
Anaphylaxis/Allergic Reaction
For use in MCA with Draw Up Epinephrine Approval

1. Follow **General Pre-Hospital Care Protocol**.
2. Determine substance or source of exposure, remove patient from source if known and able.
-  3. Assist patient administration of their epinephrine auto-injector, if available.
4. In cases of severe allergic reaction, wheezing or hypotension, administer Epinephrine (1mg/mL) 0.3 mg (0.3 ml) IM.
 -  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 pediatric epinephrine dose (1mg/1mL) 0.15 mg (0.15 ml) IM.
 - c. For adults and children weighing greater than 30 kg; administer epinephrine dose (1mg/mL) 0.3 mg (0.3 ml) IM
 - d. May repeat at 3-5 minute intervals if the patient remains hypotensive, if available.
5. Albuterol may be indicated. Refer to **Nebulized Bronchodilators Procedure**.
-  6. Administer a Normal Saline IV/IO fluid bolus in the presence of hypotension
 - a. The standard NS IV/IO fluid bolus volume will be up to 1 liter, wide open, repeated as necessary, unless otherwise noted by protocol. IV/IO fluid bolus is contraindicated with pulmonary edema.
 - b. Fluid should be slowed to TKO when SBP greater than 90 mm/Hg.
 -  c. For pediatrics, fluid bolus should be 20 mL/kg, and based on signs/symptoms of shock.
7. In cases of profound anaphylactic shock (near cardiac arrest), severe respiratory distress, and/or angioedema, administer Epinephrine.
 - a. Adult (1mg/1mL) 0.3 mg (0.3mL) IM may repeated 1 time in 3-5 minutes if patient is still hypotensive.
 -  b. If child appears to weigh less than 10 kg (approx. 20 lbs.), contact medical control prior to epinephrine, if possible.
 - c. If child weighs between 10-30 kg (approx. 60 lbs.); administer pediatric epinephrine dose (1mg/1mL) 0.15 mg (0.15 ml) IM.
 - d. If child weighs 30 kg or greater; administer Epinephrine (1mg/1mL) 0.3 mg (0.3 mL) IM
 - e. May repeat 1 time in 3-5 minutes if patient is still hypotensive.



8. If patient is symptomatic, administer Diphenhydramine.

a. Adult 50 mg IM or IV/IO.



b. Pediatric 1 mg/kg IM/IV/IO (maximum dose 50 mg.)

9. Albuterol may be indicated. Refer to **Nebulized Bronchodilators Procedure**.

10. Per MCA selection, administer Prednisone OR Methylprednisolone.

Medication Options:

Prednisone 50 mg tablet PO

Methylprednisolone 125 mg IV



Pediatric 2 mg/kg IV (max 125 mg)



11. If patient is symptomatic after treatment without hypotension.



a. Additional Epinephrine (1 mg/mL) 0.3 mg (0.3 ml) IM (all levels)



b. Additional Epinephrine (0.1 mg/mL) 0.3 mg (3 ml) slow IV/IO if critically ill (near cardiac arrest).