

Southeast Michigan Regional Protocol

Genesee, HEMS (Wayne), Lapeer, Macomb, Oakland, and Washtenaw/Livingston MCA's

Pediatric Anaphylactic Reaction

This protocol serves as a guide for the care of the pediatric patient experiencing an allergic or anaphylactic reaction.

Pre-Radio

MFR/EMT/SPECIALIST/PARAMEDIC

1. Follow General Pre-Hospital Care Protocol.
2. Determine level of distress.
 - a. Hives/Rash
 - b. Respiratory Distress (wheezing, stridor, etc.)
 - c. Cyanosis
 - d. Hypotension

SPECIALIST/PARAMEDIC

3. Start an IV NS KVO.

PARAMEDIC

4. If severe distress, Epinephrine 1:1000, 0.01 ml/kg SQ to a maximum dose 0.3 mg (0.3 ml).
5. If signs of respiratory distress, Albuterol (Proventil, Ventolin) 2.5 mg in 3 ml of NS by nebulizer.
6. Administer Diphenhydramine (Benadryl) 1 mg/kg IV/IM (maximum dose 25 mg), if indicated.

Post-Radio

PARAMEDIC

7. If hypotensive, administer 20 ml/kg NS bolus.
8. Repeat Epinephrine 1:1000, 0.01 ml/kg SQ to a maximum dose 0.3 mg (0.3 ml), every 15 minutes, as indicated.
9. Repeat Albuterol (Proventil, Ventolin) 2.5 mg in 3 ml of NS by nebulizer as often as indicated.
10. Administer Epinephrine 1:10,000, 0.1 ml/kg IV to a maximum dose 0.5 mg (5.0 ml), as indicated.