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**.

10. Per MCA Selection 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

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.

Follow **Pediatric Assessment & Treatment Protocol**

- Determine substance or source of exposure, remove patient from source if known and able
- Assist the patient in administration of their own epinephrine auto-injector, if available.

If patient symptomatic, administration diphenhydramine 1 mg/kg IM/IV/IO (max dose 50 mg)

In cases of severe allergic reaction, wheezing or hypotension:

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

In cases of profound anaphylactic shock (near cardiac arrest): 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)

Per MCA selection administer Bronchodilator per **Nebulized Bronchodilator Procedure**.
Per MCA selection administer Prednisone **OR** Methylprednisolone.

Contact Medical Control

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

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.

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