

# Southern Illinois Regional EMS System

## EE-2 ALLERGIC REACTIONS/ ANAPHYLAXIS - ADULT

### BLS

- Adult Patient Assessment and General Care protocol
- Pay special attention to previous allergen history and present event.
  
- Mild Symptoms (localized urticaria and/or local edema):
  - Continue to observe/maintain airway and breathing.
  - O2 by cannula if sat<95% or anxious
  - Watch for signs of progressing anaphylaxis
  - Contact Medical Control
  - Transport
  
- Generalized Symptoms: (generalized urticaria {hives} , pruritis {itching}, and/or edema).
  - Secure/maintain airway.
  - Oxygen 100% NRB.
  - Watch for signs of progressing anaphylaxis
  - Consider ALS upgrade
  - Contact Medical Control
  - Transport
  
- Severe Symptoms (airway or respiratory involvement, facial edema, or hypoperfusion):
  - Oxygen 100% NRB
  - **Epinephrine Auto Injector 0.3 mg IM**, or
    - **Epinephrine 1:1000 0.3 mg IM** (> 30 kg / 66 lbs)
      - From 1mg/1mL vial
      - Using 1 mL syringe
      - Using 22 ga. 1.5 inch needle
      - Using the vastus lateralis (lateral thigh) injection site
  - Contact Medical Control
  - Consider **Albuterol 2.5mg** in 2mL NS via nebulizer.
  - Transport ASAP.
- DO NOT DELAY TRANSPORT WAITING FOR A RESPONSE

### ILS/ALS

- Adult Patient Assessment and General Care protocol
- Pay special attention to previous allergen history and present event.
  
- Mild Symptoms (localized urticaria and/or local edema):
  - Continue to observe/maintain airway and breathing.
  - O2 by cannula if sat<95% or anxious
  - Watch for signs of progressing anaphylaxis
  - Contact Medical Control
  - Transport

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## EE-2 ALLERGIC REACTIONS/ ANAPHYLAXIS - ADULT

- Generalized Symptoms: (generalized urticaria {hives} , pruritis {itching}, and/or edema).
  - Secure/maintain airway
  - Oxygen 100% NRB
  - Continue IV NS at TKO
    - Be prepared for fluid challenge if condition worsens
  - Consider **Diphenhydramine 50 mg** IV/IM
  - Watch for signs of progressing anaphylaxis
  - Contact Medical Control
  - Transport
  
- Severe Symptoms (airway or respiratory involvement, facial edema, or hypoperfusion):
  - Oxygen 100% NRB
  - **Epinephrine (1:1000) 0.3 mg** IM/SQ
    - May repeat x1 after 10 minutes, if minimal or no response
  - If signs of hypotension/hypoperfusion exist
    - IV fluid challenge in 200 mL increments
  - Contact Medical Control
  - Consider **Diphenhydramine 50 mg** IV/IM
  - Consider **Albuterol 2.5mg** in 2mL NS via nebulizer
  - Transport ASAP.
  
- DO NOT DELAY TRANSPORT WAITING FOR A RESPONSE