Adjunctive Therapies

**Terbutaline**

**Recommendation**: Weak recommendation with low-quality evidence to use IV terbutaline in a monitored care setting for the treatment of children with severe asthma exacerbations.

**Dosage:**

- **Bolus**
  - 10 mcg/kg (Range 2-10 mcg/kg)

- **Infusion**
  - Starting dose 0.5 mcg/kg/min
  - (Range 0.5 mcg/kg-3 mcg/kg/min)
  - Titrate up in 0.5 mg/kg/min increments to MAX 3 mcg/kg/min

**Non-Invasive Positive Pressure Ventilation**

**Recommendation**: Strong recommendation with low quality evidence for the use of non-invasive positive pressure ventilation prior to intubation in children with severe asthma exacerbations.

**Heliox**

**Not Recommended**: Low quality evidence to use Heliox in the treatment of children with asthma exacerbations.

**SQ Terbutaline or Epinephrine**

**Not Recommended**: Low-quality evidence to use subcutaneous terbutaline or epinephrine with severe asthma exacerbations.
Children's Hospital Association of Texas
Safety and Quality Collaborative
Asthma Management Pathway (ED and IP)

Adjunctive Therapies

References:

Terbutaline

Adjunctive Therapies

Non-Invasive Positive Pressure Ventilation (NPPV)


Heliox

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