



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: May 1, 2025

INGESTION - OVERDOSE - POISONING	
Adult	Pediatric
BLS	
Consider calling Poison Control Assess vital signs O_2 , titrate $SpO_2 \geq 94\%$ Assist ventilations as needed Suction as needed	
BLS Local Scope	
Blood Glucose Check	
If mental status and respiratory effort are depressed and suspected opioid overdose	
Naloxone (Narcan) 2 mg IN <ul style="list-style-type: none">• $\frac{1}{2}$ dose per nare• May repeat x 1• Max dose 4 mg	
<u>Or</u>	
Naloxone (Narcan) Preload IN <ul style="list-style-type: none">• OK to give 4 mg dose as packaged	
ALS	
Cardiac Monitor, Waveform $EtCO_2$, Vascular Access	
If mental status and respiratory effort are depressed and suspected opioid overdose	
Naloxone (Narcan) 0.4 mg increments IV/IO <ul style="list-style-type: none">• titrated to a respiratory rate ≥ 12 and SpO_2 of 94%• May repeat to a max of 6 mg <p><u>If unable to obtain vascular access:</u></p> Naloxone (Narcan) 2 mg IN <ul style="list-style-type: none">• $\frac{1}{2}$ dose per nare• May repeat x 1• Max dose 4 mg <p><u>Or</u></p> Naloxone (Narcan) Preload IN <ul style="list-style-type: none">• OK to give 4 mg dose as packaged	Naloxone (Narcan) 0.1 mg/kg IV/IO/IM <ul style="list-style-type: none">• May repeat x 2 every 2 - 3 minutes• Max single dose 2 mg <p><u>Or</u></p> Naloxone (Narcan) 0.1 mg/kg IN <ul style="list-style-type: none">• $\frac{1}{2}$ dose per nare• May repeat x 1• Max single dose 2 mg



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ALS (cont.)	
<p><u>Following reversal of overdose</u></p> <p>See Opioid Withdrawal Protocol for treatment considerations</p>	
Beta Blockers	Beta Blockers
<p>Glucagon 1 mg IV/IO</p> <ul style="list-style-type: none">○ Given over 1 minute○ No repeat <p><u>Or</u></p> <p>Glucagon 1 mg IM</p> <ul style="list-style-type: none">○ No repeat <p><u>If no response to Glucagon</u></p> <p>Atropine 1.0 mg IV/IO</p> <ul style="list-style-type: none">○ May repeat every 5 minutes○ Max 3 mg <p>If SBP < 90 and HR < 50</p> <p>PUSH DOSE Epinephrine (1:100,000) 1 mL</p> <ul style="list-style-type: none">• <u>Every 1-5 minutes</u>• Until SBP > 90 <p>Consider TCP</p>	<p>Glucagon 0.1 mg/kg IV/IO/IM</p>
Tricyclic Antidepressants	Tricyclic Antidepressants
<p><u>If any of following are present</u></p> <ul style="list-style-type: none">• SBP < 90 mmHg• QRS > 0.12 seconds• Seizures <p>Sodium Bicarbonate 1 mEq/kg IV/IO</p> <ul style="list-style-type: none">• No repeat	<p><u>With tachycardia and signs of QRS widening</u></p> <p>Sodium Bicarbonate 1 mEq/kg IV/IO</p> <ul style="list-style-type: none">• May repeat every 10 minutes at $\frac{1}{2}$ the initial dose with persistent wide QRS



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Organophosphate or Carbamate Pesticides	Organophosphate or Carbamate Pesticides
See NERVE AGENT TREATMENT Protocol	See NERVE AGENT TREATMENT Protocol
Direction	
<ul style="list-style-type: none">• Contact Base Hospital for additional treatment• Document COWS score on all opioid reversals	<ul style="list-style-type: none">• Overdose/poisoning in the pediatric population is dynamic and requires rapid transport• Contact Base Hospital for additional treatment