

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

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| 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 |