



Children's Hospitals and Clinics of Minnesota Pediatric 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 PALS guidelines	Appropriate Technical Skills
<p>Cardiac</p> <ul style="list-style-type: none"> ● Bradycardia ● SVT ● Myocarditis ● CHD - ductal dependant anomaly - cardiogenic shock 	<p>Assessment and treatment of shock PALS Cardiac Algorithms</p> <ul style="list-style-type: none"> ○ Bradyarrythmias ○ Tachyarrythmias ○ Cardiac Arrest 	<p>Synchronized cardioversion Defibrillation IV/IO placment Medication administration CPR</p>
<p>Neuro/Trauma</p> <ul style="list-style-type: none"> ● Head Injury ● Non-accidental trauma ● Multiple trauma ● Near drowning 	<p>Altered mental status Neuro evaluation Impending respiratory failure Hypovolemic/Hemorrhagic shock Hypothermia guidelines</p>	<p>Spine stabilization Airway management O2/Monitor/IVs Primary/Secondary surveys RSI for protective cerebral purposes Intubation Fluid resuscitation Warming measures Medication administration CPR</p>
<p>Respiratory</p> <ul style="list-style-type: none"> ● Bronchiolitis/RSV 	<p>Respiratory Distress – lower airway disease</p> <ul style="list-style-type: none"> ○ Assessment of infant in respiratory distress ○ Early recognition of infant's deteriorating condition ○ Responding to Respiratory Failure 	<p>O2 delivery Suctioning Medications <ul style="list-style-type: none"> ○ Nebulization ○ Rapid sequence drugs IV placement Intubation</p>





Scenario	Applicable PALS guidelines	Appropriate Technical Skills
Respiratory <ul style="list-style-type: none"> Asthma 	Respiratory Distress – lower airway disease Mod-Severe NIH asthma guideline interventions Respiratory Failure	O2 delivery Medication administration <ul style="list-style-type: none"> Nebulizer Asthma medications RSI Endotracheal intubation
Respiratory <ul style="list-style-type: none"> Seizure 	Disordered breathing points <ul style="list-style-type: none"> Decision to BVM Intubation or prolonged BVM trial 	Suction/positioning (airway adjuncts) O2 delivery Monitoring IV Blood glucose Medication administration
Shock <ul style="list-style-type: none"> Dehydration/Hypovolemia 	Early Recognition of Shock Fluid resuscitation algorithm	O2/monitors IV/IO access Fluid resuscitation Blood glucose Medication administration
Shock <ul style="list-style-type: none"> Diabetic Ketoacidosis 	Recognition of DKA and shock Ongoing assessments	Blood glucose Rehydration Insulin therapy Home insulin pump
Shock <ul style="list-style-type: none"> Anaphylaxis/Distributive Shock 	Upper Airway Obstruction Distributive Shock	Airway establishment Monitors Medication administration Difficult intubation Fluid resuscitation Sepsis evaluation

Note: We can create customized scenarios to fit your needs, these are just examples...

