading for Simulation Participants

Resources

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

Donning and Doffing Video
St Mary’s Imperial Hospital

CDC information for paediatric healthcare providers.