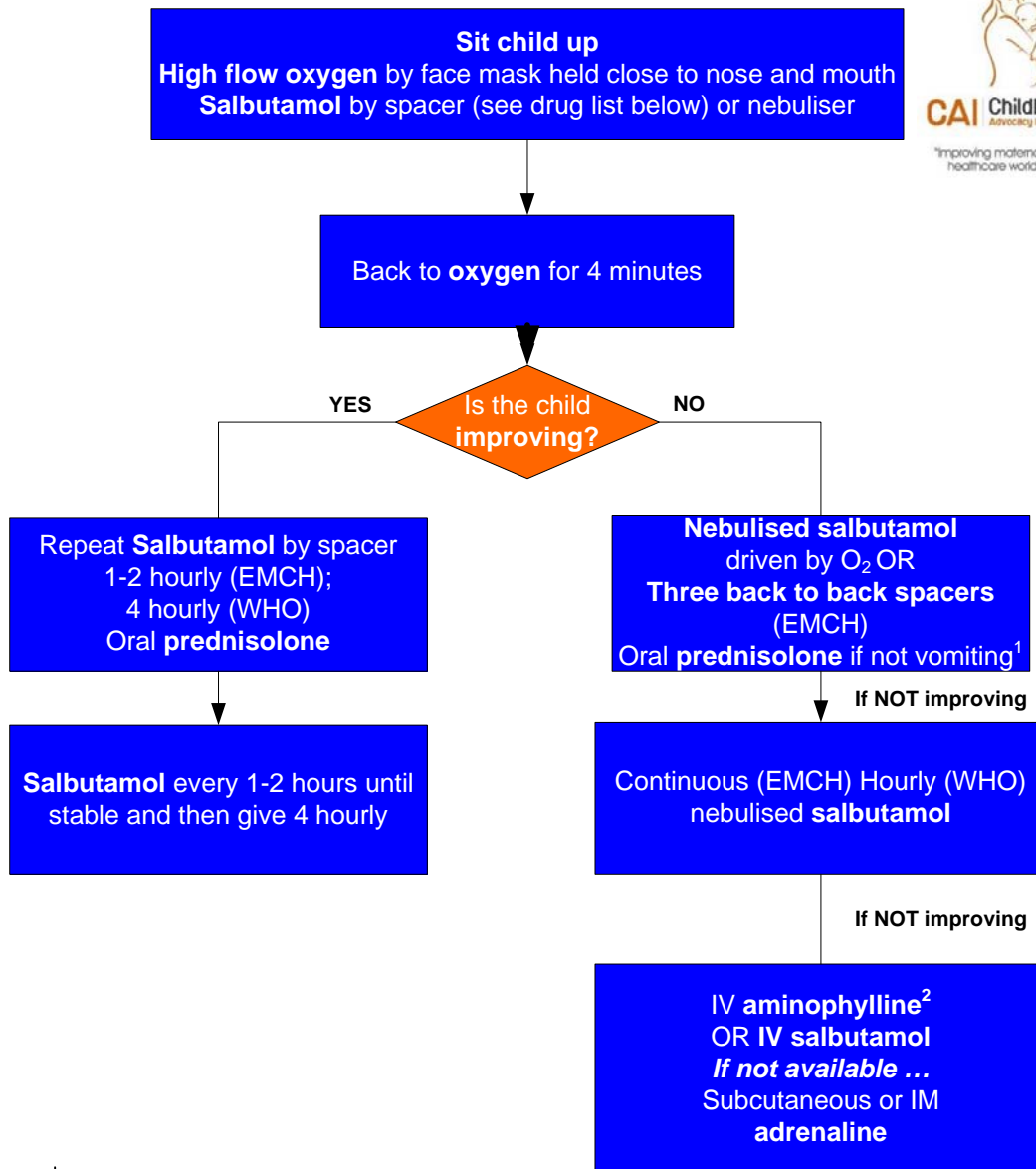


Severe asthma in a child > 1 yr (wheezing)

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Notes

¹ If vomiting give IV hydrocortisone 4mg/kg instead of prednisolone

² Omit loading dose of aminophylline if any given in preceding 24 hours

Stop infusion if vomits, HR \geq 180, convulses or gets headache

Monitor ECG for patients on aminophylline

Drugs in asthma

Salbutamol

Spacer 2 x 100 microgram puffs then 10 breaths from spacer in 1 minute (WHO 3-5 breaths)

Nebulisers:

> 2.5 mg if < 5 years old

> 5mg for \geq 5 years old

IV loading 4-6 micrograms/kg

IV infusion 1-5 micrograms/kg/min

Aminophylline

Loading 5-6 mg/kg over 20-60 mins (max dose = 300mg)

Infusion 1mg/kg/hr

Adrenaline

10 micrograms/kg IM or SC

Steroids

Hydrocortisone 4mg/kg IV

Prednisolone 1mg/kg PO