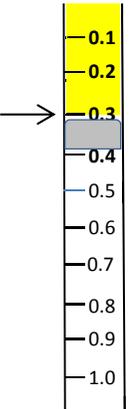
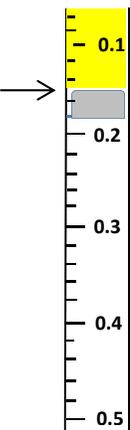
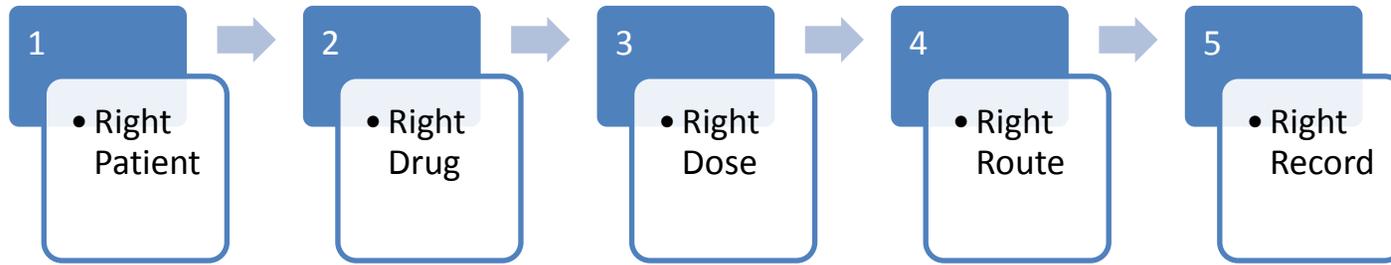


CHECK & INJECT

Epinephrine Injection Process

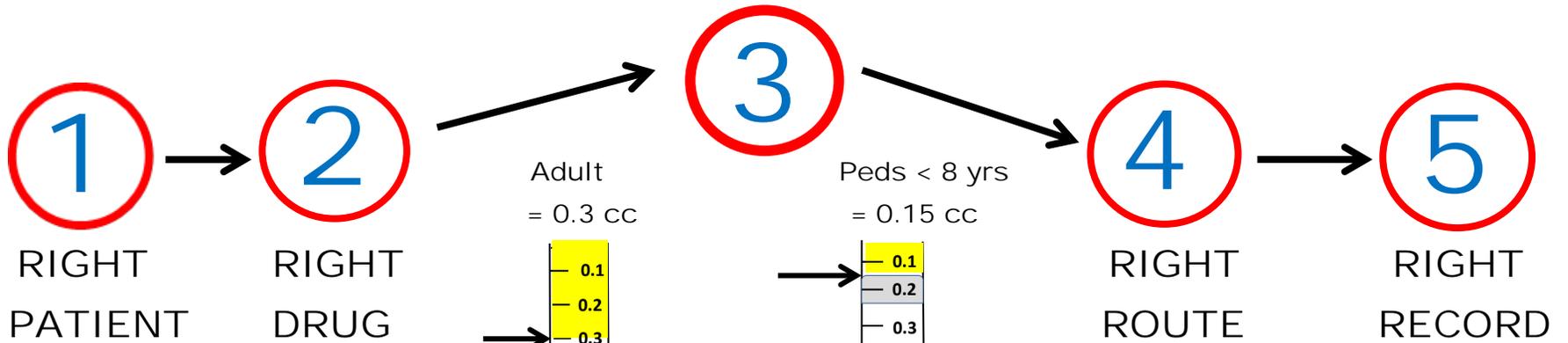
1	2	3	4	5
<p>MEETS CRITERIA</p> <p><input type="checkbox"/></p> <p>VERIFY NEED</p> <p>TRIGGER</p> <ul style="list-style-type: none"> ▪ Food allergy ▪ Insect sting ▪ Drug allergy <p>SYMPTOMS</p> <ul style="list-style-type: none"> ○ Respiratory distress ○ Oral swelling ○ Hypotension ○ Hives <ul style="list-style-type: none"> - Diffuse - Progressive 	<p>VERIFY DRUG</p> <p><input type="checkbox"/></p> <p>CONFIRM MEDS</p> <p>1:1000 Epinephrine</p> <ul style="list-style-type: none"> ▪ Expiration date ▪ Contents: <ul style="list-style-type: none"> - Clear ? 	<p>VERIFY DOSAGE</p> <p><input type="checkbox"/></p> <p>DRAW UP DOSE</p> <p>Adult = 0.3 cc</p>  <p>Peds < 8 yrs. = 0.15 cc</p> 	<p>PREP & INJECT</p> <p><input type="checkbox"/></p> <p>PREP PATIENT</p> <p>Clean Injection Site</p> <ul style="list-style-type: none"> ▪ Lateral thigh ▪ Alcohol wipe <p>Insert Needle</p> <ul style="list-style-type: none"> ▪ 90 degrees ▪ Lack of blood return 	<p>MONITOR</p> <p><input type="checkbox"/></p> <p>MONITOR & DOCUMENT</p> <p>Reassure patient</p> <p>Monitor for:</p> <ul style="list-style-type: none"> ▪ Response ▪ Side effects <p>Provide oxygen for respiratory distress</p> <p>Monitor every 5 min.</p> <p>Update ambulance/ER on:</p> <ul style="list-style-type: none"> - Patient status - Response to injection <p>Document</p> <ul style="list-style-type: none"> - date - time - dose - location of injection - patient response



Adult
- 0.3mg
=0.3ml

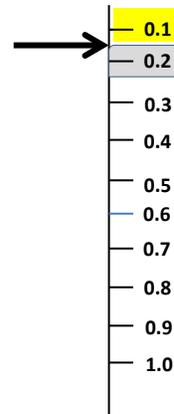
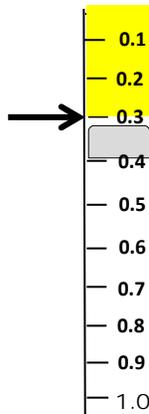
RIGHT
DOSE

Child <8yo
- 0.15mg
=0.15ml



Adult
= 0.3 cc

Peds < 8 yrs
= 0.15 cc



See reverse side for details



Emergency Medical Responder Manual Epinephrine Intramuscular Injection Training Points

Training Aids:

- Training slide set
- IM Injection video from WCTC, CD copy (edited) or internet access to YouTube
 - o <https://www.youtube.com/watch?v=0SIGON65yNY>
 - o Provided by WCTC as open EMS education
- Allergy/Anaphylaxis protocol examples or local protocols
- Epinephrine Check & Inject reference sheets as visual prompts
- Skills & Procedure manual or page copy
- Skills testing check sheet or similar check sheet from local training program
- EMR Advanced Skills form to update Op Plan

Required Equipment:

- Training 1ml vials and ampoules
 - o MUST train with both due to frequent medication shortages;
 - o Epinephrine: 1ml ampoule, \$5
 - o Simulation equipment sites available. Examples:
 - Demo Dose clear ampoules \$6.50/10-pack: <http://www.pocketnurse.com/Departments/Parenteral/06-93-2012N.html>
 - Wallcur Practi-1ml Mini Amp \$75/100-case: [http://www.wallcur.com/Products/Practi-1-mL-Mini-Amp-\(for-training\)_412MA.aspx](http://www.wallcur.com/Products/Practi-1-mL-Mini-Amp-(for-training)_412MA.aspx)
 - o Vials may be refilled with saline/water. Keep flip tops.
 - o Ask local training center/college or hospital about expired medications.
- Filter needle/straw for ampoules
- Blunt medication transfer device for vials—Only have 1 possible needle to use for injection. Avoid confusion.
- 1ml syringe with Luer lock tip [must be 1ml only for safety; Luer lock avoids needle slippage]
- Needles: 22-23g 1.25 inch needle with safety device (self-covering or retracting sheath), adequate for adults and children
- Alcohol wipes
- Gauze pads
- Cover bandage
- PPE: gloves +/- goggles/eye shield
- Sharps container
- Injection practice substance
 - o Oranges, eggplants, bananas have all been recommended.
 - o mannequin leg/arm with IM injection pad

Teaching Points:

- Maximize safety: Carefully open glass ampoules. Never recap needles. Use sharps disposal.
- Patient assessment
- Visual aids to double-check doses: 0.15ml or 0.3ml
- Only 1 needle to be used and it goes into the patient
- Inject like a dart
- Reassess patient for symptoms and response. May repeat dose in 10 minutes.
- Must document in WARDS report.