

**PROFESSIONAL  
NURSING  
SERVICE**

**NEONATAL INTENSIVE CARE  
SKILLS CHECKLIST**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Years of Experience: \_\_\_\_\_

Directions for completing skills checklist:

The following is a list of procedures performed in rendering care to patients. Please indicate the level of experience/proficiency. Use the following key as a guideline:

- A) Theory Only/No Experience – Didactic instruction only, no hands on experience
- B) Limited Experience – Knows procedure/has used equipment, but has done so infrequently or not within the last six months
- C) Moderate Experience – Able to demonstrate equipment/procedure, performs the task/skill independently with only resource assistance needed
- D) Proficient/Competent – Able to demonstrate/perform the task/skill proficiently without any assistance and can instruct/teach

A B C D

A B C D

**A. CARDIOVASCULAR**

1. Assessment

- a. Auscultation (Rate, Rhythm, Volume)  A  B  C  D
- b. Blood Pressure/Invasive (Arterial line)  A  B  C  D
- c. Blood Pressure/Non-Invasive  A  B  C  D
- d. Heart Sounds/Murmurs  A  B  C  D
- e. Perfusion  A  B  C  D
- f. Pulses  A  B  C  D

2. Equipment & Procedures

- a. EKG Interpretation  A  B  C  D
- b. Defibrillation/Cardioversion  A  B  C  D
- c. Invasive Hemodynamic Monitoring  A  B  C  D
- d. Central Venous Pressure  A  B  C  D

3. Care of the Neonate with:

- a. Cardiac Arrest  A  B  C  D
- b. Cardiac Transplant  A  B  C  D
- c. Cardiomyopathy  A  B  C  D
- d. Congenital Heart Disease/Defects  A  B  C  D
- e. Hemodynamic Instability  A  B  C  D
- f. Hypovolemic Shock  A  B  C  D
- g. Post Cardiac Surgery  A  B  C  D
- h. Post Interventional Cardiac Cath  A  B  C  D

4. Medications

- a. Dobutamine  A  B  C  D
- b. Dopamine  A  B  C  D
- c. Epinephrine  A  B  C  D
- d. Nipride  A  B  C  D
- e. Sodium Bicarbonate  A  B  C  D

**B. PULMONARY**

1. Assessment

- a. Breath Sounds  A  B  C  D
- b. Rate and Work of Breathing  A  B  C  D

2. Interpretation of Lab Results

- a. Blood Gases  A  B  C  D
- b. Interpretation of x-ray reports  A  B  C  D

3. Equipment & Procedures

- a. Airway Management  A  B  C  D
  - I. Assist with Intubation  A  B  C  D
  - II. Bulb Syringe  A  B  C  D
  - III. CPAP (Nasal Prongs)  A  B  C  D
  - IV. Endotracheal Tube Stabilization  A  B  C  D
  - V. Endotracheal Tube Suctioning  A  B  C  D
- b. Apnea Monitor  A  B  C  D
- c. Cardiac Resuscitation  A  B  C  D
- d. Chest Tube (assist with)  A  B  C  D
  - I. Insertion  A  B  C  D
  - II. Removal  A  B  C  D
  - III. Set-up  A  B  C  D
- e. ECMO (Extracorporeal Membrane Oxygenation)  A  B  C  D
- f. O<sub>2</sub> Therapy Delivery Systems  A  B  C  D
  - I. Bag (Anesthesia) & Mask  A  B  C  D
  - II. Bag (Self-inflating) & Mask  A  B  C  D
  - III. Nasal Cannula  A  B  C  D
  - IV. Nebulizer  A  B  C  D
  - V. Oxyhood  A  B  C  D
  - VI. Tent  A  B  C  D
  - VII. Trach Collar  A  B  C  D
- g. Obtaining Blood Gases  A  B  C  D
  - I. Arterial  A  B  C  D
  - II. Heelstick  A  B  C  D
  - III. Peripheral  A  B  C  D
  - IV. Umbilical Line  A  B  C  D
- h. Thoracentesis  A  B  C  D
- i. Use of Artificial Surfactant  A  B  C  D
- j. Ventilator Care  A  B  C  D
  - I. CPAP/PEEP  A  B  C  D
  - II. High Frequency Jet Ventilator  A  B  C  D
  - III. Home Ventilator  A  B  C  D
  - IV. IMV  A  B  C  D
  - V. Oscillating  A  B  C  D
  - VI. Pressure Ventilator  A  B  C  D

A B C D

- VII. Volume Ventilator
  - k. Weaning
- 4. Care of the Neonate with:
  - a. Bronchopulmonary Dysplasia (BPD)
  - b. Cardiogenic/Hypovolemic Shock
  - c. Diaphragmatic Hernia
  - d. Fresh Tracheostomy
  - e. Meconium Aspiration
  - f. Persistent Pulmonary Hypertension (PPHN)
  - g. Pneumothorax
  - h. Respiratory Distress Syndrome (RDS)
  - i. Respiratory Failure
- 5. Medications
  - a. Aminophylline
  - b. Prostaglandin

C. NEUROLOGICAL

- 1. Assessment
  - a. Intracranial Pressure Monitoring
  - b. Neurological Status
- 2. Care of the Neonate with:
  - a. Brain Death/Organ Procurement
  - b. Externalized VP Shunt/Reservoirs
  - c. Increased Intracranial Pressure
  - d. Meningitis
  - e. Seizures
- 3. Medication
  - a. Anticonvulsant Medication

D. GASTROINTESTINAL

- 1. Assessment
  - a. Abdominal Girth
  - b. Bowel Sounds
  - c. Palate
  - d. Suck/Swallow
- 2. Equipment & Procedures
  - a. Care of Gastrostomy Tube
  - b. Feeding
    - I. Assist with Breast Feeding
    - II. Bottle
    - III. Breast Milk Handling/Storage
    - IV. Gavage
  - c. Hospital Grade Electric Breast Pump
  - d. Placement of Intestinal Tubes
    - I. Jejunal Gastro
    - II. Nasogastric/Orogastric
  - e. Test for Occult Blood
- 3. Care of the Neonate with:
  - a. Cleft Palate
  - b. Colostomy/Ileostomy
  - c. Gastroschisis/Omphalocele
  - d. GI Bleeding
  - e. Inguinal Hernia
  - f. Necrotizing Enterocolitis (NEC)
  - g. Post Abdominal Surgery
  - h. Reflux Precautions
  - i. Tracheoesophageal Fistula (TEF)

E. ENDOCRINE/METABOLIC

- 1. Assessment
  - a. Finnegan
  - b. Fluid & Electrolyte Balance
- 2. Interpretation of Lab Results
  - a. Bilirubin
  - b. Test Urine and Interpret
    - I. Glucose
    - II. Labstix
    - III. Occult Blood
    - IV. pH
    - V. Specific Gravity
- 3. Equipment & Procedures
  - a. Collection of Urine Specimens
    - I. Assist with Supra Pubic Tap
    - II. Catheter
    - III. Diaper/Bag
  - b. Phototherapy for Jaundice
  - c. Post Circumcision Care
- 4. Care of the Neonate with:
  - a. Acute Renal Failure
  - b. DIC (Disseminated Intravascular Coagulation)
  - c. Disorders of Internal/External Organs
  - d. Drug Addiction/Withdrawal
  - e. Hypo/Hyperkalemia
  - f. Hypo/Hyernatremia
  - g. IDM (Infant of a Diabetic Mother)
  - h. Malformation of the GU Tract, Kidney
  - i. Peritoneal Dialysis

F. INFECTIOUS DISEASES

- 1. Interpretation of Lab Results
  - a. CBC/Differential
  - b. Culture Reports
  - c. Maternal Lab Results
- 2. Equipment & Procedures
  - a. Assist with Lumbar Puncture
  - b. Maternal Lab Results
  - c. Isolation Techniques
  - d. Standard (Universal) Precautions
- 3. Care of the Neonate with:
  - a. Hepatitis Surface Antigen+ Mother
  - b. HIV Positive Mother
  - c. Neonatal Sepsis
- 4. Medications – Immunizations
  - a. HBIG
  - b. HBV
  - c. HIB
  - d. Polio
  - e. DPT
  - f. RespiGam/Synergis Prophylaxis

G. PHLEBOTOMY/IV THERAPY

- 1. Equipment & Procedures
  - a. Administration of Blood/Blood Products
    - I. Cryoprecipitate
    - II. Packed Red Blood Cells
    - III. Plasma/Albumin

