

# ALLERGIC REACTION/ANAPHYLAXIS - PEDIATRIC

<b>EMR</b>	<ul style="list-style-type: none"> <li>❑ Routine Medical Assessment and Intervention.</li> <li>❑ Consider present history and possible cause (ex. bites/stings, toxic substances, nuts, fish, fruit, medications, etc).</li> <li>❑ Evaluate for signs of a severe systemic reaction which will likely require rapid intervention and/or administration of Epinephrine:             <ul style="list-style-type: none"> <li>○ Edema, hypotension, respiratory distress, vomiting.</li> </ul> </li> <li>❑ Oxygen as needed.</li> <li>❑ <b>May utilize automatic injector device</b> <ul style="list-style-type: none"> <li>○ <b>Epinephrine Jr. (0.15mg)</b></li> </ul> </li> </ul>	<b>EMR</b>
<b>EMT</b>	<ul style="list-style-type: none"> <li>❑ <b>Epinephrine 1:1000 0.01 mg/kg IM.</b> May repeat if the following remain: blood pressure &lt; 90, Heart rate &gt; 100, with associated signs of shock, and no response to initial Epinephrine. If more than 2 doses of Epi needed, <b>contact OLMC.</b></li> <li>❑ <b>May assist with prescribed metered dose inhaler</b> – administer as indicated on prescription</li> </ul>	<b>EMT</b>
<b>AEMT</b>	<ul style="list-style-type: none"> <li>❑ Initiate vascular access as needed and indicated</li> <li>❑ Obtain ECG as needed and indicated</li> <li>❑ <b>Administer Normal Saline 10 – 20 ml/kg.</b></li> </ul>	<b>AEMT</b>
<b>EMT-I</b>	<ul style="list-style-type: none"> <li>❑ Consider administration of <b>Benadryl 1 - 2 mg/kg IV/IO or IM</b> following administration of Epinephrine or for more mild reactions.</li> <li>❑ If no response to IM Epinephrine, may contact <b>OLMC</b> to request use of <b>IV Epinephrine 1:10,000 0.1 mg/kg slow IV/IO over 3 minutes.</b></li> </ul>	<b>EMT-I</b>
<b>PARAMEDIC</b>	<ul style="list-style-type: none"> <li>❑ If no response to above treatments, where available may consider <b>Epinephrine Drip at 0.4 mcg/min</b>, titrate to effect, max 10 mcg/min.</li> <li>❑ When available, may consider administration of <b>Solu-Medrol 2 mg/kg IV/IO/IM</b> (max of 125mg)</li> </ul>	<b>PARAMEDIC</b>

## Clinical Care Pearls

- ❑ Epinephrine Drip: Mix 8 mg 1:1000 in 1000 ml NS. See flow rates in Medication Drip Appendix