PEDIATRIC ANAPHYLAXIS AND ALLERGIC REACTION - ALS

Secure and maintain airway

Severity of reaction?

SEVERE SYMPTOMS OR > 1 MILD SYMPTOM*

SINGLE MILD SYMPTOM**

*Severe symptoms of an allergic reaction may include any combination of the following:

RESPIRATORY – Shortness of breath, wheezing, repetitive coughing
CARDIOVASCULAR – Pale, cyanotic, low blood pressure, dizzy
THROAT – Tightness, hoarse, trouble breathing/swallowing
MOUTH – Swelling of the tongue and/or lips
SKIN - Diffuse hives or redness
GI – Repetitive vomiting, severe diarrhea
NEURO – Anxiety, confusion, sense of doom

**Mild symptoms of an allergic reaction may include any combination of the following:

NOSE – Itchy/runny nose, sneezing
MOUTH – Itching
SKIN - Few hives, mild itching
GI – Mild nausea/discomfort

Establish vascular access

Epinephrine 0.01 ml/kg (0.01 mg/kg) IM 1:1,000
(Maximum 0.3mg per single dose)

Benadryl 1 mg/kg IM/IV/IO
(Maximum 50mg)

If wheezing, Albuterol 2.5 mg via nebulizer
Repeat Albuterol as needed

Administer fluid bolus 20 ml/kg
Repeat as indicated

Sustained severity/deterioration?

Repeat Epinephrine
0.01 ml/kg (0.01 mg/kg) IM 1:1,000
(Maximum 0.3mg per single dose)

Sustained severity/deterioration?

Epinephrine 0.1 ml/kg (0.01 mg/kg) IV/IO 1:10,000
Repeat every 5 minutes as indicated

Transport and contact Medical Control as appropriate