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. Consider CPAP, if available, per **CPAP/BiPAP Procedure.**
5. In cases of severe respiratory distress/failure:
   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

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.

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

8. If patient is in severe respiratory distress/failure:
   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.

9. 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**

Per MCA selection,administer Bronchodilator per **Nebulized Bronchodilators Procedure.**

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

If patient is in severe respiratory distress/failure:

- 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)