

Detroit East Medical Control Authority
Special Study Protocol
Adult Treatment Protocols

Date: March, 2016

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Basic EMT-Epinephrine Study
Anaphylaxis/Allergic Reaction

Pre-Medical Control

MFR/EMT/SPECIALIST/PARAMEDIC

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.

EMT/SPECIALIST

4. In cases of severe allergic reaction, wheezing or hypotension, administer Epinephrine 1 mg/mL 0.3 mg (0.3 ml) IM OR via adult epinephrine auto-injector.
5. Albuterol may be indicated. Refer to **Nebulized Bronchodilators Procedure**.

SPECIALIST

6. Administer a NS IV/IO fluid bolus up to 1 liter, wide open as indicated.

PARAMEDIC

4. In cases of severe allergic reaction, wheezing or hypotension:
 - a. Administer Epinephrine 1 mg/mL, 0.3 mg (0.3 ml) IM OR via auto-injector
5. In cases of profound anaphylactic shock (near cardiac arrest):
 - a. Administer Epinephrine 0.1 mg/mL, 0.3 mg (3 ml) slow IV/IO.
6. Administer a NS IV/IO fluid bolus up to 1 liter, wide open as indicated.
7. If patient is symptomatic, administer diphenhydramine 50 mg IM or IV/IO.
8. Per MCA selection, administer Bronchodilator per **Nebulized Bronchodilators Procedure**.
9. Per MCA selection, administer Prednisone **OR** Methylprednisolone.

<u>Medication Options:</u>	
<u>Prednisone</u> 50 mg tablet PO	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<u>Methylprednisolone</u> 125 mg IV	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

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Post-Medical Control:

EMT/SPECIALIST/PARAMEDIC

1. Additional Epinephrine IM:
 - a. Administer additional Epinephrine 1 mg/mL, 0.3 mg (0.3 ml) IM OR via adult Epinephrine auto-injector.

PARAMEDIC

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