



## **NCC Task Analysis Content Validation Study**

### **Low Risk Neonatal Nursing 2004**

#### **Final Report**

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## 1. Background and Overview

The purpose of the task analysis/content validation study is to describe the domain of practice, knowledge, skills and abilities that are essential to the specialty practice of the Low Risk Neonatal Nurse.

The application of the data collected is used to identify test content to be included in the NCC examinations to insure the examinations are reflective of current practice, skills and knowledge.

The focus of the NCC Low Risk Neonatal Nursing certification examination is to demonstrate the special knowledge of the Low Risk Neonatal Nurse.

Phase I of the project included

- Logistic review: NCC content team members, a geographically diverse group representing both academic and clinical practice venues were charged to develop a list of knowledge components and tasks as associated with the existent test outlines.
- Development process and data collection
- Statistical compilation of the data

Phase II of the project included

Review of the data collected using a holistic approach to analysis. The following areas were described:

Employment Setting	Environmental set up and census
Practice Characteristics	Type of Patients and Practice Decision Making
Drug Management	Administration and Monitoring
Laboratory Tests and Diagnostic Studies Studies	Performance & Interpretation
Skills	Daily competencies

For the nursing management of conditions (patient interventions), participants were asked the following questions:

## How frequently do you manage neonates with

Patent ductus arteriosus	Sepsis
Coarctation of the aorta	Thrush
Congestive heart failure	CMV
Septal defects	Rubella
Tetralogy of Fallot	Varicella
Transposition of the great vessels	AIDS/HIV
Air leaks	Group B streptococcal infection
Respiratory distress syndrome	Chlamydia
Pneumonia	Syphilis
Persistent pulmonary hypertension	Herpes
Meconium aspiration syndrome	HPV
Diaphragmatic hernia	Hypoglycemia
Diastasis of recti muscles	Hypocalcemia
Duodenal atresia	Infants of diabetic mothers
Bowel obstruction	Hypospadias
Esophageal atresia	Undescended testes
Tracheoesophageal fistula	Testicular abnormalities
Imperforate anus	Hydrocele
Neural tube defects	Vaginal discharge
Gastroschisis	Chromosomal syndromes
Umbilical hernia	Physiologic jaundice
Meconium ileus	n-physiologic jaundice
Erythema toxicum	Breastfeeding jaundice
Milia	Kernicterus
Mongolian spots	Exposure in utero to alcohol
Hemangiomas	Exposure in utero to nicotine
Petechiae	Exposure in utero to cocaine
Cafe au lait spots	Exposure in utero to heroin/methadone
Clubfoot	
Fractures	
Molding	
Cephalohematoma	
Caput succedaneum	
Craniosyctosis	
Craniotabes	
Conjunctivitis	
Cataracts	
Cleft lip and/or palate	
Epstein's pearls	
Natal teeth	
Physiologic anemia	
Rh disease	
ABO incompatibility	
Polycythemia/hyperviscosity	
Seizures	
Jitteriness	
Brachial plexus injuries	

Development of policy recommendations for the content team to consider in sustaining or altering the test outline for examination development will be completed at the content team meeting to be held in October 2004.

## Phase II

Review of the data collected using a holistic approach to analysis. The area of concerns were

- Employment Setting
- Description of Practice Characteristics
- Laboratory Tests/Diagnostic Procedures
- Drug Management
- Patient Conditions
- Skills

The specific questions asked for each of the above areas are described in the Survey Template, Attachment 2.

## Development Process

The process used to identify essential knowledge, skills and abilities is described in Attachment 1. The survey template was developed based content team direction. See Attachment 2.

## Data Collection

With psychometric consultation, the tasks/skills identified by the content team were formulated into a survey instrument. Questions asked for each knowledge component or task are shown on the survey template. All participants were asked the questions relevant to the areas of concern identified above. Because of the volume of the questions the survey was divided into three separate parts.

All NCC certified LRN nurses of records (2572) were notified either via email contact or post card notice to go to the NCC website to complete the survey. 257 RNCs responded to the survey.

Part 1	96
Part 2	81
Part 3	80

In addition biographical information was also solicited as follows:

Education level  
Practice Setting  
Length of Current Practice  
Geographic Location

## Results

Summary of survey data are shown below:

### Biographical Data

#### Practice Setting

Hospital	98.4%
Physician's office	-----
Academic setting	.08%
Follow up clinic	.04%
Other	.04%

#### Highest Level of Education

Doctorate	.04%
Master's	17%
BSN	32%
Associate degree	33%
Diploma	18%

#### How long have been a LRN Nurse?

Less than a year	--
1-5 years	7%
6-10 years	24%
11-15 years	23%
16-20 years	20%
Over 20 years	27%

#### Where do you reside?

Northeast	21%
Southeast	27%
Midwest	22%
Northwest	9%
Southwest	21%

#### Employment Setting

#### Practice Characteristics

#### Laboratory Tests/Diagnostic Studies

#### Drug Management

#### Patient Conditions

#### Skills

These results are summarized in **Attachment 3.**  
**Attachment 1**

## TASK ANALYSIS CONTENT VALIDATION PROCEDURES

### Purpose:

The purpose of the task analysis/content validation study is to describe the domain of practice, knowledge, skills and abilities that are essential to the specialty practice of the Low Risk Neonatal Nurse

Participants: The Content Teams are the responsible parties for development of task analysis content validation procedures

### PHASE 1 DEVELOPMENT PROCESS

The identified development process utilized included:

Review of relevant practice standards and current literature

The following documents were reviewed:

- a. Review of relevant practice standards and current literature

The following documents were reviewed as appropriate:

- \* Scope and Standards of Advanced Practice Registered Nurses, American Nurses' Association (ANA),
- \* Neonatal Nursing: Orientation and Development for Registered and Advanced Practice Nursing in Basic and Intensive Care Setting, Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN),
- \* Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns, Association of Women's Health, Obstetrics and Neonatal Nurses (AWHONN).
- \* Nurse Providers of Neonatal Care: Guidelines for Educational Development and Practice, Association of Women's Health, Obstetrics and Neonatal Nurses (AWHONN).

- b. Review of current NCC competency statements and general and detailed test outlines for the Low Risk Neonatal Nursing examination.

The content team reviewed the current competency statements and test outline.

- c. Identification of Essential Knowledge, Skills and Abilities

The LRN Content Team based on the document review identified competencies and practice skills of the Low Risk Neonatal Nurse held a discussion regarding expected knowledge, abilities and skills of the LRN nurse. Based on this discussion, a list of knowledge components/task/skills were identified and prioritized.

## **PHASE II SURVEY TOOLS**

A survey tool was developed based on the content teams' direction and psychometric consultation to insure that areas to be explored, employment setting practice characteristics, nursing management, drug management laboratory/diagnostic tests and skills are addressed. All LRN certified nurses were invited to participate via email or postcard notice.

Raw data was compiled using a percentage scoring system. This assigns a percentage value for each question asked about each task, skill or knowledge component. Actual percentage ratings were recorded.



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## Low Risk Neonatal Nursing Survey Template

### Instructions to Survey Takers

We need your input to insure that the NCC Low Risk Neonatal Nursing (LRN) examination is reflective of current LRN practice. This survey relates to the type of patient you deal with, disposition of care and the nature and frequency of the conditions you manage. The data from this survey will be used by the NCC LRN Content Team to make revisions to the content outline from which questions are derived for assessment of special knowledge as a Low Risk Neonatal Nurse on the NCC certification examination.

### **Employment Setting**

Is your institution a

Level 1

Level 2

Level 3

Other

Is your unit set up as

Traditional unit, separate from L& D and Postpartum

LDR or LDRP

Single Room Maternity Care

Other

What is the average length of stay

Less than 2 days

2-4 days

5-7 days

More than 7 days

### **Practice Characteristics**

How frequently do you care for antepartum patients

How frequently do you care for laboring patients

How frequently do you care for postpartum patients

How frequently do you care for normal newborns

How frequently do you care for high risk neonates

How frequently do you provide transitional care

How frequently do you care neonate during the first two hours after birth

How frequently do you care for neonates in the delivery room  
How frequently do you perform follow up telephone calls

In given month, what percentage of your time is devoted to

Direct maternal care  
Direct neonatal care  
Parent teaching  
Discharge planning  
Administrative tasks  
Home care

Patient Conditions

How frequently do you manage neonates with

Patent ductus arteriosus  
Coarctation of the aorta  
Congestive heart failure  
Septal defects  
Tetralogy of Fallot  
Transposition of the great vessels  
Air leaks  
Respiratory distress syndrome  
Pneumonia  
Persistent pulmonary hypertension  
Meconium aspiration syndrome  
Diaphragmatic hernia  
Diastasis of recti muscles  
Duodenal atresia  
Bowel obstruction  
Esophageal atresia  
Tracheoesophageal fistula  
Imperforate anus  
Neural tube defects  
Gastroschisis  
Umbilical hernia  
Meconium ileus  
Erythema toxicum  
Milia  
Mogolian spots  
Hemangiomas  
Petechiae  
Cafe au lait spots  
Clubfoot  
Fractures  
Molding  
Cephalohematoma  
Caput succedaneum  
Craniosyctosis  
Craniotabes

Conjunctivitis  
Cataracts  
Cleft lip and/or palate  
Epstein's pearls  
Natal teeth  
Physiologic anemia  
Rh disease  
ABO incompatibility  
Polycythemia/hyperviscosity  
Seizures  
Jitteriness  
Brachial plexus injuries  
Sepsis  
Thrush  
CMV  
Rubella  
Varicella  
AIDS/HIV  
Group B streptococcal infection  
Chlamydia  
Syphilis  
Herpes  
HPV  
Hypoglycemia  
Hypocalcemia  
Infants of diabetic mothers  
Hypospadias  
Undescended testes  
Testicular abnormalities  
Hydrocele  
Vaginal discharge  
Chromosomal syndromes  
Physiologic jaundice  
non-physiologic jaundice  
Breastfeeding jaundice  
Kernicterus  
Exposure in utero to alcohol  
Exposure in utero to nicotine  
Exposure in utero to cocaine  
Exposure in utero to heroin/methadone

## Laboratory Tests and Diagnostic Studies

Do you manage neonates requiring a

Complete blood count  
White count with differential

Platelet count  
Evaluation of glucose levels  
Coombs testing  
Bilirubin levels  
Urine culture  
Stool culture  
Blood gas analysis

### **Drugs**

Do you administer or care of neonate receiving  
Antimicrobials  
Antihypertensive drugs  
Diuretics  
Anticonvulsants  
Bronchodilators  
Resuscitation drugs  
Respiratory stimulants  
Anticoagulants  
Antidysrhythmic drugs  
Steroids  
Surfactant replacement therapy  
Vaccinations  
Analgesia/narcotics  
Sedatives/hypnotics  
Vitamins  
Antacids and GI motility drugs

### **Skills**

How frequently do you

Review maternal history  
Interpret the significance of antepartum history  
Interpret the significance of intrapartum history  
Interpret the significance of fetal assessment tests and procedures  
Perform gestational age assessment  
Perform a general neonatal physical exam  
Take axillary temperatures  
Manage thermoregulation needs  
Perform a neurological examination  
Perform a behavioral assessment  
Define or recognize neonatal states  
Auscultate heart sounds  
Auscultate lungs sounds  
Assess peripheral pulses  
Assess respiratory rate  
Maintain skin integrity  
Palpate fontanelles

Measure head circumference  
Elicit the red reflex  
Assess capillary refill  
Perform the pull to sit maneuver  
Perform truncal tone assessment  
Perform heel sticks  
Manage neonates undergoing genetic screening  
Perform circumcision care  
Perform cord care  
Manage neonates undergoing phototherapy  
Bathe neonates  
Determine the Apgar score  
Perform neonatal resuscitation  
Administer vitamin K  
Administer eye prophylaxis  
Administer hepatitis B vaccine  
Provide patient teaching about lactation physiology  
Provide patient teaching about correct positioning for breastfeeding  
Provide patient teaching about neonatal nutritional requirements  
Provide patient teaching about breast care  
Monitor postpartum patients for nipple soreness  
Monitor postpartum patients for breast engorgement  
Take postpartum patients vital signs  
Monitor postpartum patients for normal uterine involution  
Observe parent infant attachment behaviors  
Observe for parental stress responses  
Engage in discharge planning  
Engage in parent teaching regarding neonatal care  
Read professional journals  
Obtain informed consent from parents  
Engage in a research project

## **Practice Demographics**

Is certification required for your position?  
Does your employer recognize certification?

## **Biographical Data**

### Practice Setting

Hospital  
Physician's office  
Academic setting  
Follow up clinic  
Other

Highest Level of Education

Ph.D.

Master's

Baccalaureate

Associate

Diploma

How long have been a Low Risk Neonatal Nurse

1-5 years

6-10 years

11-15 years

16-20 years

Over 20 years

Location

Northeast

Southeast

Midwest

Northwest

Southwest

2004 Low Risk Neonatal Nurses Content Validation/Task Analysis  
Survey Results

**Employment Setting**  
(Number of respondents = 257)

<b>Is your institution a</b>	N (of 257)	%
Level 1	38	14.8%
<b>Level 2</b>	<b>132</b>	<b>51.4%</b>
Level 3	81	31.5%
Other	6	2.3%

<b>Is your unit set up as</b>	N (of 257)	%
<b>Traditional, separate from L&amp;D &amp; Postpartum</b>	<b>134</b>	<b>52.1%</b>
LDR or LDRP	96	37.4%
Single Room Maternity Care	13	5.1%
Other	14	5.4%

<b>What is the average length of stay?</b>	N (of 257)	%
Less than 2 days	63	24.5%
<b>2-4 days</b>	<b>159</b>	<b>61.9%</b>
5-7 days	8	3.1%
More than 7 days	27	10.5%

**PRACTICE CHARACTERISTICS**

<b>How frequently do you care for ANTEPARTUM PATIENTS?</b>	N (of 257)	%
Every day	25	9.7%
A few times a week	25	9.7%
A few times a month	39	15.2%
A few times a year	33	12.8%
<b>Never</b>	<b>135</b>	<b>52.6%</b>

<b>How frequently do you care for LABORING PATIENTS?</b>	N (of 257)	%
Every day	31	12.1%
A few times a week	15	5.8%
A few times a month	17	6.6%
A few times a year	18	7%
<b>Never</b>	<b>176</b>	<b>68.5%</b>

How frequently do you care for <b>POSTPARTUM PATIENTS?</b>	N (of 257)	%
Every day	64	24.9%
A few times a week	34	13.2%
A few times a month	38	14.8%
A few times a year	43	16.7%
<b>Never</b>	<b>78</b>	<b>30.4%</b>

How frequently do you care for <b>NORMAL NEWBORNS?</b>	N (of 257)	%
<b>Every day</b>	<b>160</b>	<b>62.2%</b>
A few times a week	44	17.1%
A few times a month	29	11.3%
A few times a year	12	4.7%
Never	12	4.7%

How frequently do you care for <b>HIGH RISK NEONATES?</b>	N (of 257)	%
<b>Every day</b>	<b>70</b>	<b>27.2%</b>
A few times a week	58	22.6%
A few times a month	54	21%
A few times a year	49	19.1%
Never	26	10.1%

How frequently do you provide <b>TRANSITIONAL CARE?</b>	N (of 257)	%
<b>Every day</b>	<b>101</b>	<b>39.3%</b>
A few times a week	71	27.6%
A few times a month	45	17.5%
A few times a year	28	10.9%
Never	12	4.7%

How frequently do you care for neonates during the <b>FIRST TWO HOURS AFTER BIRTH?</b>	N (of 257)	%
<b>Every day</b>	<b>145</b>	<b>56.4%</b>
A few times a week	73	28.4%
A few times a month	23	8.9%
A few times a year	12	4.7%
Never	4	1.6%

How frequently do you care for neonates in the <b>DELIVERY ROOM?</b>	N (of 257)	%
<b>Every day</b>	<b>98</b>	<b>38.1%</b>
A few times a week	63	24.5%
A few times a month	35	13.6%
A few times a year	20	7.8%
Never	41	16%

How frequently do you perform <b>FOLLOW UP TELEPHONE CALLS?</b>	N (of 257)	%
Every day	16	6.2%
A few times a week	34	13.2%
A few times a month	15	5.8%
A few times a year	40	15.6%
<b>Never</b>	<b>152</b>	<b>59.2%</b>

In a given month, what percentage of your time is devoted to <b>DIRECT MATERNAL CARE?</b>	N (of 257)	%
<b>Less than 10%</b>	<b>130</b>	<b>50.6%</b>
11-25%	27	10.5%
26-50%	31	12.1%
51-75%	18	7%
76-100%	51	19.8%

In a given month, what percentage of your time is devoted to <b>DIRECT NEONATAL CARE?</b>	N (of 257)	%
Less than 10%	11	4.3%
11-25%	12	4.7%
26-50%	26	10.1%
51-75%	35	13.6%
<b>76-100%</b>	<b>173</b>	<b>67.3%</b>

In a given month, what percentage of your time is devoted to <b>PARENT TEACHING?</b>	N (of 257)	%
Less than 10%	10	3.9%
11-25%	58	22.6%
26-50%	63	24.5%
51-75%	53	20.6%
<b>76-100%</b>	<b>73</b>	<b>28.4%</b>

In a given month, what percentage of your time is devoted to <b>DISCHARGE PLANNING?</b>	N (of 257)	%
Less than 10%	39	15.2%
<b>11-25%</b>	<b>73</b>	<b>28.4%</b>
26-50%	57	22.2%
51-75%	45	17.5%
76-100%	43	16.7%

In a given month, what percentage of your time is devoted to <b>ADMINISTRATIVE TASKS?</b>	N (of 257)	%
<b>Less than 10%</b>	<b>124</b>	<b>48.2%</b>
11-25%	66	25.7%
26-50%	48	18.7%
51-75%	12	4.7%
76-100%	7	2.7%

In a given month, what percentage of your time is devoted to <b>HOME CARE?</b>	N (of 257)	%
<b>Less than 10%</b>	<b>239</b>	<b>93%</b>
11-25%	7	2.7%
26-50%	8	3.1%
51-75%	1	.4%
76-100%	2	.8%

### PATIENT CONDITIONS

How frequently do you manage neonates with <b>PATENT DUCTUS ARTERIOSUS?</b>	N (of 96)	%
Every day	2	2.1%
A few times a week	9	9.3%
A few times a month	26	27.1%
<b>A few times a year</b>	<b>43</b>	<b>44.8%</b>
Never	16	16.7%

How frequently do you manage neonates with <b>SEPTAL DEFECTS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	3	3.1%
A few times a month	22	22.9%
<b>A few times a year</b>	<b>48</b>	<b>50%</b>
Never	23	24%

How frequently do you manage neonates with <b>AIR LEAKS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	4	4.2%
A few times a month	9	9.4%
<b>A few times a year</b>	<b>51</b>	<b>53.1%</b>
Never	32	33.3%

How frequently do you manage neonates with <b>DIAPHRAGMATIC HERNIA?</b>	N (of 96)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	1	1%
A few times a year	31	32.3%
<b>Never</b>	<b>64</b>	<b>66.7%</b>

How frequently do you manage neonates with <b>BOWEL OBSTRUCTION?</b>	N (of 96)	%
Every day	0	0%
A few times a week	1	0%
A few times a month	1	1%
A few times a year	44	45.8%
<b>Never</b>	<b>50</b>	<b>52.1%</b>

How frequently do you manage neonates with <b>ESOPHAGEAL ATRESIA?</b>	N (of 96)	%
Every day	0	0
A few times a week	0	0
A few times a month	1	1%
A few times a year	28	29.2%
<b>Never</b>	<b>67</b>	<b>69.8%</b>

How frequently do you manage neonates with <b>TRACHEOESOPHAGEAL FISTULA?</b>	N (of 96)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	0	0%
A few times a year	29	30.2%
<b>Never</b>	<b>67</b>	<b>69.8%</b>

How frequently do you manage neonates with <b>ERYTHEMA TOXICUM?</b>	N (of 96)	%
Every day	9	9.4%
A few times a week	24	25%
<b>A few times a month</b>	<b>28</b>	<b>29.2%</b>
A few times a year	21	21.9%
Never	14	14.5%

How frequently do you manage neonates with <b>CAFÉ AU LAIT SPOTS?</b>	N (of 96)	%
Every day	3	3%
A few times a week	11	11.5%
A few times a month	21	21.9%
<b>A few times a year</b>	<b>42</b>	<b>43.8%</b>
Never	19	19.8%

How frequently do you manage neonates with <b>MOLDING?</b>	N (of 96)	%
<b>Every day</b>	<b>50</b>	<b>52.1%</b>
A few times a week	34	35.4%
A few times a month	8	8.3%
A few times a year	3	3.1%
Never	1	1.1%

How frequently do you manage neonates with <b>CRANIOSYNOSTOSIS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	1	1%
A few times a month	3	3.1%
A few times a year	38	39.6%
<b>Never</b>	<b>54</b>	<b>56.3%</b>

How frequently do you manage neonates with <b>CATARACTS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	0	0%
A few times a year	26	27.1%
<b>Never</b>	<b>70</b>	<b>72.9%</b>

How frequently do you manage neonates with <b>NATAL TEETH?</b>	N (of 96)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	5	5.2%
<b>A few times a year</b>	<b>62</b>	<b>64.6%</b>
Never	29	30.2%

How frequently do you manage neonates with <b>ABO INCOMPATIBILITY?</b>	N (of 96)	%
Every day	1	1%
A few times a week	21	21.9%
<b>A few times a month</b>	<b>36</b>	<b>37.5%</b>
A few times a year	33	34.4%
Never	5	5.2%

How frequently do you manage neonates with <b>JITTERINESS?</b>	N (of 96)	%
Every day	13	13.5%
<b>A few times a week</b>	<b>40</b>	<b>41.7%</b>
A few times a month	37	38.5%
A few times a year	6	6.3%
Never	0	0%

How frequently do you manage neonates with <b>THRUSH?</b>	N (of 96)	%
Every day	2	2.1%
A few times a week	3	3.1%
A few times a month	22	22.9%
<b>A few times a year</b>	<b>47</b>	<b>49%</b>
Never	22	22.9%

How frequently do you manage neonates with <b>VARICELLA?</b>	N (of 96)	%
Every day	0	0
A few times a week	0	0
A few times a month	1	1.1%
A few times a year	20	20.8%
<b>Never</b>	<b>75</b>	<b>78.1%</b>

How frequently do you manage neonates with <b>SYPHILIS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	1	1%
A few times a month	2	2.1%
A few times a year	31	32.3%
<b>Never</b>	<b>62</b>	<b>64.6%</b>

How frequently do you manage neonates with <b>HYPOGLYCEMIA?</b>	N (of 96)	%
Every day	14	14.6%
<b>A few times a week</b>	<b>50</b>	<b>52.1%</b>
A few times a month	24	25%
A few times a year	6	6.3%
Never	2	2.1%

How frequently do you manage neonates with <b>HYPOSPADIAS?</b>	N (of 96)	%
Every day	0	0%
A few times a week	2	2.1%
A few times a month	25	26%
<b>A few times a year</b>	<b>67</b>	<b>69.8%</b>
Never	2	2.1%

How frequently do you manage neonates with <b>HYDROCELE?</b>	N (of 96)	%
Every day	1	1.1%
A few times a week	7	7.3%
A few times a month	34	35.4%
<b>A few times a year</b>	<b>51</b>	<b>53.1%</b>
Never	3	3.1%

How frequently do you manage neonates with <b>PHYSIOLOGIC JAUNDICE?</b>	N (of 96)	%
Every day	16	16.7%
<b>A few times a week</b>	<b>44</b>	<b>45.8%</b>
A few times a month	26	27.1%
A few times a year	10	10.4%
Never	0	0%

How frequently do you manage neonates <b>EXPOSED IN UTERO to NICOTINE?</b>	N (of 96)	%
Every day	24	25%
<b>A few times a week</b>	<b>38</b>	<b>39.6%</b>
A few times a month	26	27.1%
A few times a year	6	6.3%
Never	2	2%

How frequently do you manage neonates with <b>COARCTATION OF THE AORTA?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	5	6.2%
A few times a year	33	40.7%
<b>Never</b>	<b>43</b>	<b>53.1%</b>

How frequently do you manage neonates with <b>CONGESTIVE HEART FAILURE?</b>	N (of 81)	%
Every day	0	0%
A few times a week	2	2.5%
A few times a month	3	3.7%
A few times a year	35	43.2%
<b>Never</b>	<b>41</b>	<b>50.6%</b>

How frequently do you manage neonates with <b>TRANSPORTATION OF THE GREAT VESSELS?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	2	2.5%
<b>A few times a year</b>	<b>40</b>	<b>49.4%</b>
Never	39	48.1%

How frequently do you manage neonates with <b>PNEUMONIA?</b>	N (of 81)	%
Every day	3	3.7%
A few times a week	6	7.4%
<b>A few times a month</b>	<b>33</b>	<b>40.7%</b>
A few times a year	27	33.3%
Never	12	14.9%

How frequently do you manage neonates with <b>PERSISTENT PULMONARY HYPERTENSION?</b>	N (of 81)	%
Every day	1	1.2%
A few times a week	1	1.2%
A few times a month	13	16%
<b>A few times a year</b>	<b>34</b>	<b>42.1%</b>
Never	32	39.5%

How frequently do you manage neonates with <b>DIASTASIS OF RECTI MUSCLES?</b>	N (of 81)	%
Every day	0	0%
A few times a week	2	2.5%
A few times a month	3	3.7%
A few times a year	32	39.5%
<b>Never</b>	<b>44</b>	<b>54.3%</b>

How frequently do you manage neonates with <b>DUODENAL ATRESIA?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	0	0%
A few times a year	31	38.3%
<b>Never</b>	<b>50</b>	<b>61.7%</b>

How frequently do you manage neonates with <b>IMPERFORATE ANUS?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	2	2.5%
<b>A few times a year</b>	<b>45</b>	<b>55.6%</b>
Never	34	41.9%

How frequently do you manage neonates with <b>NEURAL TUBE DEFECTS?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	0	0%
A few times a year	37	45.7%
<b>Never</b>	<b>44</b>	<b>54.3%</b>

How frequently do you manage neonates with <b>UMBILICAL HERNIA?</b>	N (of 81)	%
Every day	0	0%
A few times a week	3	3.7%
A few times a month	23	28.4%
<b>A few times a year</b>	<b>45</b>	<b>55.6%</b>
Never	10	12.3%

How frequently do you manage neonates with <b>MILIA?</b>	N (of 81)	%
<b>Every day</b>	<b>35</b>	<b>43.2%</b>
A few times a week	25	30.9%
A few times a month	16	19.8%
A few times a year	3	3.7%
Never	2	2.4%

How frequently do you manage neonates with <b>HEMANGIOMAS?</b>	N (of 81)	%
Every day	2	2.5%
A few times a week	9	11.1%
A few times a month	30	37%
<b>A few times a year</b>	<b>36</b>	<b>44.4%</b>
Never	4	5%

How frequently do you manage neonates with <b>FRACTURES?</b>	N (of 81)	%
Every day	0	0%
A few times a week	1	1.2%
A few times a month	14	17.3%
<b>A few times a year</b>	<b>56</b>	<b>69.1%</b>
Never	10	12.4%

How frequently do you manage neonates with <b>CEPHALOHEMATOMA?</b>	N (of 81)	%
Every day	8	9.9%
A few times a week	22	27.2%
<b>A few times a month</b>	<b>40</b>	<b>49.4%</b>
A few times a year	8	9.9%
Never	3	3.6%

How frequently do you manage neonates with <b>CRANIOTABES?</b>	N (of 81)	%
Every day	0	0%
A few times a week	4	4.9%
A few times a month	9	11.1%
<b>A few times a year</b>	<b>35</b>	<b>43.2%</b>
Never	33	40.8%

How frequently do you manage neonates with <b>CONJUNCTIVITIS?</b>	N (of 81)	%
Every day	1	1.2%
A few times a week	3	3.7%
A few times a month	27	33.3%
<b>A few times a year</b>	<b>39</b>	<b>48.1%</b>
Never	11	13.7%

How frequently do you manage neonates with <b>CLEFT LIP AND/OR PALATE?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	8	9.9%
<b>A few times a year</b>	<b>69</b>	<b>85.2%</b>
Never	4	4.9%

How frequently do you manage neonates with <b>EPSTEIN'S PEARLS?</b>	N (of 81)	%
Every day	10	12.3%
A few times a week	9	11.2%
A few times a month	22	27.2%
<b>A few times a year</b>	<b>36</b>	<b>44.4%</b>
Never	4	4.9%

How frequently do you manage neonates with <b>PHYSIOLOGIC ANEMIA?</b>	N (of 81)	%
Every day	4	4.9%
A few times a week	2	2.5%
A few times a month	16	19.8%
<b>A few times a year</b>	<b>45</b>	<b>55.6%</b>
Never	14	17.2%

How frequently do you manage neonates with <b>POLYCYTHEMIA/HYPERVISCOSITY?</b>	N (of 81)	%
Every day	0	0%
A few times a week	3	3.7%
A few times a month	18	22.2%
<b>A few times a year</b>	<b>49</b>	<b>60.5%</b>
Never	11	13.6%

How frequently do you manage neonates with <b>SEIZURES?</b>	N (of 81)	%
Every day	1	1.2%
A few times a week	1	1.2%
A few times a month	8	9.9%
<b>A few times a year</b>	<b>57</b>	<b>70.4%</b>
Never	14	17.3%

How frequently do you manage neonates with <b>BRACHIAL PLEXUS INJURIES?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	3	3.7%
<b>A few times a year</b>	<b>70</b>	<b>86.4%</b>
Never	8	9.9%

How frequently do you manage neonates with <b>SEPSIS?</b>	N (of 81)	%
Every day	5	6.2%
A few times a week	22	27.2%
<b>A few times a month</b>	<b>31</b>	<b>38.3%</b>
A few times a year	13	16%
Never	10	12.3%

How frequently do you manage neonates with <b>RUBELLA?</b>	N (of 81)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	0	0%
A few times a year	11	13.6%
<b>Never</b>	<b>70</b>	<b>86.4%</b>

How frequently do you manage neonates with <b>GROUP B STREPTOCOCCAL INFECTION?</b>	N (of 81)	%
Every day	4	4.9%
A few times a week	6	7.4%
A few times a month	23	28.4%
<b>A few times a year</b>	<b>37</b>	<b>45.7%</b>
Never	11	13.6%

How frequently do you manage neonates with <b>HERPES?</b>	N (of 81)	%
Every day	0	0%
A few times a week	2	2.5%
A few times a month	2	2.5%
<b>A few times a year</b>	<b>50</b>	<b>61.7%</b>
Never	27	33.3%

How frequently do you manage neonates with <b>HYPOCALCEMIA?</b>	N (of 81)	%
Every day	2	2.5%
A few times a week	3	3.7%
A few times a month	13	16%
<b>A few times a year</b>	<b>43</b>	<b>43.1%</b>
Never	20	24.7%

How frequently do you manage neonates with <b>UNDESCENDED TESTES?</b>	N (of 81)	%
Every day	3	3.7%
A few times a week	3	3.7%
A few times a month	26	32.1%
<b>A few times a year</b>	<b>47</b>	<b>58%</b>
Never	2	2.5%

How frequently do you manage neonates with <b>VAGINAL DISCHARGE?</b>	N (of 81)	%
Every day	12	14.8%
A few times a week	16	19.8%
<b>A few times a month</b>	<b>33</b>	<b>40.7%</b>
A few times a year	16	19.8%
Never	4	4.9%

How frequently do you manage neonates with <b>CHROMOSOMAL SYNDROMES?</b>	N (of 81)	%
Every day	1	1.2%
A few times a week	1	1.2%
A few times a month	11	13.6%
<b>A few times a year</b>	<b>62</b>	<b>76.5%</b>
Never	6	7.5%

How frequently do you manage neonates with <b>NON-PHYSIOLOGIC JAUNDICE?</b>	N (of 81)	%
Every day	6	7.4%
A few times a week	9	11.1%
<b>A few times a month</b>	<b>32</b>	<b>39.5%</b>
A few times a year	25	30.9%
Never	9	11.1%

How frequently do you manage neonates with <b>EXPOSED IN UTERO TO ALCOHOL?</b>	N (of 81)	%
Every day	0	0%
A few times a week	6	7.4%
A few times a month	18	22.2%
<b>A few times a year</b>	<b>49</b>	<b>60.5%</b>
Never	8	9.9%

How frequently do you manage neonates with <b>EXPOSED IN UTERO TO HEROIN/METHADONE?</b>	N (of 81)	%
Every day	1	1.2%
A few times a week	0	0%
A few times a month	20	24.7%
<b>A few times a year</b>	<b>44</b>	<b>54.3%</b>
Never	16	19.8%

How frequently do you manage neonates with <b>TETRALOGY OF FALLOT?</b>	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	1	1.3%
A few times a year	24	30%
<b>Never</b>	<b>55</b>	<b>68.7%</b>

How frequently do you manage neonates with <b>RESPIRATORY DISTRESS SYNDROME?</b>	N (of 80)	%
Every day	9	11.2%
A few times a week	15	18.8%
<b>A few times a month</b>	<b>26</b>	<b>32.5%</b>
A few times a year	18	22.5%
Never	12	15%

How frequently do you manage neonates with <b>MECONIUM ASPIRATION SYNDROME?</b>	N (of 80)	%
Every day	0	0%
A few times a week	5	6.3%
A few times a month	19	23.8%
<b>A few times a year</b>	<b>33</b>	<b>41.3%</b>
Never	23	28.6%

How frequently do you manage neonates with <b>GASTROSCHISIS?</b>	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	2	2.5%
A few times a year	20	25%
<b>Never</b>	<b>58</b>	<b>72.5%</b>

How frequently do you manage neonates with <b>MECONIUM ILEUS?</b>	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	3	3.7%
A few times a year	24	30%
<b>Never</b>	<b>53</b>	<b>66.3%</b>

How frequently do you manage neonates with <b>MONGOLIAN SPOTS?</b>	N (of 80)	%
Every day	27	33.8%
<b>A few times a week</b>	<b>30</b>	<b>37.5%</b>
A few times a month	15	18.7%
A few times a year	7	8.7%
Never	1	1.3%

How frequently do you manage neonates with <b>PETECHIAE?</b>	N (of 80)	%
Every day	13	16.2%
<b>A few times a week</b>	<b>27</b>	<b>33.8%</b>
A few times a month	24	30%
A few times a year	14	17.5%
Never	2	2.5%

How frequently do you manage neonates with <b>CLUBFOOT?</b>	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	6	7.5%
<b>A few times a year</b>	<b>69</b>	<b>86.3%</b>
Never	5	6.2%

How frequently do you manage neonates with <b>CAPUT SUCCEDANEUM?</b>	N (of 80)	%
Every day	12	15%
<b>A few times a week</b>	<b>30</b>	<b>37.5%</b>
A few times a month	27	33.8%
A few times a year	9	11.3%
Never	2	2.4%

How frequently do you manage neonates with <b>PUSTULAR MELANOSIS?</b>	N (of 80)	%
Every day	0	0%
A few times a week	9	11.3%
<b>A few times a month</b>	<b>23</b>	<b>28.7%</b>
A few times a year	25	25%
Never	23	23%

How frequently do you manage neonates with <b>Rh DISEASE?</b>	N (of 80)	%
Every day	0	0%
A few times a week	6	7.5%
A few times a month	20	25%
A few times a year	28	35%
<b>Never</b>	<b>26</b>	<b>32.5%</b>

How frequently do you manage neonates with <b>CMV</b> ?	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	2	2.5%
A few times a year	35	43.8%
<b>Never</b>	<b>43</b>	<b>53.7%</b>

How frequently do you manage neonates with <b>AIDS/HIV</b> ?	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	5	6.2%
<b>A few times a year</b>	<b>43</b>	<b>53.8%</b>
Never	32	40%

How frequently do you manage neonates with <b>CHLAMYDIA</b> ?	N (of 80)	%
Every day	0	0%
A few times a week	2	2.5%
A few times a month	6	7.5%
<b>A few times a year</b>	<b>36</b>	<b>45%</b>
Never	36	45%

How frequently do you manage neonates with <b>HPV</b> ?	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	2	2.5%
A few times a year	36	45%
<b>Never</b>	<b>42</b>	<b>52.5%</b>

How frequently do you manage <b>INFANTS OF DIABETIC MOTHERS</b> ?	N (of 80)	%
Every day	7	8.8%
A few times a week	28	35%
<b>A few times a month</b>	<b>36</b>	<b>45%</b>
A few times a year	8	10%
Never	1	1.2%

How frequently do you manage neonates with <b>TESTICULAR ABNORMALITIES?</b>	N (of 80)	%
Every day	0	0%
A few times a week	0	0%
A few times a month	8	10%
<b>A few times a year</b>	<b>62</b>	<b>77.5%</b>
Never	10	12.5%

How frequently do you manage neonates with <b>BREASTFEEDING JAUNDICE?</b>	N (of 80)	%
Every day	2	2.5%
A few times a week	16	20%
<b>A few times a month</b>	<b>28</b>	<b>35%</b>
A few times a year	26	32.5%
Never	8	10%

How frequently do you manage neonates with <b>KERNICTERUS?</b>	N (of 80)	%
Every day	0	0%
A few times a week	5	6.3%
A few times a month	6	7.5%
A few times a year	12	15%
<b>Never</b>	<b>57</b>	<b>71.2%</b>

How frequently do you manage neonates <b>EXPOSED IN UTERO TO COCAINE?</b>	N (of 80)	%
Every day	1	1.2%
A few times a week	5	6.2%
A few times a month	28	35%
<b>A few times a year</b>	<b>39</b>	<b>48.8%</b>
Never	7	8.8%

## LABORATORY TESTS AND DIAGNOSTIC STUDIES

Do you manage neonates requiring a <b>COMPLETE BLOOD COUNT?</b>	N (of 257)	%
Yes	250	97.3%
No	7	.7%

Do you manage neonates requiring a <b>WHITE COUNT WITH DIFFERENTIAL?</b>	N (of 257)	%
Yes	249	96.9%
No	8	3.1%

Do you manage neonates requiring a <b>PLATELET COUNT?</b>	N (of 257)	%
Yes	245	95.3%
No	12	4.7%

Do you manage neonates requiring evaluation of <b>GLUCOSE LEVELS?</b>	N (of 257)	%
Yes	253	98.4%
No	4	1.6%

Do you manage neonates requiring <b>COOMBS TESTING?</b>	N (of 257)	%
Yes	252	98.1%
No	5	1.9%

Do you manage neonates requiring evaluation of <b>BILIRUBIN LEVELS?</b>	N (of 257)	%
Yes	252	98.1%
No	5	1.9%

Do you manage neonates requiring a <b>URINE CULTURE?</b>	N (of 257)	%
Yes	217	84.4%
No	140	16.6%

Do you manage neonates requiring a <b>STOOL CULTURE?</b>	N (of 257)	%
Yes	182	70.8%
No	75	29.2%

Do you manage neonates requiring a <b>BLOOD GAS ANALYSIS?</b>	N (of 257)	%
Yes	210	81.7%
No	47	18.3%

### DRUGS

Do you administer or care for neonates receiving <b>ANTIMICROBIALS?</b>	N (of 257)	%
Yes	219	85.2%
No	38	14.8%

Do you administer or care for neonates receiving <b>ANTIHYPERTENSIVE DRUGS?</b>	N (of 257)	%
Yes	122	47.5%
No	135	52.5%

Do you administer or care for neonates receiving <b>DIURETICS?</b>	N (of 257)	%
Yes	127	49.4%
No	130	50.6%

Do you administer or care for neonates receiving <b>ANTICONVULSANTS?</b>	N (of 257)	%
Yes	159	61.9%
No	98	38.1%

Do you administer or care for neonates receiving <b>BRONCHODILATORS?</b>	N (of 257)	%
Yes	115	44.8%
No	142	55.2%

Do you administer or care for neonates receiving <b>RESUSCITATION DRUGS?</b>	N (of 257)	%
Yes	199	77.4%
No	58	22.6%

Do you administer or care for neonates receiving <b>RESPIRATORY STIMULANTS?</b>	N (of 257)	%
Yes	151	58.8%
No	106	41.2%

Do you administer or care for neonates receiving <b>ANTICOAGULANTS?</b>	N (of 257)	%
Yes	80	31.1%
No	177	68.9%

Do you administer or care for neonates receiving <b>ANTIDYSRHYTHMIC DRUGS?</b>	N (of 257)	%
Yes	82	31.9%
No	175	68.1%

Do you administer or care for neonates receiving <b>STEROIDS?</b>	N (of 257)	%
Yes	107	41.6%
No	150	58.4%

Do you administer or care for neonates receiving <b>SURFACTANT REPLACEMENT THERAPY?</b>	N (of 257)	%
Yes	139	54.1%
No	118	45.9%

Do you administer or care for neonates receiving <b>VACCINATIONS?</b>	N (of 257)	%
Yes	242	94.2%
No	15	5.8%

Do you administer or care for neonates receiving <b>ANALGESIA / NARCOTICS?</b>	N (of 257)	%
Yes	180	70%
No	77	30%

Do you administer or care for neonates receiving <b>SEDATIVES / HYPNOTICS?</b>	N (of 257)	%
Yes	118	45.9%
No	139	54.1%

Do you administer or care for neonates receiving <b>VITAMINS?</b>	N (of 257)	%
Yes	195	75.9%
No	62	24.1%

Do you administer or care for neonates receiving <b>ANTACIDS and GI MOTILITY DRUGS?</b>	N (of 257)	%
Yes	163	63.4%
No	94	36.6%

## SKILLS

How frequently do you <b>INTERPRET</b> the <b>SIGNIFICANCE of ANTEPARTUM HISTORY?</b>	N (of 96)	%
<b>Everyday</b>	<b>69</b>	<b>71.9%</b>
A few times a week	19	19.8%
A few times a month	5	5.2%
A few times a year	1	1%
Never	2	2.1%

How frequently do you <b>INTERPRET</b> the <b>SIGNIFICANCE of FETAL ASSESSMENT TESTS and PROCEDURES?</b>	N (of 96)	%
<b>Everyday</b>	<b>51</b>	<b>53.1%</b>
A few times a week	28	29.2%
A few times a month	9	9.3%
A few times a year	4	4.2%
Never	4	4.2%

How frequently do you <b>PERFORM GESTATIONAL AGE ASSESSMENT?</b>	N (of 96)	%
<b>Everyday</b>	<b>48</b>	<b>50%</b>
A few times a week	26	27.1%
A few times a month	13	13.5%
A few times a year	5	5.2%
Never	4	4.2%

How frequently do you <b>MANAGE THERMOREGULATION NEEDS?</b>	N (of 96)	%
<b>Everyday</b>	<b>79</b>	<b>82.3%</b>
A few times a week	13	13.5%
A few times a month	2	2.1%
A few times a year	2	2.1%
Never	0	0%

How frequently do you <b>DEFINE or RECOGNIZE NEONATAL STATES?</b>	N (of 96)	%
<b>Everyday</b>	<b>78</b>	<b>81.3%</b>
A few times a week	11	11.5%
A few times a month	1	1%
A few times a year	3	3.1%
Never	3	3.1%

How frequently do you <b>AUSCULTATE HEART SOUNDS?</b>	N (of 96)	%
<b>Everyday</b>	<b>85</b>	<b>88.5%</b>
A few times a week	7	7.3%
A few times a month	4	4.2%
A few times a year	0	0%
Never	0	0%

How frequently do you <b>ASSESS RESPIRATORY RATE?</b>	N (of 96)	%
<b>Everyday</b>	<b>86</b>	<b>89.6%</b>
A few times a week	7	7.3%
A few times a month	3	3.1%
A few times a year	0	0%
Never	0	0%

How frequently do you <b>PALPATE FONTANELLES?</b>	N (of 96)	%
<b>Everyday</b>	<b>84</b>	<b>87.5%</b>
A few times a week	9	9.4%
A few times a month	3	3.1%
A few times a year	0	0%
Never	0	0%

How frequently do you <b>ASSESS CAPELLARY REFILL?</b>	N (of 96)	%
<b>Everyday</b>	<b>77</b>	<b>80.2%</b>
A few times a week	11	11.5%
A few times a month	5	5.2%
A few times a year	1	1%
Never	2	2.1%

How frequently do you perform the <b>PULL to SIT MANEUVER?</b>	N (of 96)	%
<b>Everyday</b>	<b>33</b>	<b>34.4%</b>
A few times a week	17	17.7%
A few times a month	15	15.6%
A few times a year	10	10.4%
Never	21	21.9%

How frequently do you perform <b>HEEL STICKS?</b>	N (of 96)	%
<b>Everyday</b>	<b>64</b>	<b>66.7%</b>
A few times a week	24	25%
A few times a month	5	5.2%
A few times a year	2	2.1%
Never	1	1%

How frequently do you perform <b>CIRCUMSION CARE?</b>	N (of 96)	%
<b>Everyday</b>	<b>44</b>	<b>45.8%</b>
A few times a week	31	32.3%
A few times a month	13	13.5%
A few times a year	7	7.3%
Never	1	1%

How frequently do you perform <b>BATHE NEONATES?</b>	N (of 96)	%
<b>Everyday</b>	<b>49</b>	<b>51%</b>
A few times a week	39	40.6%
A few times a month	4	4.2%
A few times a year	3	3.1%
Never	1	1%

How frequently do you determine the <b>APGAR SCORE?</b>	N (of 96)	%
<b>Everyday</b>	<b>50</b>	<b>52.1%</b>
A few times a week	22	22.9%
A few times a month	11	11.5%
A few times a year	3	3.1%
Never	10	10.4%

How frequently do you administer <b>VITAMIN K?</b>	N (of 96)	%
<b>Everyday</b>	<b>55</b>	<b>57.3%</b>
A few times a week	26	27.1%
A few times a month	6	6.3%
A few times a year	6	6.3%
Never	3	3.1%

How frequently do you provide patient teaching about <b>LACTATION PHYSIOLOGY?</b>	N (of 96)	%
<b>Everyday</b>	<b>52</b>	<b>54.2%</b>
A few times a week	29	30.2%
A few times a month	11	11.5%
A few times a year	4	4.2%
Never	0	0%

How frequently do you take <b>POSTPARTUM PATIENTS VITAL SIGNS?</b>	N (of 96)	%
Everyday	24	25%
A few times a week	17	17.7%
A few times a month	16	16.7%
A few times a year	12	12.5%
<b>Never</b>	<b>27</b>	<b>28.1%</b>

How frequently do you observe <b>PARENT INFANT ATTACHMENT BEHAVIORS?</b>	N (of 96)	%
<b>Everyday</b>	<b>78</b>	<b>81.3%</b>
A few times a week	13	13.5%
A few times a month	5	5.2%
A few times a year	0	0%
Never	0	0%

How frequently do you <b>REVIEW MATERNAL HISTORY?</b>	N (of 81)	%
<b>Every day</b>	<b>64</b>	<b>79%</b>
A few times a week	13	16%
A few times a month	4	4.9%
A few times a year	0	0%
Never	0	0%

How frequently do you <b>PERFORM A GENERAL NEONATAL PHYSICAL EXAM?</b>	N (of 81)	%
<b>Every day</b>	<b>72</b>	<b>88.9%</b>
A few times a week	6	7.4%
A few times a month	1	1.2%
A few times a year	1	1.2%
Never	1	1.2%

How frequently do you <b>PERFORM A NEUROLOGICAL EXAMINATION?</b>	N (of 81)	%
<b>Every day</b>	<b>52</b>	<b>64.2%</b>
A few times a week	12	14.8%
A few times a month	9	11.1%
A few times a year	1	1.2%
Never	7	8.6%

How frequently do you <b>AUSCULATE LUNGS SOUNDS?</b>	N (of 81)	%
<b>Every day</b>	<b>74</b>	<b>91.4%</b>
A few times a week	5	6.2%
A few times a month	1	1.2%
A few times a year	0	0%
Never	1	1.2%

How frequently do you <b>ASSESS PERIPHERAL PULSES?</b>	N (of 81)	%
<b>Every day</b>	<b>63</b>	<b>77.8%</b>
A few times a week	11	13.6%
A few times a month	2	2.5%
A few times a year	4	4.9%
Never	1	1.2%

How frequently do you <b>PERFORM INTERVENTIONS THAT ASSIST IN MAINTAINING SKIN INTEGRITY?</b>	N (of 81)	%
<b>Every day</b>	<b>66</b>	<b>81.5%</b>
A few times a week	9	11.1%
A few times a month	4	4.9%
A few times a year	1	1.2%
Never	1	1.2%

How frequently do you <b>MEASURE HEAD CIRCUMFERENCE?</b>	N (of 81)	%
<b>Every day</b>	<b>50</b>	<b>61.7%</b>
A few times a week	22	27.2%
A few times a month	5	6.2%
A few times a year	2	2.5%
Never	2	2.5%

How frequently do you <b>ELICIT THE RED REFLEX?</b>	N (of 81)	%
Every day	13	16%
A few times a week	8	9.9%
A few times a month	10	12.3%
A few times a year	15	18.5%
<b>Never</b>	<b>35</b>	<b>43.2%</b>

How frequently do you <b>PERFORM TRUNCAL TONE ASSESSMENT?</b>	N (of 81)	%
<b>Every day</b>	<b>36</b>	<b>44.4%</b>
A few times a week	11	13.6%
A few times a month	8	9.9%
A few times a year	9	11.1%
Never	17	21%

How frequently do you <b>PERFORM CORD CARE?</b>	N (of 81)	%
<b>Every day</b>	<b>65</b>	<b>80.2%</b>
A few times a week	9	11.1%
A few times a month	2	2.5%
A few times a year	0	0%
Never	5	6.2%

How frequently do you <b>PERFORM NEONATAL RESUSCITATION?</b>	N (of 81)	%
Every day	8	9.9%
A few times a week	16	19.8%
<b>A few times a month</b>	<b>26</b>	<b>32.1%</b>
A few times a year	23	28.4%
Never	8	9.9%

How frequently do you <b>ADMINISTER HEPATITIS B VACCINE?</b>	N (of 81)	%
<b>Every day</b>	<b>32</b>	<b>39.5%</b>
A few times a week	17	21%
A few times a month	18	22.2%
A few times a year	12	14.8%
Never	2	2.5%

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT CORRECT POSITIONING FOR BREASTFEEDING?</b>	N (of 81)	%
<b>Every day</b>	<b>57</b>	<b>70.4%</b>
A few times a week	41	17.3%
A few times a month	6	7.4%
A few times a year	4	4.9%
Never	0	0%

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT BREAST CARE?</b>	N (of 81)	%
<b>Every day</b>	<b>50</b>	<b>61.7%</b>
A few times a week	18	22.2%
A few times a month	6	7.4%
A few times a year	6	7.4%
Never	1	1.2%

How frequently do you <b>MONITOR POSTPARTUM PATIENTS FOR BREAST ENGORGE MENT?</b>	N (of 81)	%
<b>Every day</b>	<b>36</b>	<b>44.4%</b>
A few times a week	12	14.8%
A few times a month	17	21%
A few times a year	6	7.4%
Never	10	12.3%

How frequently do you <b>MONITOR POSTPARTUM PATIENTS FOR NORMAL UTERINE INVOLUTION?</b>	N (of 81)	%
Every day	19	23.5%
A few times a week	10	12.3%
A few times a month	9	11.1%
A few times a year	8	9.9%
<b>Never</b>	<b>35</b>	<b>43.2%</b>

How frequently do you <b>OBSERVE FOR PARENTAL STRESS RESPONSES?</b>	N (of 81)	%
<b>Every day</b>	<b>60</b>	<b>74.1%</b>
A few times a week	11	13.6%
A few times a month	5	6.2%
A few times a year	4	4.9%
Never	1	1.2%

How frequently do you <b>ENGAGE IN DISCHARGE PLANNING?</b>	N (of 81)	%
<b>Every day</b>	<b>48</b>	<b>59.3%</b>
A few times a week	17	21%
A few times a month	8	9.9%
A few times a year	8	9.9%
Never	0	0%

How often do you <b>READ PROFESSIONAL JOURNALS?</b>	N (of 81)	%
Every day	3	3.7%
A few times a week	20	24.7%
<b>A few times a month</b>	<b>45</b>	<b>55.6%</b>
A few times a year	11	13.6%
Never	2	2.5%

How often do you <b>OBTAIN INFORMED CONSENT FROM PARENTS?</b>	N (of 81)	%
<b>Every day</b>	<b>36</b>	<b>44.4%</b>
A few times a week	20	24.7%
A few times a month	15	18.5%
A few times a year	5	6.2%
Never	5	6.2%

How frequently do you <b>TAKE AXILLARY TEMPERATURES?</b>	N (of 80)	%
<b>Every day</b>	<b>70</b>	<b>87.5%</b>
A few times a week	6	7.5%
A few times a month	0	0%
A few times a year	3	3.8%
Never	1	1.3%

How frequently do you <b>PERFORM BEHAVIORAL ASSESSMENT?</b>	N (of 80)	%
<b>Every day</b>	<b>38</b>	<b>47.5%</b>
A few times a week	15	18.8%
A few times a month	6	7.5%
A few times a year	9	11.3%
Never	12	15%

How frequently do you <b>MANAGE NEONATES UNDERGOING GENETIC SCREENING?</b>	N (of 80)	%
Every day	4	5%
A few times a week	6	7.5%
A few times a month	15	18.8%
<b>A few times a year</b>	<b>45</b>	<b>56.3%</b>
Never	10	12.5%

How frequently do you <b>MANAGE NEONATES UNDERGOING PHOTOTHERAPY?</b>	N (of 80)	%
Every day	6	7.5%
<b>A few times a week</b>	<b>35</b>	<b>43.8%</b>
A few times a month	28	35%
A few times a year	9	11.3%
Never	2	2.5%

How frequently do you <b>ADMINISTER EYE PROPHYLAXIS?</b>	N (of 80)	%
<b>Every day</b>	<b>39</b>	<b>48.8%</b>
A few times a week	21	26.3%
A few times a month	5	6.3%
A few times a year	7	8.8%
Never	8	10%

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT NEONATAL NUTRITIONAL REQUIREMENTS?</b>	N (of 80)	%
<b>Every day</b>	<b>52</b>	<b>65%</b>
A few times a week	21	26.3%
A few times a month	3	3.8%
A few times a year	4	5%
Never	0	0%

How frequently do you <b>MONITOR POSTPARTUM PATIENTS FOR NIPPLE SORENESS?</b>	N (of 80)	%
<b>Every day</b>	<b>43</b>	<b>53.8%</b>
A few times a week	14	17.5%
A few times a month	11	13.8%
A few times a year	5	6.3%
Never	7	8.8%

How frequently do you <b>ENGAGE IN PARENT TEACHING REGARDING NEONATAL CARE?</b>	N (of 80)	%
<b>Every day</b>	<b>60</b>	<b>75%</b>
A few times a week	17	21.3%
A few times a month	0	0%
A few times a year	3	3.7%
Never	0	0%

How frequently do you <b>OBTAIN INFORMED CONSENT FROM PARENTS?</b>	N (of 81)	%
<b>Every day</b>	<b>36</b>	<b>44.4%</b>
A few times a week	20	24.7%
A few times a month	15	18.5%
A few times a year	5	6.2%
Never	5	6.2%

### PRACTICE DEMOGRAPHICS

Is Certification required for your position?	N (of 257)	%
Yes	22	8.6%
<b>No</b>	<b>235</b>	<b>91.4%</b>

Does your employer recognize Certification?	N (of 257)	%
<b>Yes</b>	<b>204</b>	<b>79.4%</b>
No	53	20.6%

Have you ever participated in a <b>RESEARCH PROJECT?</b>	N (of 257)	%
Yes	116	45.1%
<b>No</b>	<b>141</b>	<b>54.9%</b>

### BIOGRAPHICAL DATA

Please provide the Biographical Data requested below:

Practice Setting	N (of 257)	%
<b>Hospital</b>	<b>253</b>	<b>98.4%</b>
Physician's Office	0	0%
Academic Setting	2	.8%
Follow Up Clinic	1	.4%
Other	1	.4%

Highest Level of Education	N (of 257)	%
PhD	1	.4%
Master's	44	17.1%
Baccalaureate	82	31.9%
<b>Associate</b>	<b>85</b>	<b>33.1%</b>
Diploma	45	17.5%

How long have you been a <b>Low Risk Neonatal Nurse?</b>	N (of 257)	%
1-5 years	18	7%
6-10 years	61	23.7%
11-15 years	59	23%
16-20 years	50	19.5%
<b>Over 20 years</b>	<b>69</b>	<b>26.8%</b>

<b>Location</b>	<b>N (of 257)</b>	<b>%</b>
Northeast	55	21.4%
<b>Southeast</b>	<b>69</b>	<b>26.8%</b>
Midwest	56	21.8%
Northwest	24	9.3%
Southwest	53	20.7%
Outside the U.S.	0	0%