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

Medication Options:

<table>
<thead>
<tr>
<th>Prednisone</th>
<th>50 mg tablet PO</th>
<th>(Children 6 and above, if tolerated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] YES</td>
<td>[ ] NO</td>
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<table>
<thead>
<tr>
<th>Methylprednisolone</th>
<th>2 mg/kg IV/IO, (maximum dose 125 mg)</th>
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<tbody>
<tr>
<td>[ ] YES</td>
<td>[ ] NO</td>
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</tbody>
</table>

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

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.

Contact Medical Control

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

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]