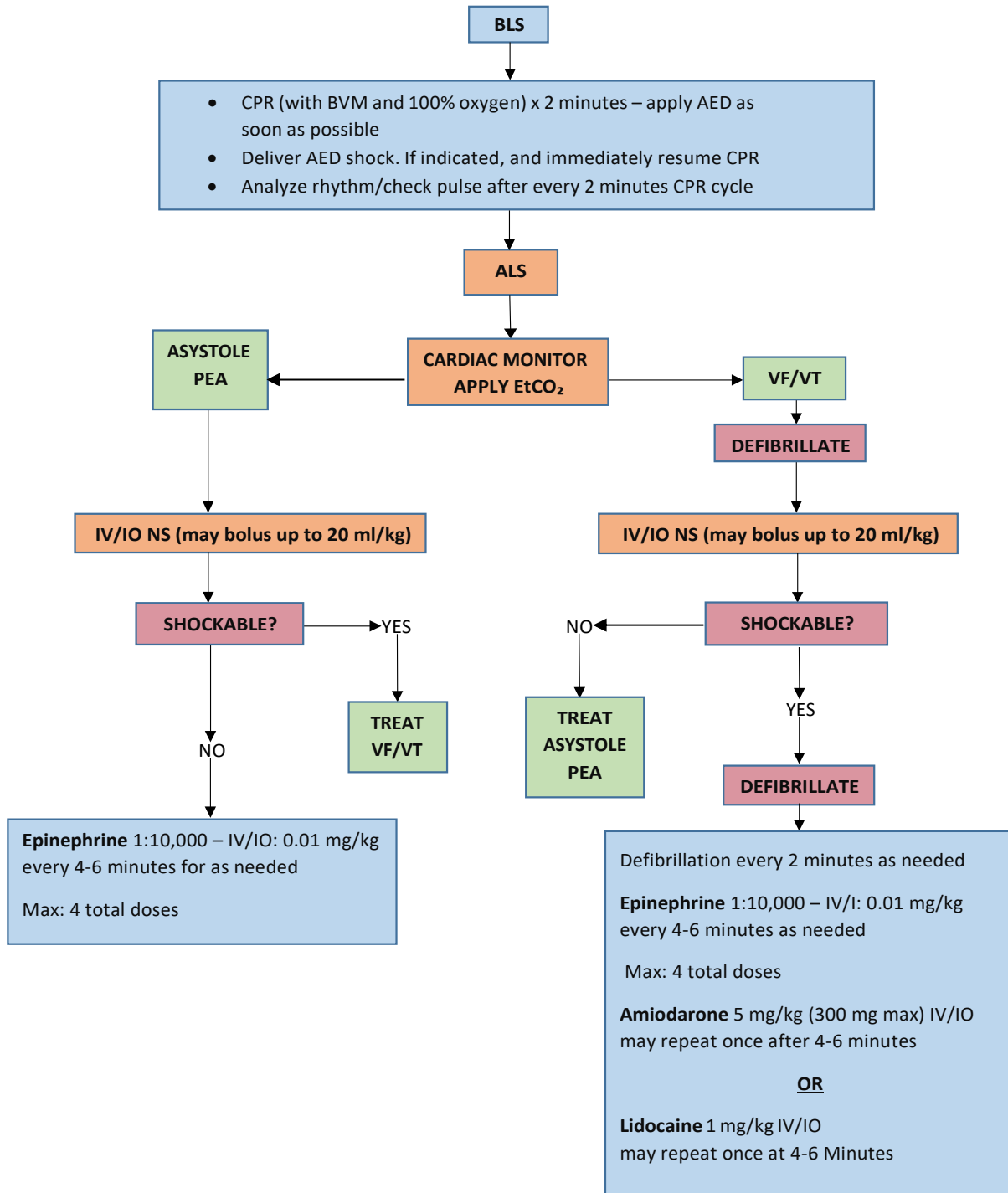


Effective Date: July 15, 2022

Last Review: New Policy

Next Review: July 2024

**Authority:** Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9



## POLICY PEDIATRIC C1 CARDIAC ARREST

Effective Date: July 15, 2022

Last Review: New Policy

Next Review: July 2024

**Authority:** Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9

INFANT CPR - MANUAL CHEST COMPRESSIONS	CHILD CPR - MANUAL CHEST COMPRESSIONS
<ul style="list-style-type: none"> <li>1 rescuer - 2 finger compression 30:2 compression/ventilation ratio</li> <li>2 rescuers – two (2) thumbs with hands encircling chest 15:2 compression/ventilation ratio</li> <li>Rate - 100-120/minute</li> <li>Depth - 1/3 diameter of chest (approx. 1.5")</li> <li>Rotate compressor every 2 minutes</li> <li>Limit pause in CPR to &lt; 10 seconds</li> <li>Perform CPR during AED/defibrillator charging</li> <li>Resume CPR immediately after shock</li> </ul>	<ul style="list-style-type: none"> <li>1 or 2 hand compressions 1 rescuer - 30:2 compression/ventilation ratio 2 rescuers - 15:2 compression/ventilation ratio</li> <li>Rate - 100-120/minute</li> <li>Depth - 1/3 diameter of chest (approx. 2")</li> <li>Rotate compressor every 2 minutes</li> <li>Limit pause in CPR to &lt; 10 seconds</li> <li>Perform CPR during AED/defibrillator charging</li> <li>Resume CPR immediately after shock</li> </ul>
DEBRILLATION AND GENERAL PATIENT MANAGEMENT	AIRWAY MANAGEMENT
<ul style="list-style-type: none"> <li>Analyze rhythm and check pulse every 2 minutes pre-charge monitor 20 seconds before check</li> <li>AED – use peds pads on patients &lt; 8 years If peds pads are not available use adult pads, make sure the pads do not touch each other</li> <li>Manual defibrillation - 2 joules/kg, then 4 joules/kg as needed</li> <li>Perform a minimum of 10 minutes of CPR before considering transport, if able perform resuscitation on scene</li> </ul>	<ul style="list-style-type: none"> <li>If using BLS airway, maintain good mask seal for accurate EtCO<sub>2</sub> reading – two (2) hand mask seal if adequate personnel on scene</li> <li>Do not interrupt CPR to establish an advanced airway</li> <li>All advanced airways need waveform EtCO<sub>2</sub> applied if available, if not use color metric EtCO<sub>2</sub></li> </ul>
CONSIDER REVERSIBLE CAUSES	TERMINATION OF RESUSCITATION
<ul style="list-style-type: none"> <li>Hypovolemia</li> <li>Hypoxia</li> <li>Hydrogen Ion (acidosis)</li> <li>Hypo/hyperkalemia</li> <li>Hypothermia</li> <li>Tamponade, cardiac</li> <li>Tension pneumothorax</li> <li>Thrombosis, pulmonary</li> <li>Thrombosis, cardiac</li> <li>Toxins</li> </ul> <p>Contact Base Hospital if any questions</p>	<ul style="list-style-type: none"> <li>If no reversible causes are identified and ALS interventions have been performed for 30 minutes</li> <li>Contact Base Hospital for Termination of resuscitation</li> </ul>