

PEDIATRIC ALLERGIC REACTION

ALWAYS USE BODY SUBSTANCE ISOLATION PRECAUTIONS

INDICATION

- Exposure to allergens causing airway, breathing and/or circulatory impairment

CRITICAL INFORMATION

- Treat according to length based color-coded resuscitation tape. Apply corresponding wrist band.
- Neonate = birth to four weeks; infant = four weeks to 1 year; child = 1-14 years; adolescent = >14 years
- Exposure to common allergens (stings, drugs, nuts, seafood, meds), prior allergic reactions
- Presence of respiratory symptoms (wheezing, stridor)

TREATMENT

- ALS RMC
- Mild (hives, rash)
 - **Benadryl** 1mg/kg IM (MR in 10 minutes; max. dose 50 mg)
- Moderate (swelling of mucous membranes, bronchospasms)/ Severe (ALOC, hypoperfusion):
 - **Epinephrine** IM (1:1000) 0.01mg/kg (MR in 15 minutes); max. dose 0.5 mg
 - **Albuterol** 2.5 mg/3 ml NS HHN if bronchospasms present; MR X1 if no improvement
 - If hypotensive, fluid challenge **NS** 20 ml/kg IV/IO, MR
 - If no palpable pulse or BP; **Epinephrine** IV/IO (1:10,000) 0.01mg/kg; MR q 3-5 minutes

SPECIAL CONSIDERATION

- **Glucagon** 0.03 mg/kg IM for patients on beta blockers to reverse blockage

DOCUMENTATION- ESSENTIAL ELEMENTS

- Allergen if known