

NEONATAL INTENSIVE CARE SKILLS CHECKLIST

Your Completion of this checklist will help us match your skills to the assignment of your choice. Please place a "√" in the column that best describes your experience level with each skill.

KEY

1. Two or more years consistent experience
2. One year consistent experience
3. Intermittent experience
4. No experience

1 2 3 4

1 2 3 4

CARDIOVASCULAR:

Assessment:

- a) Auscultation (rate, rhythm, volume) _____
- b) Blood pressure/invasive _____
- c) Blood pressure/non-invasive _____
- d) Heart sounds/murmurs _____
- e) Perfusion _____
- f) Pulses _____

Equipment & procedures:

- a) EKG interpretation _____
- b) Defibrillation/cardioversion _____
- c) Invasive hemodynamic monitoring _____
- d) Central venous pressure _____

Care of the neonate with:

- a) Cardiac arrest _____
- b) Cardiac transplant _____
- c) Congenital heart disease/defects _____
- d) Cardiomyopathy _____
- e) Hemodynamic stability _____
- f) Hypovolemic shock _____
- g) Cardiac surgery _____
- h) Cardiac cath _____

Medications:

- a) Dobutamine _____
- b) Dopamine _____
- c) Epinephrine _____
- d) Nipride _____
- e) Sodium Bicarbonate _____

PULMONARY:

Assessment:

- a) Breath sounds _____
- b) Rate & work of breathing _____

Interpretation of lab results _____

Interpretation of x-ray reports _____

Equipment & procedures:

a) Airway management:

- 1) Assist with intubation _____
- 2) Bulb syringe _____
- 3) CPAP _____
- 4) Endotracheal tube stabilization _____
- 5) Endotracheal tube suctioning _____
- 6) Extubation _____
- 7) Intubation _____
- 8) Nasal airway/suctioning _____
- 9) Oral airway/suctioning _____
- 10) Tracheostomy/suctioning _____

b) Apnea monitor _____

c) Cardiac resuscitation _____

d) Chest tube (assist with):

- 1) Insertion _____
- 2) Removal _____
- 3) Set-up _____

e) ECMO _____

f) Oxygen therapy delivery systems:

- 1) Bag & mask _____
- 2) Nasal cannula _____
- 3) Nebulizer _____
- 4) Oxyhood _____
- 5) Tent _____
- 6) Trach collar _____

g) Obtaining blood gases:

- 1) Arterial _____
- 2) Heel stick _____
- 3) Peripheral _____
- 4) Umbilical _____

h) Thoracentesis _____

i) Use of artificial surfactant _____

j) Ventilator: _____

- 1) CPAP/PEEP _____
- 2) High frequency jet ventilator _____
- 3) IMV _____
- 4) Oscillating _____
- 5) Pressure ventilator _____
- 6) Volume ventilator _____
- k) Weaning from ventilator _____
- Care of the neonate with:
- a) Bronchopulmonary dysplasia _____
- b) Cardiogenic/hypovolemic shock _____
- c) Diaphragmatic hernia _____
- d) Merconium aspiration _____
- e) Persistent pulmonary hypertension _____
- f) Pneumothorax _____
- g) Respiratory distress syndrome _____
- h) Respiratory failure _____
- Medications:
- a) Aminophylline _____
- b) Prostaglandin _____

NEUROLOGICAL:

- Assessment:
- a) Intracranial pressure monitoring _____
- b) Neurological status _____
- Care of the neonate with:
- a) Brain death/organ procurement _____
- b) Externalized VP shunt/reservoirs _____
- c) Increased intracranial pressure _____
- d) Meningitis _____
- e) Seizures _____
- Administration of anticonvulsant meds _____

GASTROINTESTINAL:

- Assessment:
- a) Abdominal firth _____
- b) Bowel sounds _____
- c) Palate _____
- Equipment & procedures:
- a) Care of the gastrostomy tube _____
- b) Feedings:
- 1) Breast feeding _____
- 2) Bottle _____
- 3) Gavage _____
- c) Electric breast pump _____
- d) Placement of intestinal tubes:
- 1) Jejunal gastro _____
- 2) Nasogastric/orogastric _____
- e) Test for occult blood _____
- Care of the neonate with:
- a) Cleft palate _____
- b) Colostomy/ileostomy _____
- c) Gastroschisis/omphalocele _____
- d) GI bleed _____
- e) Inguinal hernia _____
- f) Necrotizing enterocolitis _____
- g) Abdominal surgery _____
- h) Reflux precautions _____
- i) Tracheosophageal fistula _____

ENDOCRINE/METABOLIC:

- Assessment:
- a) Finnegan _____
- b) Fluid & electrolyte balance _____
- Interpretation of lab results _____
- Equipment & procedures:
- a) Collection of urine specimens:
- 1) Assist with supra pubic tap _____
- 2) Catheter _____
- 3) Diaper/pedi bag _____
- b) Phototherapy for jaundice _____
- c) Post circumcision care _____
- Care of the neonate with:
- a) Acute renal failure _____
- b) DIC _____
- c) Disorders of internal/external organs _____
- d) Drug addiction/withdrawal _____
- e) Hypo/hypernatremia _____
- f) Hypo/hyperkalemia _____
- g) Diabetes _____
- h) Malformation of the GU tract, kidney _____
- i) Peritoneal dialysis _____

INFECTIOUS DISEASE:

- Interpretation of lab results _____
- Equipment & procedures:
- a) Assist with lumbar puncture _____
- b) Collect culture specimens _____
- c) Isolation techniques _____
- d) Universal precautions _____
- Care of the neonate with:
- a) Hepatitis surface antigens _____
- b) HIV positive mother _____
- c) Neonate sepsis _____
- Medications:
- a) HBIG _____
- b) HBV _____
- c) HIB _____
- d) Polio _____
- e) DPT _____
- f) RespiGam/synergis prophylaxis _____

PHLEBOTOMY/IV THERAPY

- Equipment & procedures:
- a) Administration of blood/blood products:
- 1) Cryoprecipitate _____
- 2) Packed red blood cells _____
- 3) Plasma/albumin _____
- 4) Whole blood _____
- b) Delivery systems:
- 1) IV pumps _____
- 2) Syringe pumps _____
- c) Drawing blood from central line _____
- d) Hyperalimentation _____
- e) Intralipid _____
- f) Managing IV therapy:
- 1) Site & patency assessment _____
- 2) Rate calculation _____

Signature _____

Neonatal Intensive Care Skills Checklist

- 3) Dressing & tube changing _____
- 4) Discontinuing _____
- g) Starting IVs:
 - 1) Angiocath _____
 - 2) Butterfly _____
 - 3) Heparin lock _____
- Care of the neonate with:
 - a) Central line/catheter/dressing _____
 - b) Percutaneous arterial line _____
 - c) Percutaneous venous line _____
 - d) PICC _____
 - e) Umbilical artery line _____
 - f) Umbilical venous line _____

PAIN MANAGEMENT:

- Assessment of pain level _____
- Care of the neonate with sedation _____

MISCELLANEOUS:

- Assessment:
 - a) Apgar scoring _____
 - b) Eye exam _____
 - c) Gestational age:
 - 1) Ballard _____
 - 2) Dubowitz _____
 - d) Maternal history _____
 - e) Screen for hearing loss _____
- Equipment & procedures:
 - a) Bereavement/postmortem care _____
 - b) Consents:
 - 1) Immunization _____
 - 2) Procedural _____
 - 3) Treatment _____
 - c) Cord care _____
 - d) Neonatal skin care _____
 - e) Positioning devices _____
 - f) Preparation for transport/transfer _____
 - g) Thermoregulation:
 - 1) Isolette with humidity _____
 - 2) Radiant warmer _____
 - 3) Temperature _____
 - 4) Weaning to open bassinet _____
 - h) Weights:
 - 1) Bed scale _____
 - 2) Scale _____
- Medications:
 - a) Calculation of dosage _____
 - b) Emergency drug action _____
 - c) Eye prophylaxis _____
 - d) Neonatal drug action & reaction _____

MY EXPERIENCE IS PRIMARILY IN:

- Level I Nursery _____ years
- Level II Nursery _____ years
- Level III Nursery _____ years

Name

Date