

**Children's Hospital Neonatal Critical Care Skills Packet**

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<b>Name:</b>		<b>Employee ID #:</b>
<b>Unit:</b>		<b>Title:</b>
<b>Due Date:</b>	<b>New hire:</b> prior to end of unit orientation period: ____/____/____.	
	<b>Current Staff:</b>	

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Skill/Learning Not all skills are applicable to all Nursing areas – if not applicable mark as N/A	Completed Online Module	Date Completed (or N/A)	Verifier Initials
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**HEALTH MAINTENANCE, ENVIRONMENTAL SAFETY AND SECURITY, AND INJURY PREVENTION**

Children's Hospital Developmental Care of the Neonate and Infant Skills Checklist #DAHS-NSCCHDCNI			
Children's Hospital Neonatal Health Maintenance and Environmental Safety Skills Checklist #DAHS-NSCCHNHMES			
Children's Hospital Neonatal and Infant Blood Draws Skills Checklist #DAHS-NSCCHNIBD			
Children's Hospital Car Seat Challenge Trial for the Medically Compromised Infant Skills Checklist #DAHS-NSCCHNCCTMCI			
Hugs System Training Online Module Only #DAHS-NCHHST08			
Children's Hospital Neonatal Safe Sleep: Completion of online module (DAHS-NCHISSBEP19) and Skills Checklist #DAHS-NSCCHNSS			
Children's Hospital Newborn Screen Skills Checklist # DAHS-NSCCHNS			
Children's Hospital Critical Congenital Heart Defect Screening Skills Checklist #DAHS-NSCCHNHDS			
Children's Hospital Recovery, Post-Surgical Skills Checklist #DAHS-NSCCHNRPS			
Children's Hospital Transporting Critical Care Patients to Procedure or Diagnostic Study Skills Checklist #DAHS-NSCCHNTCCPPDS			

**NUTRITIONAL ASSESSMENT**

Children's Hospital Neonatal Nutritional Assessment and Support Skills Checklist #DAHS-NSCCHNNAS			
Children's Hospital Critical Care Arterial Pressure Monitoring Skills Checklist #DAHS-NSCCHNCCAPM			
Children's Hospital Neonatal IV, Fluid Management, and Fluid Resuscitation Skills Checklist #DAHS-NSCCHNIFMFR			
Children's Hospital Breast Milk Usage Skills Checklist #DAHS-NSCCHBMU			
Children's Hospital Gastrostomy Tube Skills Checklist #DAHS-NSCCHNGT			

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**PAIN ASSESSMENT AND MANAGEMENT**

Children's Hospital Neonatal Pain Assessment Skills Checklist #DAHS-NSCCHNPA14			
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**PHYSICAL ASSESSMENT**

Children's Hospital Neonatal Basic Dysrhythmia Detection and Treatment Skills Checklist #DAHS-NSCCHNBDDT			
Children's Hospital Bi-PAP Skills Checklist #DAHS-NSCCHBP14			
Children's Hospital Care of the Patient with Hydrocephalus-Related Devices Skills Checklist #DAHS-NSCCHNCPHRD			
Children's Hospital Neonatal Chest Tube Skills Checklist #DAHS-NSCCHNCT			
Children's Hospital Neonatal High Frequency Oscillating Ventilator Skills Checklist #DAHS-NSCCHNHFOV14			
Children's Hospital Neonatal Lumbar Puncture Skills Checklist #DAHS-NSCCHNLPD14			
Children's Hospital Neonatal Obtaining a 12-Lead ECG Skills Checklist #DAHS-NSCCHNOLE14			
Children's Hospital Neonatal Critical Care Airway Management Skills Checklist #DAHS-NSCCHNPCCAM14			
Children's Hospital Neonatal Critical Care Mechanical Ventilation Skills Checklist #DAHS-NSCCHNPCCMV14			
Children's Hospital Neonatal Care Respiratory Assessment Skills Checklist #DAHS-NSCCHNCRA14			
Children's Hospital Neonatal Retinopathy of Prematurity Skills Checklist #DAHS-NSCNRP			
Children's Hospital Neonatal Tracheostomy Care Skills Checklist #DAHS-NSCCHNTC15			



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**HEALTH MAINTENANCE, ENVIRONMENTAL SAFETY AND SECURITY, AND INJURY PREVENTION**

**Children's Hospital Developmental Care of the Neonate and Infant Skills Checklist #DAHS-NSCCHDCNI**

<b>References:</b>		
<ol style="list-style-type: none"> <li>1. Verklan, M.T., &amp; Walden, M. (2015). Core Curriculum for Neonatal Intensive Care Nursing (fifth edition). Elsevier: St. Louis, MO</li> <li>2. Maternal/Child Structure Standards: Neonatal Units Structure Standards</li> <li>3. Newborn Individualized Developmental Care and Assessment Program (nidcap.org)</li> <li>4. Pediatric Learning Solutions</li> </ol>		
Pediatric Learning Solutions: Age Specific Care of the Newborn <b>Online Module</b> (DAHS-NCHASCN14-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Age Specific Care of Infant <b>Online Module</b> (DAHS-NCHASCI14-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Developmental Care of the Newborn <b>Online Module</b> (DAHS-NCHDCN16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Family-Centered Care in the NICU <b>Online Module</b> (DAHS-NCHFCCNICU16-PLS)		<b>For Reference</b>
Assess the family's coping and makes referrals as needed (Social work, Ronald McDonald/Kiwanas, Child Life)		
Involve parents or caregiver in care and appropriately documents parental education as provided		
Implement developmentally appropriate nursing interventions which can assist in alleviating stress and minimizing the effect of hospitalization for the following age groups: <ul style="list-style-type: none"> <li>• Extremely premature infant (&lt; 28 weeks)</li> <li>• Very premature infant (28 to 32 weeks)</li> <li>• Early premature infant (32 to 36 weeks)</li> <li>• Term neonate (&gt;37 weeks)</li> <li>• Infant</li> </ul>		
Provide support to prepare the infant and parents/caregiver for procedures and/or surgery		
Assist families in providing Kangaroo care		

**Children's Hospital Neonatal Health Maintenance and Environmental Safety Skills Checklist # DAHS-NSCCHNHMES**

<b>References:</b>		
<ol style="list-style-type: none"> <li>1. Fact Sheets from Safe Kids Coalition with Annual Reports of Childhood Injury (<a href="http://www.safekids.org/">http://www.safekids.org/</a>)</li> <li>2. Neonatal Units Structure Standards</li> <li>3. Pediatric Learning Solutions</li> </ol>		
Pediatric Learning Solutions: Comprehensive Assessment of the Neonate <b>Online Module</b> (DAHS-NCHCANE16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Thermoregulation of Newborn Infant <b>Online Module</b> (DAHS-HCHTNI16-PLS)		<b>For Reference</b>
Provide appropriate health screening and maintenance promoting infant and family health		
Provide a developmentally safe and sensitive environment for the hospitalized infant		
Provide injury prevention and general safety information developmentally appropriate to the infant and family		

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**Children's Hospital Neonatal and Infant Blood Draws Skills Checklist # DAHS-NSCCHNIBD**

<b>References:</b>		
1. Elsevier Neonatal Blood Specimen Collection, Heelstick, Radial Artery Puncture		
State the importance of correct serum lab specimen collection		
Select appropriate blood specimen tubes and obtain correct labels		
Choose method of blood draw: heel stick, venipuncture, arterial puncture, central or arterial line draw		
Verify the identity of patient using two identifiers and obtain specimen per policies		
Handle and label specimens appropriately using the BCMA workflow guidelines		
Compare lab results to normal values and the patient's previous results		

**Children's Hospital Car Seat Challenge Trial for the Medically Compromised Infant Skills Checklist # DAHS-NSCCHNCCTMCI**

<b>References:</b>		
1. Equipment Manual: Safety Seats		
2. Review of safety and car seat videos		
3. Community Car Seat Safety Class: Safe Kids Sacramento		
4. UC Davis Health Policy <a href="#">4018</a> : Child Passenger Safety		
Identify the infant requiring a Car Seat Challenge Trial (ordered by attending physician)		
Ensure the car seat meets weight requirements		
Perform Car Seat Challenge Trial per Policy <a href="#">4018</a>		

**Hugs System Training Online Module Only #DAHS-NCHHST08**

Completed Hugs System Training <b>Online Module</b> #DAHS-NCHHST08		
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**Children's Hospital Neonatal Safe Sleep Skills Checklist #DAHS-NSCCHNSS**

<b>References:</b>		
1. UC Learning Module Safe Sleep (DAHS-NCHISSBEP19)		
2. Safe Sleep Brochure		
Completed Safe Sleep <b>Online Module</b> #DAHS-NCHISSBEP19		
State when Safe Sleep is to be practiced		
Demonstrate ability to create Safe Sleep environment using appropriate Halo Sleep Sack		

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**Children's Hospital Newborn Screen Skills Checklist # DAHS-NSCCHNS**

<b>References:</b>		
1. Center for Disease Control and Prevention (www.cdc.gov/newbornscreening)		
2. Pediatric Learning Solutions		
Pediatric Learning Solutions: Metabolic Disorders of Newborn <b>Online Module</b> (DAHS-NCHMDO16-PLS)		<b>For Reference</b>
Identify when the Newborn Screen is to be collected		
Implement developmental modifications and pain management prior to collection of Newborn Screen		
Complete Newborn Screen form and obtain specimen per policy		
Send promptly to lab after ensuring Newborn Screen dries properly on drying rack		

**Children's Hospital Critical Congenital Heart Defect Screening Skills Checklist # DAHS-NSCCHNHDS**

<b>References:</b>		
1. Center for Disease Control and Prevention (www.cdc.gov/ncbddd/heartdefects/screening.html)		
2. Pediatric learning solutions		
State reason for CCHD screen and provide education to parents		
Perform CCHD screen per policies		

**Children's Hospital Recovery, Post-Surgical Skills Checklist # DAHS-NSCCHNRPS**

<b>References:</b>		
1. Patient Care Standards, SICU, General		
2. <a href="#">Surgical Intensive Care Structure Standards</a>		
Perform initial rapid assessment of cardiorespiratory systems		
Receive patient and report from anesthesia provider (e.g., anesthetic events, medications, vital signs, EBL, intake & output, lab values)		
Perform quick visual assessment, measure vital signs, assess LOC, and report abnormal findings to the anesthesia provider at the bedside		
Monitor vital signs Q15 minutes x6, then Q 30 x2, or more frequently if unstable		

**Children's Hospital Transporting Critical Care Patients to Procedure or Diagnostic Study Skills Checklist # DAHS-NSCCHNTCCPPDS**

<b>References:</b>		
1. <a href="#">Neonatal Units Structure Standards</a>		
2. <a href="#">Pediatric Intensive Care Unit (PICU)/ Pediatric Cardiac Intensive Care Unit (PCICU) Structure Standards</a>		
Identify the circumstances, which may prohibit the transport of a patient or require physician attendance		
Contact the procedure area and all personnel needed to coordinate the transport		
Assemble the necessary equipment and medications for transport		

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<b>Children's Hospital Transporting Critical Care Patients to Procedure or Diagnostic Study Skills Checklist # DAHS-NSCCHNTCCPPDS (Continued)</b>		
Ensure all IV lines, catheters, tubes and wires are secure		
Accompany the patient during transport and continually monitor the patient		

**NUTRITIONAL ASSESSMENT**

<b>Children's Hospital Neonatal Nutritional Assessment and Support Skills Checklist # DAHS-NSCCHNNAS</b>		
<b>References:</b>		
<ol style="list-style-type: none"> <li><a href="#">Pediatric Inpatient Structure Standards</a></li> <li>UC Davis Health Policy <a href="#">4061</a>: Aspiration (Oral and Enteral) Precautions</li> <li>UC Davis Health Policy <a href="#">8018</a>: Neonatal and Pediatric Patients Receiving Enteral Tube Feeding</li> <li>UC Davis Health Policy <a href="#">13040</a>: Nutrient-Drug Interactions</li> <li>Elsevier Feeding Tube: Enteral Nutrition Administration (Pediatric) DAHS-NCHENAP-ECS</li> <li>Pediatric Learning Solutions</li> <li>NICU Feeding Protocol, Staff web page</li> </ol>		
Pediatric Learning Solutions: Neonatal Nutrition <b>Online Module</b> (DAHS-NCHNN16-PLS)		<b>For Reference</b>
Provide developmentally appropriate nutritional assessment and promote optimal nutrition		
Implement developmentally appropriate and safe enteral nutrition		
Provide appropriate and safe parenteral nutrition		
Demonstrate knowledge of common feeding practices in the Neonatal Units		
Identify feeding cues, determine signs of readiness for feedings and signs of feeding intolerance		

<b>Children's Hospital Critical Care Arterial Pressure Monitoring Skills Checklist # DAHS-NSCCHNCCAPM</b>		
<b>References:</b>		
<ol style="list-style-type: none"> <li>UC Davis Health Policy <a href="#">13010</a>: Peripheral Arterial Line Management</li> <li>Pediatric Learning Solutions</li> </ol>		
Pediatric Learning Solutions: Hemodynamic Monitoring <b>Online Module</b> (DAHS-NCHHM 16-PLS)		<b>For Reference</b>
State indications for arterial pressure monitoring and identify common sites of insertion		
Assist with insertion, maintenance and discontinuation of arterial line per Policies Care Standards		
Maintain transducer system at phlebostatic axis level and zero at atmospheric pressure prior to insertion and PRN		
Identify the normal arterial waveform and trouble-shoot deviations as necessary		
Compare the invasive arterial blood pressure measurement (direct) with the BP cuff (indirect)		
Monitor circulation, sensation, and motor function distal to the insertion site Q1 hr (NICU)/Q1-2 hours (PICU/PCICU)		

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**Children's Hospital Critical Care Arterial Pressure Monitoring Skills Checklist # DAHS-NSCCHNCCAPM (Continued)**

Closely monitor for signs of complications (ie: blanching, loss of circulation, infection)		
Appropriately obtain blood samples from the arterial line		
Report to physician and document all pertinent information		

**Children's Hospital Neonatal IV, Fluid Management, and Fluid Resuscitation Skills Checklist # DAHS-NSCCHNIFMFR**

<b>References:</b>		
1. <a href="#">Neonatal Units Structure Standards</a>		
2. UC Learning Module Newborn IV Therapy and Blood Withdraw DAHS-NCHNIVTBW16		
3. American Heart Association: 2017 NRP Guidelines		
4. Verklan, M.T., & Walden, M. (2015). Core Curriculum for Neonatal Intensive Care Nursing (fifth edition). Elsevier: St. Louis, MO Fluid and electrolyte management		
5. Pediatric Learning Solutions		
6. NICU Nutrition guidelines, NICU webpage		
Completed Pediatric Learning Solutions: Pediatric Peripheral IV Care & Management <b>Online Module</b> (DAHS-NCHPPIVCM 14-PLS)		<b>For Reference</b>
Completed Pediatric Learning Solutions: Management of Peripheral IV complications in the Pediatric Patient <b>Online Module</b> (DAHS-NCHMPIVCP14-PLS)		<b>For Reference</b>
Completed Newborn IV Therapy and Blood Withdrawal <b>Online Module</b> #DAHS-NCHNIVTBW16		
List potential risk factors for increased insensible water loss in preterm and term neonates and states reduction measures		
State the signs and symptoms of hypovolemia in the neonate		
State the objectives for fluid resuscitation in the neonate		
State the appropriate type of fluid and volume administered during fluid resuscitation and the rationale for each		
Identify the sites that can be used for rapid fluid administration during hypovolemic shock		
Differentiate between administration of fluid resuscitation to preterm neonates compared to term neonates		

**Children's Hospital Breast Milk Usage Skills Checklist # DAHS-NSCCHBMU**

<b>References:</b>		
1. UC Davis Health Policy <a href="#">16043</a> : Donor Human Breast Milk: Procurement, Storage and Administration		
State contraindications to using breast milk according to policy		
Describe qualifications for use of donor breast milk and the process for obtaining assent		
Correctly identify expiration of fresh breast milk, thawed breast milk, and breast milk with fortification		
Safely prepare and administer breast milk using correct labeling methods and in chronologic order		
Accurately log-in breast milk and log-out breast milk using the Breast Milk Storage Log		
Provide education to families regarding labeling and storing breast milk containers		

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**Children's Hospital Gastrostomy Tube Skills Checklist # DAHS-NSCCHNGT**

**References:**

1. UC Davis Health Policy [8018](#) Neonatal and Pediatric Patient Receiving Enteral Tube Feeding

Assess gastrostomy tube and provide site care per policy		
State possible complications of gastrostomy tubes, including site complications		
Demonstrate how to correctly administer medications and feedings via gastrostomy tube		
Identify medications that may not be given via gastrostomy tube		

**PAIN ASSESSMENT**

**Children's Hospital Neonatal Pain Assessment Skills Checklist #DAHS-NSCCHNPA14**

**References:**

1. Pediatric Learning Solutions: Neonatal Pain Assessment and Management (DAHS-NCHNPAM16-PLS)

Perform physical and environmental assessment prior to administration of pain medication		<b>For Reference</b>
Implement potential age-specific, developmentally supportive cares to decrease need for pain medication		
Demonstrate ability to safely administer oral sucrose and/or pain medications as indicated		
Appropriately assess patient's response and need for further intervention		
Provide and document parental education		
Document all pertinent information, including PRN response		

**PHYSICAL ASSESSMENT**

**Children's Hospital Neonatal Basic Dysrhythmia Detection and Treatment Skills Checklist # DAHS-NSCCHNBDDT**

**References:**

1. Verklan, M.T., & Walden, M. (2015). *Core Curriculum for Neonatal Intensive Care Nursing* (fifth edition). Elsevier: St. Louis, MO
2. Pediatric Learning Solutions

Pediatric Learning Solutions Arrhythmia Recognition: Structure and Function of the Heart (DAHS-NCHARSFH16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions Arrhythmia Recognition: Electrophysiology (DAHS-NCHARE16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions Arrhythmia Recognition: Lines, Waveforms, and Segments (DAHS-NCHARLWS16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions Arrhythmia Recognition: Sinus (DAHS-NCHARS16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions Arrhythmia Recognition: Atrial (DAHS-NCHARA16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions Arrhythmia Recognition: Ventricular (DAHS-NCHARV16-PL)		<b>For Reference</b>
Describe the major anatomy of the heart and normal flow of blood through the heart		

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**Children's Hospital Neonatal Basic Dysrhythmia Detection and Treatment Skills Checklist # DAHS-NSCCHNBDDT (Continued)**

Identify the waves and intervals of the normal EKG and describe their significance		
Describe the electrical conduction system of the heart		
Explain sinus, atrial and ventricular dysrhythmias and discuss the causes/treatments		
Explain heart blocks and discuss the causes/treatments		

**Children's Hospital Bi-PAP Skills Checklist #DAHS-NSCCHBP14**

**References:**

Describe BiPAP		
Identify the most common indications for BiPAP use		
State contraindications for BiPAP use		
State patient characteristics for successful use of BiPAP		
Monitor the patient and assess for possible complications, including skin complications		
Identify criteria to discontinue BiPAP		
Identify the most common reasons for alarms		
Document all necessary information		

**Children's Hospital Care of the Patient with Hydrocephalus-Related Devices Skills Checklist #DAHS-NSCCHNCPHRD**

**References:**

1. Verklan, M.T., & Walden, M. (2015). *Core Curriculum for Neonatal Intensive Care Nursing* (fifth edition). Elsevier: St. Louis, MO
2. Pediatric Learning Solutions

Pediatric Learning Solutions: Hydrocephalus (DAHS-NCHHYD16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Intracranial Pressure Monitoring (DAHS-NCHIPM16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Neonatal Cranial Hemorrhage (DAHS-NCHNCH16-PLS)		<b>For Reference</b>
Accurately describe the pathophysiology and common causes of hydrocephalus in the neonate		
Identify the clinical indications for the need of a CSF drainage device		
Differentiate between an ommaya reservoir and ventriculoperitoneal shunt (VP shunt)		
Identify signs and symptoms of increasing intracranial pressure and respond appropriately		
Discuss the pathophysiology of reservoir/shunt failure, risks of infection and the need for revision		
Describe the nursing management of infants with an ommaya reservoir versus a VP shunt		

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**Children's Hospital Neonatal Chest Tube Skills Checklist # DAHS-NSCCHNCT**

<b>References:</b>		
1. Pediatric Learning Solutions		
Pediatric Learning Solutions: Nursing Management of Chest Tubes (DAHS-NCHNMCT14-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Pneumothorax in the Neonate (DAHS-NCHPN16-PLS)		<b>For Reference</b>
State indications for chest tube insertion and explain the parts of the chest tube drainage system		
Consider pain medication in anticipation of procedural pain and provide developmentally appropriate comfort measures		
Assess for air leaks and examine water seal chamber for presence of fluctuation (tidaling), bubbling, and proper water level		
Assess for type of chest drainage and amount		
When chest tube is discontinued, consider pain management and ensure an occlusive dressing is placed		

**Children's Hospital Neonatal High Frequency Oscillating Ventilator Skills Checklist # DAHS-NSCCHNHFOV14**

<b>References:</b>		
1. Operating Manual, High Frequency Oscillating Ventilator 3100B		
2. Pediatric Learning Solutions		
Completed Pediatric Learning Solutions High Frequency Ventilation Online Module DAHS-NCHHFV17-PLS		
Notify Respiratory Therapy and assembles necessary equipment		
Verbalize an understanding of monitoring SpO2 and chest wiggle		
Demonstrate proper operation of the HFOV and verbalize indications for the use of the HFOV		
Troubleshoot HFOV alarms		
Verbalize an understanding of the reset and start buttons and when to use them		

**Children's Hospital Neonatal Lumbar Puncture Skills Checklist # DAHS-NSCCHNLDP14**

<b>References:</b>		
1. Elsevier Lumbar puncture Neonate		
Elsevier Module: Lumbar Puncture (DAHS-NAD108-ECS)		<b>For Reference</b>
Identify the clinical indications for a lumbar puncture		
Describe the process of obtaining consent for a lumbar puncture		
Consider pain management and appropriate developmental care		
Position the patient in the lateral knee-chest position with the neck flexed toward the chest or in a sitting position		

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**Children's Hospital Neonatal Lumbar Puncture Skills Checklist # DAHS-NSCCHNLPD14 (Continued)**

Correctly label and send CSF samples for lab studies as ordered by the provider		
State possible complications of a lumbar puncture		

**Children's Hospital Neonatal Obtaining a 12-Lead ECG Skills Checklist #DAHS-NSCCHNOLE14**

<b>References:</b>		
1. Structure Standards: <a href="#">Critical Care</a> , Telemetry, Maternal Child Health		
2. GE Marquette Resting ECG Analysis System Operator's Manual		
3. Pediatric Learning Solutions Electrocardiogram 12 lead, DAHS-NAD69-ECS		
Demonstrate use of 12-lead ECG available in the area		
Place patient supine and provide comfort measures		
Enter patient data prior to obtaining 12-lead ECG		
Cleanse the skin areas to be used, if needed		
Correctly place leads, ensure that there is no tension on the cables		
Obtain 12-lead reading, trouble-shooting artifact		
Recognize proper 12-lead tracings		
Disconnect equipment and clean as necessary		
Document all pertinent data, and notify appropriate staff of results		

**Children's Hospital Neonatal Critical Care Airway Management Skills Checklist # DAHS-NSCCHNPCCAM14**

<b>References:</b>		
1. American Heart Association: 2017 NRP Guidelines		
2. Verklan, M.T., & Walden, M. (2015). Core Curriculum for Neonatal Intensive Care Nursing (fifth edition). Elsevier: St. Louis, MO		
3. Pediatric Learning Solutions		
Pediatric Learning Solutions: Management of the Difficult Airway (DAHS-NCHMDA 16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Apnea of Prematurity (DAHS-NCHAP16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Emergency Response for the Non-ASL Care Provider (DAHS-NCHERNALS14-PLS)		<b>For Reference</b>
Identify 3 features that are unique to the pediatric airway and describe the importance of proper positioning		
Demonstrate the use of the flow-inflating bag with appropriate pressure settings and appropriately sized mask		
Identify signs of optimal ventilation and list two solutions to resolve the inability to ventilate using bag-valve-mask ventilation		
Describe how to select and use oropharyngeal and nasopharyngeal airways		

**Children's Hospital Neonatal Critical Care Skills Packet**

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	<b>Date</b>
	<b>Verifier Initials</b>

**Children's Hospital Neonatal Critical Care Airway Management Skills Checklist # DAHS-NSCCHNPCCAM14 (Continued)**

Identify the indications for endotracheal intubation and obtain necessary equipment and medication		
State the nurse's role in airway management and assisting with endotracheal intubation		

**Children's Hospital Neonatal Critical Care Mechanical Ventilation Skills Checklist # DAHS-NSCCHNPCCMV14**

<b>References:</b>		
1. Servo -i Ventilator Manual V3.2		
2. Pediatric Learning Solutions		
Completed Pediatric Learning Solutions: Mechanical Ventilation: Introduction to Pediatric Practices Online Module #DAHS-NCHMVIPP 16-PLS		
Identify indications and modes of mechanical ventilation		
Discuss the use of sedation and/or paralytics to maintain optimal mechanical ventilation		
Assess reasons for changes in peak pressure, tidal volumes, breath sounds, oxygen saturation		
Describe ventilator changes needed based on ABG results and/or end-tidal CO2 monitoring		
Assess a patient's readiness for mechanical ventilator weaning and/or extubation per unit protocol		

**Children's Hospital Neonatal Care Respiratory Assessment Skills Checklist #DAHS-NSCCHNCRA14**

<b>References:</b>		
1. UC Davis Health Policy <a href="#">17038</a> : Pediatric and Neonatal Airway Policy		
2. American Heart Association: 2017- NRP Guidelines		
3. American Heart Association: 2017 - PALS Guidelines		
4. Verklan, M.T., & Walden, M. (2015). Core Curriculum for Neonatal Intensive Care Nursing (fifth edition). Elsevier: St. Louis, MO		
5. Pediatric Learning Solutions		
Completed Arterial Blood Gas Online Module #DAHS-NGNABGA-ECS		
Pediatric Learning Solutions: Understanding Abnormal Blood Gases (DAHS-NCHUABG 16-PLS)		<b>For Reference</b>
Pediatric Learning Solutions: Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation (DAHS-NCHBPOTSGNV16-PLS)		<b>For Reference</b>
Recognize normal respiratory rates and pulmonary developmental findings		
Able to identify respiratory distress and intervene appropriately based on respiratory assessment		
Recognize when an arterial blood gas is indicated and correlate ABG results with patient assessment findings		
Ensure functioning emergency respiratory equipment is available in the patient's room every shift		
Monitor and document non-invasive patient monitoring (i.e., pulse oximetry, end tidal CO2 monitoring)		

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**Children’s Hospital Neonatal Retinopathy of Prematurity Skills Checklist #DAHS-NSCNRP**

**References:**

1. Policy [17024](#): Continuous Pulse Oximeter
2. Retinopathy of Prematurity ([nei.nih.gov/health/rop/](http://nei.nih.gov/health/rop/))
3. Verklan, M.T., & Walden, M. (2015). Core Curriculum for Neonatal Intensive Care Nursing (fifth edition). Elsevier: St. Louis, MO
4. Pediatric Learning Solutions

Pediatric Learning Solutions: Retinopathy of Prematurity (DAHS-NCHRP17)		<b>For Reference</b>
Identify pulse oximetry alarm settings according to gestational age		
Identify problem solving steps for low pulse oximetry saturations before increasing FiO2		
Identify protocol for increasing/decreasing FiO2 to maintain pulse oximetry saturations within appropriate parameters		
Identify interventions for desaturations associated with handling, suctioning, procedures etc.		
Identify appropriate interventions for apnea		
Describe the pathophysiology of Retinopathy of Prematurity		

**Children’s Hospital Neonatal Tracheostomy Care Skills Checklist # DAHS-NSCCHNTC15**

**References:**

1. Policy [17024](#): Continuous Pulse Oximeter
2. Mosby Skills
3. Pediatric Learning Solutions

Pediatric Learning Solutions: Caring for a Child with a Tracheostomy (DAHS-NCHCCT14 PLS)		<b>For Reference</b>
Elsevier Skills: Tracheostomy Care		<b>For Reference</b>
State process of tracheostomy and related patient assessment		
Demonstrate tracheostomy care for patients and verbalize frequency of tracheostomy care		
Identify differences in care of new tracheostomy versus established tracheostomy		
Name mandatory bedside equipment for tracheostomy patients and rational		
Verbalize emergency complication interventions for tracheostomy		