



4801

**Neonatal  
Resuscitation****Treatment Protocol**

Last Reviewed: October 4, 2022

Last Revised: July 1, 2023

**BLS Patient Management****ALS Patient Management**

<b>APGAR</b>	<b>0</b>	<b>1</b>	<b>2</b>	
<b>Appearance</b>	Blue	Pink Core / Blue Extremities	Pink	<ul style="list-style-type: none"><li>Establish, maintain, and ensure peripheral IV and/or IO access for emergency stabilization</li></ul>
<b>Pulse</b>	Absent	Slow	Fast	Consider the need for additional sites as clinically indicated
<b>Grimace</b>	Absent	Weak	Strong	
<b>Activity</b>	Absent	Weak	Strong	
<b>Respirations</b>	Absent	Weak	Strong	
<ul style="list-style-type: none"><li>Dry, stimulate and swaddle in a dry receiving blanket and head cover then place with the mother as clinically indicated</li><li>Assess using the APGAR scoring system. Based on APGAR scores, presentation, and clinical assessment<ul style="list-style-type: none"><li>Suction secretions from mouth and nose</li><li>Monitor SpO<sub>2</sub> while attached to the right upper extremity (a preductal location)</li><li>Provide blow-by oxygen</li><li>Assist ventilations with PPV and supplemental oxygen</li><li>Organize the resuscitation team and perform High Performance (HP) CPR according to current REMSA training and standards with a 3:1 compression ratio<ul style="list-style-type: none"><li>Ensure High Performance (HP) CPR by utilizing assigned roles and tasks during resuscitation (i.e., Pit Crew CPR)</li><li>Emphasize correct hand placement, compression depth (hard) and rate (fast) with complete chest recoil</li><li>Minimize interruption of chest compressions</li><li>Avoid hyperventilation</li></ul></li></ul></li></ul>				
<ul style="list-style-type: none"><li>For neonatal resuscitation</li></ul> <p><b>INITIAL AND REPEAT ADMINISTRATIONS REQUIRE A BASE HOSPITAL ORDER (BHO).</b></p> <p>Dextrose 5 mL / kg (10% solution) IV/IO bolus or drip. For assistance with accurate dosing, refer to the REMSA PMDR or REMSA app.</p> <p><b>INITIAL AND REPEAT ADMINISTRATIONS REQUIRE A BASE HOSPITAL ORDER (BHO).</b></p> <p>Epinephrine 0.01 mg / kg (0.1 mg / mL concentration) IV/IO. For assistance with accurate dosing, refer to the REMSA PMDR or REMSA app.</p> <p><b>INITIAL AND REPEAT ADMINISTRATIONS REQUIRE A BASE HOSPITAL ORDER (BHO).</b></p> <p>Naloxone 0.1 mg / kg IV/IO/IM/IN. For assistance with accurate dosing, refer to the REMSA PMDR or REMSA app.</p> <p><b>INITIAL AND REPEAT ADMINISTRATIONS REQUIRE A BASE HOSPITAL ORDER (BHO).</b></p> <p>Sodium Bicarbonate 1 mEq / kg IV/IO push. For assistance with accurate dosing, refer to the REMSA PMDR or REMSA app.</p> <p><b>DISCONTINUING RESUSCITATION OF A PEDIATRIC PATIENT REQUIRES A BASE HOSPITAL PHYSICIAN ORDER (BHPO).</b></p>				