

<b>Neonatal Resuscitation</b>	
<b>BLS Procedures</b>	
<p style="text-align: center;"><b>Newly Born Infant</b></p> <p>Provide warmth, dry briskly and discard wet linen</p> <ul style="list-style-type: none"> <li>Suction ONLY if secretions, including meconium, cause airway obstruction</li> </ul> <p>Assess while drying infant</p> <ol style="list-style-type: none"> <li>Full term?</li> <li>Crying or breathing?</li> <li>Good muscle tone?</li> </ol> <p>If "YES" to all three</p> <ul style="list-style-type: none"> <li>Place skin-to-skin with mother</li> <li>Cover both with dry linen</li> <li>Observe breathing, activity, color</li> </ul> <p>If "NO" to any of three</p> <ul style="list-style-type: none"> <li>Stimulate briefly (&lt;15 seconds) <ul style="list-style-type: none"> <li>Flick soles of infant's feet</li> <li>Briskly rub infant's back</li> </ul> </li> <li>Provide warm/dry covering</li> <li>Continue to assess</li> </ul>	<p style="text-align: center;"><b>Infant up to 48 hours old</b></p> <p>Provide warmth</p> <ul style="list-style-type: none"> <li>Suction ONLY if secretions cause airway obstruction</li> <li>Stimulate briefly (&lt;15 seconds) <ul style="list-style-type: none"> <li>Flick soles of infant's feet</li> <li>Rub infant's back with towel</li> </ul> </li> </ul> <p>Provide warm/dry covering</p> <p>Continue to assess</p>
<p>Assess Breathing</p> <ul style="list-style-type: none"> <li>If crying or breathing, assess circulation</li> <li>If apneic or gasping <ul style="list-style-type: none"> <li>Positive pressure ventilations (PPV) with BVM and ROOM AIR at 40-60 breaths per minute for 30 seconds <ul style="list-style-type: none"> <li>Continue PPV, reassessing every 30 seconds, until infant is breathing adequately</li> </ul> </li> <li>Reassess breathing, assess circulation</li> </ul> </li> </ul> <p>Assess Circulation</p> <ul style="list-style-type: none"> <li>If HR between 60 and 100 bpm <ul style="list-style-type: none"> <li>PPV with BVM and ROOM AIR at 40-60 breaths per minute for 30 seconds <ul style="list-style-type: none"> <li>Continue PPV, reassessing every 30 seconds, until infant maintains HR &gt;100 bpm</li> </ul> </li> </ul> </li> <li>If HR &lt; 60 bpm <ul style="list-style-type: none"> <li>CPR at 3:1 ratio for 30 seconds <ul style="list-style-type: none"> <li>90/min compressions</li> <li>30/min ventilations</li> <li>Continue CPR, reassessing every 30 seconds, until HR &gt; 60 bpm</li> </ul> </li> <li>If no improvement after 90 seconds of ROOM AIR CPR, add supplemental O<sub>2</sub> until HR &gt; 100</li> </ul> </li> </ul>	
<b>ALS Prior to Base Hospital Contact</b>	
Establish IO line only in presence of CPR	
<p>Asystole OR Persistent Bradycardia &lt; 60 bpm</p> <ul style="list-style-type: none"> <li><b>Epinephrine 0.1mg/mL</b> <ul style="list-style-type: none"> <li>IO – 0.01mg/kg (0.1mL/kg) q 3-5 min</li> </ul> </li> </ul>	<p style="text-align: center;">PEA</p> <ul style="list-style-type: none"> <li><b>Epinephrine 0.1mg/mL</b> <ul style="list-style-type: none"> <li>IO – 0.01mg/kg (0.1mL/kg) q 3-5 min</li> </ul> </li> <li><b>Normal Saline</b> <ul style="list-style-type: none"> <li>IO bolus – 10mL/kg</li> </ul> </li> </ul>
<b>Base Hospital Orders only</b>	
Consult with ED Physician for further treatment measures	
<p>Additional Information:</p> <ul style="list-style-type: none"> <li>Resuscitation efforts may be withheld for extremely preterm infants (&lt; 21 weeks or &lt; 9 inches long). Sensitivity to the desires of the parent(s) may be considered. If uncertain as to gestational age, begin resuscitation.</li> </ul>	

Effective Date: July 1, 2018  
Next Review Date: June 30, 2020

Date Revised: June 14, 2018  
Last Reviewed: June 14, 2018



VCEMS Medical Director