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 client.¹

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.**⁴ 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 for signs and symptoms of anaphylaxis.
II. B. ANAPHYLAXIS Cont.:

**EPINEPHRINE SDV and MDV** 1:1000 (aqueous): 0.01 mg/kg of body weight up to 0.5mg maximum dose. **Or** to dose large teens and adults accurately. 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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Weight in lbs</th>
<th>Weight in Kg</th>
<th>Epinephrine injectable (1:1000 dilution); IM = (1mg/mL) Minimum dose: 0.05mL§</th>
<th>Epinephrine auto–injector 0.15mg or 0.3 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 years</td>
<td>40–56 lbs</td>
<td>18–25.5 kg</td>
<td>0.25 ml (or mg)</td>
<td>0.15mg/dose</td>
</tr>
<tr>
<td>8–10 years</td>
<td>57–76 lbs</td>
<td>26–34.5 kg</td>
<td>0.3 ml* (or mg)</td>
<td>0.15 mg/dose or 0.3mg/dose</td>
</tr>
<tr>
<td>11–12 years</td>
<td>77–99 lbs</td>
<td>35–45 kg</td>
<td>0.4 ml (or mg)</td>
<td>0.3mg/dose</td>
</tr>
<tr>
<td>≥13 years</td>
<td>100+ lbs</td>
<td>46+ kg</td>
<td>0.5 ml◊ (or mg)</td>
<td>0.3mg/dose</td>
</tr>
</tbody>
</table>

Note: Dose by weight is preferred. If weight is not known, dosing by age is appropriate.4

* Maximum dose for children.

◊ Maximum dose for teens and adults. § Subcutaneous injection is no longer recommended.2–4