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:**

- *(x) Prednisone 50 mg tablet PO*
- *(x) 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).