

Pediatric Anaphylaxis/Allergic Reaction

Pre-Medical Control

MFR/EMT/SPECIALIST/PARAMEDIC

1. Follow **Pediatric Assessment and Treatment Protocol**.
2. Determine substance or source of exposure, remove patient from source if known and able.
3. Assist the patient in administration of their own epinephrine auto-injector, if available.

EMT/SPECIALIST

4. In cases of severe allergic reaction, wheezing or hypotension:
 - 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.
5. Albuterol may be indicated. Refer to **Nebulized Bronchodilators Procedure**.

PARAMEDIC

6. If patient is symptomatic, administer diphenhydramine 1 mg/kg IM/IV/IO (maximum dose 50 mg).
7. In cases of severe allergic reaction, wheezing or hypotension:
 - A. If child appears to weigh less than 10 kg (approx. 20 lbs.), contact medical control prior to epinephrine if possible.
 - B. Child weighing less than 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. In cases of profound anaphylactic shock (near cardiac arrest):
 - A. Administer Epinephrine 1:10,000, 0.01 mg/kg (0.1 ml/kg) slow IV/IO to a maximum of 0.3 mg (3 ml).
9. Per MCA selection, administer Bronchodilator per **Nebulized Bronchodilators Procedure**.

Michigan

Pediatric Treatment Protocols

PEDIATRIC ANAPHYLAXIS/ALLERGIC REACTION

Date: May 31, 2012

Page 2 of 3

10. Per MCA Selection administer Prednisone **OR** Methylprednisolone.

<p><u>Medication Options:</u></p> <p><u>Prednisone</u> 50 mg tablet PO (Children 6 and above, if tolerated)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><u>Methylprednisolone</u> 2 mg/kg IV/IO, (maximum dose 125 mg)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>
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Post-Medical Control:

1. Additional Epinephrine 1:1,000, 0.01 mg/kg (0.01 ml/kg) IM to a maximum of 0.3 mg (0.3 ml), OR via auto-injector.
2. Administer Epinephrine 1:10,000, 0.01 mg/kg (0.1 ml/kg) to a maximum of 0.3 mg (3 ml) slow IV/IO.

Pediatric Treatment Protocols

PEDIATRIC ANAPHYLAXIS/ALLERGIC REACTION

