


Section: Pediatric Medical
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1. Basic ALS Treatments
2. **Albuterol:** (nebulized)
 - a. For weight < 20 kg, administer 2.5 mg via nebulizer q 20 minutes PRN
 - b. For weight \geq 20 kg, administer 5 mg via nebulizer q 20 minutes PRN
3. **Methylprednisolone:**
 - a. **Children \leq 12 years**, 1 mg/kg (max dose 80 mg) IV/IO over 1-2 minutes, or IM if IV/IO is not available.
 - b. **Children > 12 years**, 80 mg IV/IO over 1 – 2 minutes, or IM if IV/IO is not available.
4. **Magnesium Sulfate:** If the patient does not respond to beta agonists and the patient is in severe respiratory distress:
 - a. 40 mg/kg in 50 mL of **normal saline** infused over 20 minutes
 - i. Monitor the patient closely for respiratory depression.
 - b. Be prepared to provide ventilatory support while administering **magnesium sulfate**.
5. **Epinephrine:** If unable to nebulize the patient or the patient is unresponsive to nebulized medication:
 - a. 0.01 mg/kg IM of 1:1,000 (max single dose of 0.3 mg)
 - b. Use caution with severe tachycardia or hypertensive patients