Pediatric Bronchospasm

Pre-Medical Control:

MFR/EMT/SPECIALIST/PARAMEDIC
1. Follow Pediatric Assessment and Treatment Protocol.

MFR/EMT/SPECIALIST
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. In cases of severe respiratory distress:
   A. If child appears to weigh 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 Epi-Pen Jr.
   C. Child weighing greater than 30 kg; administer Epi-Pen.

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

   Medication Options:

   Prednisone
   50 mg tablet PO
   (Children 6 and above, if tolerated)
   □ YES ✔ NO

   Methylprednisolone
   2 mg/kg IV/IO,
   (maximum dose 125 mg)
   ✔ YES □ NO

7. If patient is in severe respiratory distress;
   A. If child appears to weigh 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 1:1000, 0.15 mg (0.15 ml) IM OR via Epi-Pen Jr., if available.
   C. Child weighing greater than 30 kg; administer Epinephrine 1:1000, 0.3 mg (0.3 ml) IM OR via Epi-Pen if available.
8. Consider CPAP/BiPAP (if available) per CPAP/BiPAP Procedure.

**Post-Medical Control:**
1. Consider additional Epinephrine 1:1000, 0.01 mg/kg (0.01 ml/kg) IM, to a maximum dose of 0.3 mg (0.3 ml).
Follow Pediatric Assessment & Treatment Protocol

Albuterol may be indicated. Refer to Nebulized Bronchodilators Procedure

In cases of severe respiratory distress:
- If child appears to weigh less than 10 kg (approx. 20 lbs.); contact Medical Control prior to Epinephrine if possible.
- If child weighs between 10-30 kg (approx. 60 lbs.); administer Epi-Pen Jr.
- Child weighing greater than 30 kg; administer Epi-Pen.

Per MCA selection, administer Bronchodilator per Nebulized Bronchodilators Procedure.

Per MCA selection, if a second nebulized treatment is needed also administer Prednisone OR Methylprednisolone

If patient is in severe respiratory distress:
- If child appears to weigh less than 10 kg (approx. 20 lbs.); contact Medical Control prior to Epinephrine if possible.
- If child weighs between 10-30 kg (approx. 60 lbs.) administer 1:1000, 0.15 mg (0.15 ml) IM OR via Epi-Pen Jr., if available.
- Child weighing greater than 30 kg; administer Epinephrine 1:1000, 0.3 mg (0.3 ml) IM OR via Epi-Pen if available.

Consider CPAP/BiPAP (if available) per CPAP/BiPAP Procedure

Contact Medical Control

Consider additional Epinephrine 1:1000, 0.01 mg/kg (0.01 ml/kg) IM, to a maximum dose of 0.3 mg (0.3 ml)

Medication Options

**Prednisone**
50 mg tablet PO
(Children 6 and above, if tolerated)

- YES
- NO

**Methylprednisolone**
2 mg/kg IV/IO,
(maximum dose 125 mg)

- YES
- NO