

**MEHLVILLE FIRE PROTECTION DISTRICT  
EMERGENCY MEDICAL SERVICES  
GUIDELINES FOR PREHOSPITAL EMERGENCY CARE**

**SUBJECT: 1000.10  
PEDIATRICS:  
ALLERGIC REACTION  
ANAPHYLAXIS**

**ORIGINAL ISSUE 05/08  
LATEST REVISION 10/13**

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**Pre-Hospital Actions:**

- For signs and symptoms of anaphylaxis, begin oxygen therapy; assist respirations with PPV as needed.
- Consider placing **venous** tourniquet proximal to sting or injection site and/or ice pack at sting or injection site.
- Start Normal Saline IV. Consider fluid bolus - 20 cc/kg.
- May administer Albuterol 2.5 mg mixed with Atrovent 0.5 mg via nebulizer. If no improvement, may nebulize continuously with Albuterol. 2.5 mg.
- Diphenhydramine HCL (Benadryl) 1 mg/kg IV/IM (maximum dose = 50 mg).
- Administer epinephrine (1:1000) 0.01 mg/kg IM in the vastus lateralis (anterolateral thigh) muscle for any patient in true anaphylaxis. **Exercise caution in pediatric patients with a heart rate greater than 130.**

**STANDARD PRECAUTIONS MUST BE OBSERVED.**