

APPROVED: SIGNATURE ON FILE IN EMS OFFICE
Executive Director

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SUPERSEDES: _____

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SIGNATURE ON FILE IN EMS OFFICE
Medical Director

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PAGE: 1 OF 1

PEDIATRIC ALLERGIC REACTION

- I. AUTHORITY: Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE: To serve as the treatment standard for EMT-Is and EMT-Ps in treating patients.
- III. PROTOCOL:

STANDING ORDERS

ABC's

REMOVE ALLERGEN If possible (e.g. bee stinger) and apply ice to site.

OXYGEN

MONITOR Treat rhythm as appropriate.

MILD REACTION
(hives, rash, swelling)

IV ACCESS TKO with microdrip tubing and volume control chamber.

DIPHENHYDRAMINE 1 mg/kg IV/IO/IM (maximum dose 50 mg) for severe itching.

SEVERE REACTION/ANAPHYLAXIS (~~Anaphylactic Shock~~)
(wheezing, stridor, hypotension, severe respiratory depression, oral swelling, altered mental status, ~~chest tightness~~)

EPINEPHRINE 0.01 mg/kg of 1:1,000 SQ, IM, IG, (maximum dose 0.5 mg).

IV/IO ACCESS TKO with microdrip tubing and volume control chamber.

DIPHENHYDRAMINE 1 mg/kg IV/IO/IM (maximum dose 50 mg) for severe itching.

ALBUTEROL If wheezing or stridor: 3.0 ml in 15 ml saline (or 6 unit dose vials) via nebulizer over 1 hour, or until symptoms improve. If patient intubated, administer dose through aerosol holding chamber. Repeat as needed.

BASE PHYSICIAN ORDERS

EPINEPHRINE 0.01 mg/kg of 1:10,000 IV/IO (maximum dose 0.1 mg) (1.0 ml), if low systolic BP and severe respiratory distress. May repeat every 1-2 minutes to Broselow Tape systolic BP target or improved ventilation.