



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

ALTERED LEVEL OF CONSCIOUSNESS (ALOC)	
Adult	Pediatric
Indication	
Glasgow Coma Scale (GCS) is < 15 and etiology unclear	
BLS	
Assess vital signs Consider SMR for suspected trauma O ₂ , titrate SpO ₂ to ≥ 94% Assist ventilations as needed Temperature Suction as needed	
BLS Local Scope	
Blood Glucose Check	
Blood Sugar (BS) < 60 mg/dL or un-measurable	
Glucose Paste 1 tube by mouth (PO) <u>Or</u> Commercially prepared Glucose Solution, 1 bottle by mouth (PO) Do not administer if patient is unconscious, lethargic, or unable to drink fluids	
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	
BS < 60 mg/dL	
Dextrose 10% 25 gm in NS 250 mL IV/IO <ul style="list-style-type: none"> • Infuse wide open <p style="text-align: center;"><u>If no IV/IO</u></p> Glucagon 1 mg IM/IN <ul style="list-style-type: none"> • No repeat 	Dextrose 10% in NS 250 mL IV <i>(See Infusion Chart below)</i> <ul style="list-style-type: none"> • Infuse wide open <p style="text-align: center;"><u>If no IV/IO</u></p> Glucagon 0.5 mg IM/IN <ul style="list-style-type: none"> • No repeat



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

Adult	Pediatric																																	
ALS cont.																																		
If mental status and respiratory effort are depressed and suspected opioid overdose																																		
<p>Naloxone (Narcan) 2 mg IV/IO/IM</p> <ul style="list-style-type: none"> • May repeat as needed <p style="text-align: center;"><u>Or</u></p> <p>Naloxone (Narcan) 2 mg IN</p> <ul style="list-style-type: none"> • ½ dose per nare • May repeat as needed 	<p>Naloxone (Narcan) 0.1 mg/kg IV/IO/IM</p> <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> <p>Naloxone (Narcan) 0.1 mg/kg IN</p> <ul style="list-style-type: none"> • ½ dose per nare • May repeat x 1 • Max single dose 2 mg 																																	
Pediatric Dextrose 10% in 250 mL Infusion Chart																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <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
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																																



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

Adult	Pediatric
ALS cont.	
Consider	
<ul style="list-style-type: none">• Consider diabetic related complications (hypoglycemia/diabetic ketoacidosis)• Consider carbon monoxide toxicity• Consider 12-Lead ECG <p>AEIOU-TIPS</p> <ul style="list-style-type: none">• Alcohol• Epilepsy/Endocrine/Electrolytes/Exocrine• Inulin/Infection• Overdose/Oxygen deprivation• Uremia• Trauma/Temperature• Psychois/Porphyria/Poison• Stroke/Shock/Sepsis/Space occupying lesion/Subarachnoid hemorrhage <p><i>*Refer to appropriate treatment protocol</i></p>	
Direction	
<ul style="list-style-type: none">• Contact Receiving ED Physician for additional treatment	