



# Yolo County Emergency Medical Services Agency

## Protocols

Revised Date: June 1, 2023

<b>INGESTION - OVERDOSE - POISONING</b>	
<b>Adult</b>	<b>Pediatric</b>
<b>BLS</b>	
Consider calling Poison Control Assess vital signs O <sub>2</sub> , titrate SpO <sub>2</sub> ≥ 94% Assist ventilations as needed Suction as needed	
<b>BLS Local Scope</b>	
Blood Glucose Check	
<b>If mental status and respiratory effort are depressed and suspected opioid overdose</b>	
<b>Naloxone (Narcan) 2 mg IN</b> <ul style="list-style-type: none"> <li>½ dose per nare</li> <li>May repeat x 1</li> <li>Max dose 4 mg</li> </ul> <p style="text-align: center; margin: 10px 0;"><u>Or</u></p> <b>Naloxone (Narcan) Preload IN</b> <ul style="list-style-type: none"> <li>OK to give <b>4 mg</b> dose as packaged</li> </ul>	
<b>ALS</b>	
Cardiac Monitor, Waveform EtCO <sub>2</sub> , Vascular Access	
<b>If mental status and respiratory effort are depressed and suspected opioid overdose</b>	
<b>Naloxone (Narcan) 0.4 mg increments IV/IO</b> <ul style="list-style-type: none"> <li>titrated to a respiratory rate ≥ 12 and SpO<sub>2</sub> of 94%</li> <li>May repeat to a max of <b>6 mg</b></li> </ul> <p style="margin-left: 40px;"><u>If unable to obtain vascular access:</u></p> <b>Naloxone (Narcan) 2 mg IN</b> <ul style="list-style-type: none"> <li>½ dose per nare</li> <li>May repeat x 1</li> <li>Max dose 4 mg</li> </ul> <p style="text-align: center; margin: 10px 0;"><u>Or</u></p> <b>Naloxone (Narcan) Preload IN</b> OK to give <b>4 mg</b> dose as packaged	<b>Naloxone (Narcan) 0.1 mg/kg IV/IO/IM</b> <ul style="list-style-type: none"> <li>May repeat x 2 every 2 - 3 minutes</li> <li>Max single dose 2 mg</li> </ul> <p style="text-align: center; margin: 10px 0;"><u>Or</u></p> <b>Naloxone (Narcan) 0.1 mg/kg IN</b> <ul style="list-style-type: none"> <li>½ dose per nare</li> <li>May repeat x 1</li> <li>Max single dose 2 mg</li> </ul>



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Adult	Pediatric
<b>ALS cont.</b>	
<p style="text-align: center;"><u>Following reversal of overdose</u></p> <p><b>See Opioid Withdrawal Protocol</b> for treatment considerations</p>	
<b>Beta Blockers</b>	<b>BS &lt; 60 mg/dL</b>
<p><b>Glucagon 1 mg IV/IO</b></p> <ul style="list-style-type: none"> <li>• Given over 1 minute</li> <li>• No repeat</li> </ul> <p style="text-align: center;"><u>Or</u></p> <p><b>Glucagon 1 mg IM/IN</b></p> <ul style="list-style-type: none"> <li>• No repeat</li> </ul> <p style="text-align: center;"><u>If no response to Glucagon</u></p> <p><b>Atropine 1.0 mg IV/IO</b></p> <ul style="list-style-type: none"> <li>• May repeat every 5 minutes</li> <li>• Max 3 mg</li> </ul> <p style="text-align: center;">If SBP &lt; 90 and HR &lt; 50</p> <p><b>PUSH DOSE Epinephrine (1:100,000)</b></p> <ul style="list-style-type: none"> <li>• <u>1 mL every 1-5 minutes</u></li> <li>• Until SBP &gt; 90</li> </ul> <p><b>Consider TCP</b></p>	<p><b>Dextrose 10% in NS 250 mL IV</b> (See <i>Infusion Chart on the next page</i>)</p> <ul style="list-style-type: none"> <li>• Infuse wide open</li> </ul> <p style="text-align: center;"><u>If no IV/IO</u></p> <p><b>Glucagon 0.5 mg IM/IN</b></p> <ul style="list-style-type: none"> <li>• No repeat</li> </ul>
<b>Tricyclic Antidepressants</b>	
<u>If any of following are present</u>	
<ul style="list-style-type: none"> <li>• SBP &lt; 90 mmHg</li> <li>• QRS &gt; 0.12 seconds</li> <li>• Seizures</li> </ul> <p><b>Sodium Bicarbonate 1 mEq/kg IV/IO</b></p> <ul style="list-style-type: none"> <li>• No repeat</li> </ul>	



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<b>Organophosphate or Carbamate Pesticides</b>	<b>Pediatric Dextrose 10% in 250 mL Infusion Chart</b>																																	
<p style="text-align: center;"><u>HR &lt; 50 BPM</u></p> <p><b>Atropine 2 mg IV/IO</b></p> <ul style="list-style-type: none"> <li>• May repeat every 3 minutes</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 33%;">AGE</th> <th style="width: 33%;">WEIGHT</th> <th style="width: 33%;">VOLUME D 10% 25 gm</th> </tr> </thead> <tbody> <tr><td>Preemie</td><td>2 kg</td><td>10 mL</td></tr> <tr><td>Newborn</td><td>3 kg</td><td>15 mL</td></tr> <tr><td>3 months</td><td>5 kg</td><td>25 mL</td></tr> <tr><td>6 months</td><td>7 kg</td><td>35 mL</td></tr> <tr><td>1 - 2 years</td><td>11 kg</td><td>55 mL</td></tr> <tr><td>3 - 4 years</td><td>15 kg</td><td>75 mL</td></tr> <tr><td>5 - 6 years</td><td>19 kg</td><td>95 mL</td></tr> <tr><td>7 - 8 years</td><td>24 kg</td><td>120 mL</td></tr> <tr><td>9 - 10 years</td><td>31 kg</td><td>155 mL</td></tr> <tr><td>11 - 15 years</td><td>40 kg</td><td>200 mL</td></tr> </tbody> </table>	AGE	WEIGHT	VOLUME D 10% 25 gm	Preemie	2 kg	10 mL	Newborn	3 kg	15 mL	3 months	5 kg	25 mL	6 months	7 kg	35 mL	1 - 2 years	11 kg	55 mL	3 - 4 years	15 kg	75 mL	5 - 6 years	19 kg	95 mL	7 - 8 years	24 kg	120 mL	9 - 10 years	31 kg	155 mL	11 - 15 years	40 kg	200 mL
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<ul style="list-style-type: none"> <li>• Contact Base Hospital for additional treatment</li> </ul>	<ul style="list-style-type: none"> <li>• Overdose/poisoning in the pediatric population is dynamic and requires rapid transport</li> <li>• Contact Base Hospital for additional treatment</li> </ul>																																	