



## PEDIATRIC ALLERGIC REACTION

### BASIC EMT

1. Remove offending agent if possible.
2. Assist patient with administration of own Epi-pen or Epi-pen Jr.
3. BLS may administer Epi-pen (if available).
  - > 15 – 30 kg Epi-pen Jr.
  - > Greater than 30 kg Epi-pen

### ADVANCED EMT

4. **Albuterol**
  - > less than 10 kg 2.5 mg aerosol
  - > greater than 10 kg 5 mg aerosol
  - > may repeat as needed reassessing every 5 minutesOR

#### **Xopenex (levalbuterol)**

- > 0.625 mg aerosol
- > May repeat as needed



**Start here if anaphylactic reaction, then give above medications second.**

6. **Epinephrine**
  - > **1:1000** 0.01mg/kg (0.01 ml/kg) IM maximum 0.3 mg (0.3 ml)
  - > Repeat every 5 - 10 min as needed X 2
7. **Normal Saline**
  - > 20 ml / kg for hypotension

### PARAMEDIC

8. **Benadryl(diphenhydramine)**
  - > 1 mg/kg IV, IO, IM
  - > Maximum 50 mg
9. **Epinephrine IV**
  - > For severe, life-threatening reactions (shock, severe bronchospasm or stridor), unresponsive to IM Epinephrine
  - > Mix Epinephrine 1 mg in NS 1000 ml
  - > Piggyback into wide open IV / IO
  - > Start at 0.1 ml/kg/min (0.1 mcg/kg/min) and titrate to effect by 0.1 ml/kg/min every 1 minute to age appropriate systolic blood pressure