

STANDING DELEGATION ORDER
MANAGEMENT OF POST-INJECTION REACTION



DEFINITIONS:

Localized Reaction: itching, rash, swelling at the injection site

Systemic Reaction: difficulty breathing, dizziness, syncope, vomiting and rash over entire body

In the event of an adverse reaction to a therapeutic injection or immunization, clinical staff should respond as indicated:

In the event of a localized reaction:

- Offer Benadryl, PO, if available. See dosing reference table.
- Apply ice pack to injection site.
- Monitor for 60 minutes from onset of reaction.
- Inform nursing supervisor or provider at site of patient's condition.

In the event of a systemic reaction:

- Initiate Emergency Response Protocol
- Inform Provider. If no provider present, call 911
- Epinephrine (see dosing reference table) may be given Q15 minutes, maximum 2 injections. For patients who take beta-blockers, Benadryl should be used, as epinephrine will be ineffective.
- Benadryl, IM may be given for patients who take beta-blockers or are not responding to epinephrine. See dosing reference table.

This policy and procedure shall remain in effect for all patients of HealthPOiNT/BVCAA until rescinded or until December 31, 2016.

Medical Director's signature: _____

A handwritten signature in black ink, appearing to be "A. Smith", written over a horizontal line.

Effective date: January 1, 2016

Dosing Reference Table

Dosing Reference Table Post Injection Reaction

Diphenhydramine, oral (12.5mg/5cc for pedi, 25mg tab for adol/adults)

5 kg = 2.5 ml

10 kg = 5 ml

15 kg = 7.5 ml

20 kg = 10 ml; ≥ 20 kg may take 1 tab instead

40 kg = 20 ml; ≥ 40 kg may take 2 tabs instead

Diphenhydramine, parenteral (50 mg/ml) - Intramuscular

Pedi < 40 kg, ½ ml

Adults and Pedi ≥ 40 kg, 1 ml

Epinephrine (1:1000) – given via tuberculin syringe and given subcutaneous

5 kg = 0.05 ml

10 kg = 0.10 ml

15 kg = 0.15 ml

20 kg = 0.20 ml

40 kg = 0.30 ml

> 40 kg = 0.5 ml

Approximate Weights

Pedi

1 yr old \approx 10 kg, 22 #

3 yr old \approx 15 kg, 33 #

5 yr old \approx 20 kg, 44 #

7 yr old \approx 25 kg, 55 #

9 yr old \approx 30 kg, 66 #

11 yr old \approx 35 kg, 77 #

13 yr old \approx 45 kg, 100 #

15 yr old \approx 55 kg, 120 #

17 yr old \approx 65 kg, 145 #

Adults

175 # \approx 80 kg

200 # \approx 90 kg

225 # \approx 100 kg

250 # \approx 115 kg