

II. A. TREATMENT OF ANAPHYLAXIS:

1. IMMEDIATELY do the following:
 - a. Ask someone to call 911 and assess ABCs
 - b. Lay patient flat to prevent empty ventricle syndrome
 - c. Administer epinephrine using correct needle length for client²
2. If no improvement in condition, repeat epinephrine dose every 5–15 minutes for up to 3 doses, depending on patient's response.
3. **Do not delay transport; DO NOT WAIT FOR MILD SYMPTOMS TO SUBSIDE.**
4. Take and record the patients' vital signs (pulse, respirations) at the initial assessment, and at minimum – every 5 minutes, and following the administration of any additional medication.⁵ See optional Adverse Event Record Tool.
5. Monitor until Emergency Medical Services arrive.
6. Give report and list of medications given to emergency medical personnel upon arrival.
7. Complete your documentation.

If at any time the patient suffers Respiratory **or Cardiac Arrest**, **start CPR immediately.** Apply AED if available. Initiate Oxygen if available.

Any client who develops signs and symptoms of anaphylaxis MUST be examined by a physician or transported via a fully equipped emergency vehicle to an emergency department. Any refusal of transport must be dealt with by EMS personnel.

See APPENDIX A for signs and symptoms of anaphylaxis.

II. B. ANAPHYLAXIS: Inject EPINEPHRINE 1:1000 (aqueous): 0.01 mg/kg of body weight up to 0.5mg maximum dose. May be repeated every 5–15 minutes for a total of 3 doses.

- Give intramuscularly (IM) in the vastus lateralis muscle of the thigh, regardless of age, either by auto injector or by syringe and needle, through the clothing if necessary.^{1–4}

Suggested dosing of Epinephrine for children and adults: consider needle length ^{1,8}				
Age Group	Weight in lbs	Weight in Kg	Epinephrine injectable (1:1000 dilution); IM =(1mg/mL) Minimum dose: 0.05mL [§]	Epinephrine auto-injector 0.15mg or 0.3 mg
1–6 months	9–19 lbs	4–8.5 kg	0.05 ml (or mg)	N/A
7–36 months	20–32 lbs	9–14.5 kg	0.1 ml (or mg)	N/A
37–59 months	33–39 lbs	15–17.5 kg	0.15 ml (or mg)	0.15mg/dose
5–7 years	40–56 lbs	18–25.5 kg	0.25 ml (or mg)	0.15mg/dose
8–10 years	57–76 lbs	26–34.5 kg	0.3 ml* (or mg)	0.15 mg/dose or 0.3mg/dose
11–12 years	77–99 lbs	35–45 kg	0.4 ml (or mg)	0.3mg/dose
≥13 years	100+ lbs	46+ kg	0.5 ml [◇] (or mg)	0.3mg/dose

Note: Dose by weight is preferred. If weight is not known, dosing by age is appropriate.⁵

* Maximum dose for children.

◇ Maximum dose for teens and adults.

§ Subcutaneous injection is no longer recommended.^{2–4}