

Children's Hospitals and Clinics of Minnesota Neonatal Simulation Scenario Examples

Team Communication Skills	<p>These skills are used in every scenario as appropriate:</p> <ul style="list-style-type: none"> ○ Recognize a patient's worsening condition ○ Call for help early ○ Communicate the situation using the SBAR protocol ○ Work as a team when patient condition deteriorates: <ul style="list-style-type: none"> ○ Know and assume roles ○ Everyone remains aware of the situation – think out loud ○ Give and take emotional and technical support ○ Communication with closed loop feedback ○ Manage the distraught parent if present 	
Scenario	Applicable NRP/STABLE guidelines	Appropriate Technical Skills
Meconium Aspiration	Resuscitation for meconium Respiratory distress	Utilizes meconium aspiration resuscitation flow diagram Meconium aspirator for endotracheal intubation Oxygen delivery Establishing ventilation – BVM Labs IV/UVC placement
Respiratory Distress Syndrome (RDS) Pneumonia	Airway/Respiratory Distress Airway obstruction - pneumothorax	Oxygen delivery Establishes ventilation – BVM and/or T-piece resuscitator Labs IV/UVC placement Glucose administration Needle aspiration – chest tube
Cyanotic Heart Disease	Respiratory Distress Shock	Challenge of differential diagnosis – Respiratory/Cardiac O2 delivery Endotracheal intubation IV/UVC placement Fluid administration, Anticipate prostaglandin, Anticipate inotropes Prepare for transport
Loss of heart tones – infant delivered stat presenting in full arrest	Resuscitation - Newborn	Resuscitation flow diagram CPR UVC placement Resuscitation medications
Pre-term infant	Resuscitation – Preterm Sepsis	Temperature control Blending of O2 and compressed air T-piece resuscitator Consideration of surfactant, Consider antibiotics, Fluid administration