

***MFR & Basic EMT-Epinephrine Study  
Pediatric Bronchospasm***

**Pre-Medical Control:**

**MFR/EMT/SPECIALIST/PARAMEDIC**

1. Follow **Pediatric Assessment and Treatment Protocol**.
2. Assist the patient in using their own Albuterol Inhaler, if available

**EMT/SPECIALIST**

3. Albuterol may be indicated. Refer to **Nebulized Bronchodilators Procedure**.
4. Consider CPAP, if available, per **CPAP/BiPAP Procedure**.

**MFR/EMT/SPECIALIST/PARAMEDIC**

5. In cases of severe respiratory distress/failure:
  - a. If child weighs less than 10 kg (approx. 20 lbs.), contact medical control prior to Epinephrine if possible.
  - b. If child weighs between 10-30 kg (approx. 60 lbs.), administer Epinephrine 1 mg/mL, 0.15 mg (0.15 ml) IM OR via pediatric Epinephrine auto-injector.
  - c. If child weighs greater than 30 kg, administer Epinephrine 1 mg/mL, 0.3 mg (0.3 ml) IM OR via Epinephrine auto-injector.

**PARAMEDIC**

6. Per MCA selection, administer Bronchodilator per **Nebulized Bronchodilators Procedure**.
7. Per MCA selection, if a second nebulized treatment is needed also administer Prednisone OR Methylprednisolone.

<p><b><u>Medication Options:</u></b></p> <p><b><u>Prednisone</u></b> 50 mg tablet PO (Children 6 and above, if tolerated)</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b><u>Methylprednisolone</u></b> 2 mg/kg IV/IO, (maximum dose 125 mg)</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
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8. Consider CPAP/BiPAP (if available) per **CPAP/BiPAP Procedure**.

*Genesee County Medical Control Authority Special Study Protocol*

**Pediatric Treatment Protocols  
PEDIATRIC BRONCHOSPASM**

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**Post-Medical Control:**

**MFR/EMT/SPECIALIST/PARAMEDIC**

1. Additional Epinephrine IM:
  - a. If child weighs between 10-30 kg (approx. 60 lbs.), administer Epinephrine 1 mg/mL, 0.15 mg (0.15 ml) IM OR via pediatric epinephrine auto-injector.
  - b. If child weighs greater than 30 kg, administer Epinephrine 1 mg/mL 0.3 mg (0.3 ml) IM OR via adult epinephrine auto-injector.