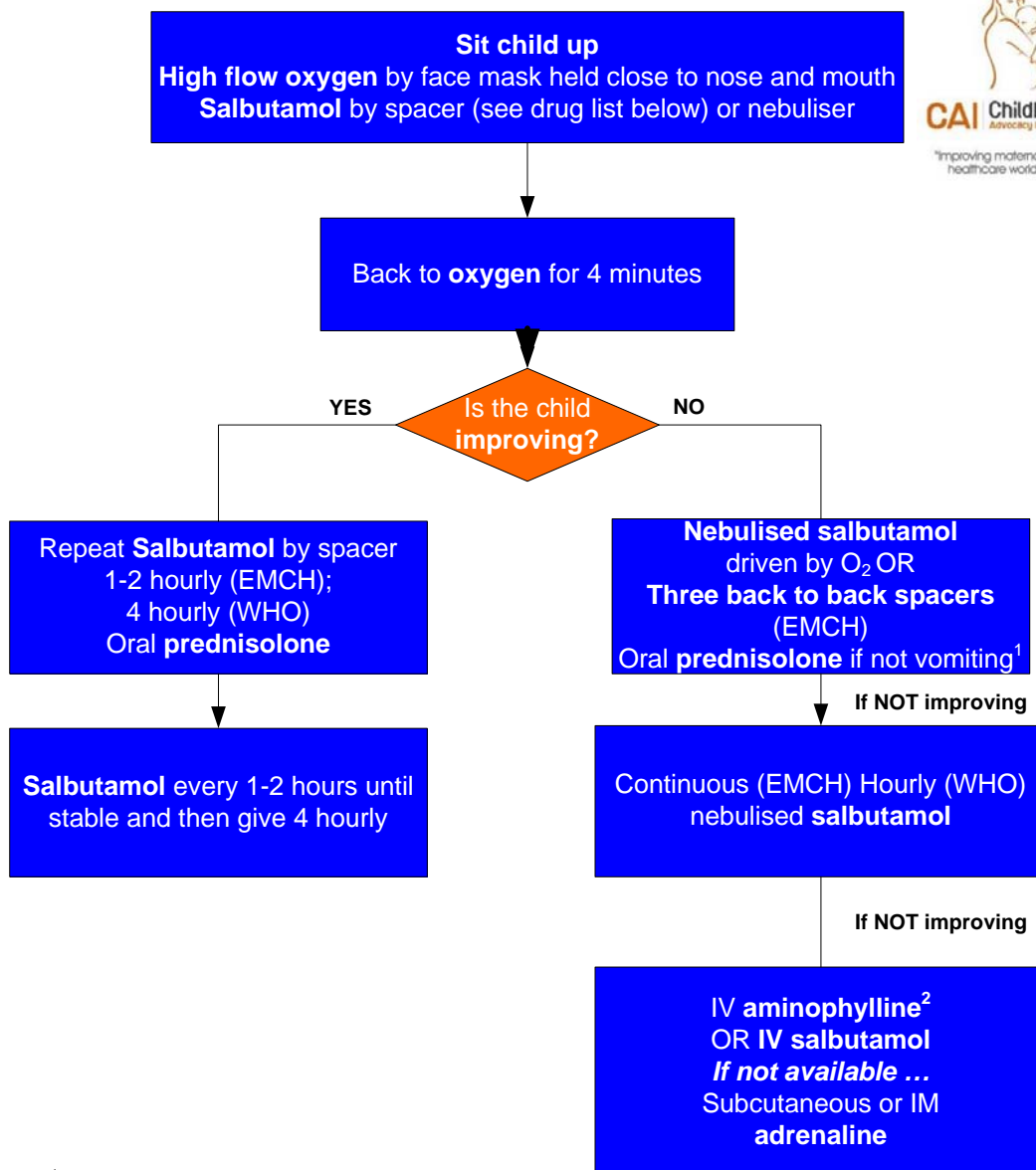


# Severe asthma in a child > 1 yr (wheezing)

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## Notes

- <sup>1</sup> If vomiting give IV hydrocortisone 4mg/kg instead of prednisolone  
<sup>2</sup> 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