



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

INGESTION - OVERDOSE - POISONING	
Adult	Pediatric
BLS	
Consider calling Poison Control Assess vital signs O ₂ , titrate SpO ₂ ≥ 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"> ½ dose per nare May repeat x 1 Max dose 4 mg 	
ALS	
Cardiac Monitor, Waveform EtCO ₂ , Vascular Access	
If mental status and respiratory effort are depressed and suspected opioid overdose	
Naloxone (Narcan) 2 mg IV/IO/IM <ul style="list-style-type: none"> May repeat as needed <p style="text-align: center;"><u>Or</u></p> Naloxone (Narcan) 2 mg IN <ul style="list-style-type: none"> ½ dose per nare May repeat as needed 	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 style="text-align: center;"><u>Or</u></p> Naloxone (Narcan) 0.1 mg/kg IN <ul style="list-style-type: none"> ½ dose per nare May repeat x 1 Max single dose 2 mg



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Adult	Pediatric
ALS cont.	
Beta Blockers	BS < 60 mg/dL
<p>Glucagon 1 mg IV/IO</p> <ul style="list-style-type: none"> • Given over 1 minute • No repeat <p style="text-align: center;"><u>Or</u></p> <p>Glucagon 1 mg IM/IN</p> <ul style="list-style-type: none"> • No repeat <p style="text-align: center;"><u>If no response to Glucagon</u></p> <p>Atropine 0.5 mg IV/IO</p> <ul style="list-style-type: none"> • May repeat every 5 minutes • Max 3 mg <p style="text-align: center;"><u>SBP < 70 mmHg</u></p> <p>Epinephrine (1:10,000) 0.1 mg IV/IO</p> <ul style="list-style-type: none"> • Repeat until SBP > 90 mmHg 	<p>Dextrose 10% in NS 250 mL IV (See <i>Infusion Chart</i> below)</p> <ul style="list-style-type: none"> • Infuse wide open <p style="text-align: center;"><u>If no IV/IO</u></p> <p>Glucagon 0.5 mg IM/IN</p> <ul style="list-style-type: none"> • No repeat
	Pediatric Dextrose 10% in 250 mL Infusion Chart
Tricyclic Antidepressants	
<p style="text-align: center;"><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 	
Organophosphate or Carbamate Pesticides	
<u>HR < 50 BPM</u>	
<p>Atropine 2 mg IV/IO</p> <ul style="list-style-type: none"> • May repeat every 3 minutes 	

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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ALS cont.	
Direction	
<ul style="list-style-type: none">Contact Receiving ED Physician for additional treatment	<ul style="list-style-type: none">Overdose/poisoning in the pediatric population is dynamic and requires rapid transportContact Receiving ED Physician for additional treatment