

# PEDIATRIC ALLERGIC REACTION

ALWAYS USE STANDARD PRECAUTIONS

## INDICATION

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

## CRITICAL INFORMATION

- Treat according to length based color-coded resuscitation tape and in conjunction with the Pediatric Dosing Guide (P18A). 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 / Severe
  - **Epinephrine** 0.01mg/kg IM (1mg/ml concentration); MR in 5 minutes; max. total dose is 0.6 mg
  - **Benadryl** 1mg/kg IM/IV/IO (MR in 10 minutes; max. dose 50 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 unresponsive/ no palpable BP /no palpable pulse: go to Pediatric Cardiac Arrest Policy, P1

## DOCUMENTATION- ESSENTIAL ELEMENTS

- Allergen if known