

BRAZOS VALLEY COMMUNITY HEALTH CENTERS

Standing Delegation Order

Subject/Title: Management of Post-Injection Reaction
Applicability: All Brazos Valley Community Health Clinics
Purpose: To facilitate timely patient care should a patient have an adverse reaction to a therapeutic injection or vaccine given by a member of BVCHC clinical staff.

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

- Localized reaction: Itching, rash, swelling at injection site
 - 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.

- Systemic reaction: difficulty breathing, dizziness, syncope, vomiting and rash over entire body
 - Initiate Emergency Response Protocol
 - Inform provider. If no provider is 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.

Dosing Reference Table

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 tab instead

Diphenhydramine, parenteral (50mg/ml) – give via tuberculin syringe

Pedi < 40 kg, ½ ml

Adults and Pedi ≥ 40 kg, 1 ml

Epinephrine (1:1000) – give via tuberculin syringe

5 kg = 0.05 ml

10 kg = 0.10 ml

15 kg = 0.15 ml

20 kg = 0.2 ml

40 kg = 0.3 ml

> 40 kg = 0.5 ml

Approximate Weights

Pedi	Adults
1 yr old \approx 10 kg, 22 #	175 # \approx 80 kg
3 yr old \approx 15 kg, 33 #	200 # \approx 90 kg
5 yr old \approx 20 kg, 44 #	225 # \approx 100 kg
7 yr old \approx 25 kg, 55 #	250 # \approx 115 kg
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 #	