



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

### **Maternal Newborn Nursing 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 Maternal Newborn 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 Maternal Newborn Nursing certification examination is to demonstrate the special knowledge of the Maternal Newborn 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 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
Patient Conditions	Conditions assessed and managed
Drug Management	Administration and Monitoring
Laboratory Tests and Diagnostic Studies Studies	Performance & Interpretation
Skills	Expected competencies

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

How frequently do you manage pregnant women with

Cardiac disease  
Diabetes  
Epilepsy  
Hepatitis  
Herpes  
HIV  
Hypertension  
Infections  
Renal disease  
Liver disease  
Substance abuse problems  
Preterm labor  
Sickle cell disease  
Tuberculosis  
Multiple gestation  
SLE  
IUGR  
Oligohydramnios  
Polyhydramnios  
Hypemesis gravidarum

Postpartum endometritis  
Vaginal infections  
Hypertension  
HELLP syndrome  
DIC  
Diabetes  
Anemia  
Rh sensitization

How frequently do you manage neonates with

Acyanotic heart disease  
Cyanotic heart disease  
Apnea  
Congestive heart failure  
Transient tachypnea of the newborn  
RDS  
Meconium aspiration  
Diaphragmatic hernia  
Intestinal obstruction  
Congenital hip dislocation  
Birth injuries  
Anemia  
Vitamin K deficiency  
Rh disease  
Polycythemia  
Thrombocytopenia  
Hyperbilirubinemia  
Breastmilk jaundice  
Seizures  
Jitteriness  
Intracranial hemorrhage  
Neural tube defects  
GU defects  
Sepsis  
Viral infections  
Bacterial infections  
STD infections  
Hypoglycemia  
Electrolyte imbalance  
Inborn Errors of Metabolism  
Chromosomal disorders  
Infants of diabetic mothers

How frequently do you manage postpartum women with

Urinary retention  
Bladder distention  
Hemorrhoids  
Afterpains  
Perineal edema  
Perineal pain  
Postpartum constipation  
Postpartum fatigue  
Postpartum sleep disturbances  
Postpartum blues  
Postpartum depression  
Breast engorgement  
Sore nipples  
Plugged ducts  
Breast infections  
Multiple birth  
Hematoma  
Thrombophlebitis  
Postpartum Hemorrhage

Transient skin conditions  
Hemangiomas  
Ecchymosis  
Auricular tags  
Petechiae  
Port wine stain  
Pigmentation change  
Infants exposed to alcohol in utero  
Infants exposed to nicotine in utero  
Infants exposed to cocaine in utero  
Infants exposed to heroin/methadone in utero

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
- Patient Conditions
- Laboratory Tests/Diagnostic Procedures
- Drug Management
- 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 is described in 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 is 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 MN nurses of records (2249) were notified either via email contact or post card notice to go to the NCC website to complete the survey. 266 RNCs responded to the survey.

Part 1	89
Part 2	87
Part 3	90

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	94%
Physician's office	1%
Academic setting	2%
Follow up clinic	---
Other	3%

#### Highest Level of Education

Doctorate	<1%
Master's	16%
BSN	42%
Associate degree	28%
Diploma	14%

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

Less than a year	--
1-5 years	9%
6-10 years	24%
11-15 years	23%
16-20 years	13%
Over 20 years	31%

Where do you reside?

Northeast	28%
Southeast	24%
Midwest	21%
Northwest	109%
Southwest	17%

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 Maternal Newborn 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 Maternal Newborn Nursing examination.
  - c. Identification of Essential Knowledge, Skills and Abilities

## Identification of Essential Knowledge, Skills and Abilities

The MN Content Team based on the document review identified competencies and practice skills of the Maternal Newborn Nurse. General discussion about the current competency statements and content included in the test outline was also initiated. 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, practice characteristics, nursing management, drug management laboratory/diagnostic tests and skills are addressed. All MN 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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## Maternal Newborn Nursing Survey Template

### Instructions to Survey Takers

We need your input to insure that the NCC Maternal Newborn Nursing (MN) examination is reflective of current MN 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 MN Content Team to make revisions to the content outline from which questions are derived for assessment of special knowledge on the NCC Maternal Newborn Nursing 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

### Patient Characteristics

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

- Antepartum patients
- Laboring patients
- Postpartum patients
- Normal newborns
- High Risk Neonates
- Home Care
- Direct maternal care
- Direct neonatal care
- Parent teaching
- Administrative tasks
- Tasks not listed

### Patient Conditions

How frequently do you manage pregnant women with

- Cardiac disease
- Diabetes
- Epilepsy
- Hepatitis
- Herpes
- HIV
- Hypertension
- Infections
- Renal disease
- Liver disease
- Substance abuse problems
- Preterm labor
- Sickle cell disease
- Tuberculosis
- Multiple gestation
- SLE
- IUGR
- Oligohydramnios
- Polyhydramnios
- Hypemesis gravidarum

How frequently do you manage postpartum women with

- Urinary retention
- Bladder distention
- Hemorrhoids
- Afterpains
- Perineal edema
- Perineal pain
- Postpartum constipation
- Postpartum fatigue

Postpartum sleep disturbances  
 Postpartum blues  
 Postpartum depression  
 Breast engorgement  
 Sore nipples  
 Plugged ducts  
 Breast infections  
 Multiple birth  
 Hematoma  
 Thrombophlebitis  
 Postpartum Hemorrhage  
 Postpartum endometritis  
 Vaginal infections  
 Hypertension  
 HELLP syndrome  
 DIC  
 Diabetes  
 Anemia  
 Rh sensitization

How frequently do you manage neonates with

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 Cyanotic heart disease  
 Apnea  
 Congestive heart failure  
 Transient tachypnea of the newborn  
 RDS  
 Meconium aspiration  
 Diaphragmatic hernia  
 Intestinal obstruction  
 Congenital hip dislocation  
 Birth injuries  
 Anemia  
 Vitamin K deficiency  
 Rh disease  
 Polycythemia  
 Thrombocytopenia  
 Hyperbilirubinemia  
 Breastmilk jaundice  
 Seizures  
 Jitteriness  
 Intracranial hemorrhage  
 Neural tube defects  
 GU defects  
 Sepsis  
 Viral infections  
 Bacterial infections  
 STD infections  
 Hypoglycemia  
 Electrolyte imbalance  
 Inborn Errors of Metabolism  
 Chromosomal disorders  
 Infants of diabetic mothers  
 Transient skin conditions  
 Hemangiomas  
 Ecchymosis  
 Auricular tags

Petechiae  
 Port wine stain  
 Pigmentation change  
 Infants exposed to alcohol in utero  
 Infants exposed to nicotine in utero  
 Infants exposed to cocaine in utero  
 Infants exposed to heroin/methadone in utero

## Laboratory Tests and Diagnostic Studies

Do you manage women requiring a

Complete blood count  
 White count  
 Urinalysis  
 Coagulation studies  
 Serum glucose  
 Rh typing  
 Coombs Testing  
 Kleihauer Betke  
 Apt test  
 Viral studies  
 Vaginal Cultures  
 Pap smear

Do you manage neonates requiring a

Complete blood count  
 White count with differential  
 Hematocrit  
 Hemoglobin  
 Platelet count  
 Serum glucose  
 Coombs testing  
 Bilirubin levels  
 Calcium levels  
 Electrolyte measurements  
 Urine culture  
 Stool culture  
 Newborn screening  
 T4 assay

## Drugs

Do you administer or care for women receiving

Antimicrobials  
 Antihypertensive drugs  
 Diuretics  
 Insulin  
 Anticonvulsants  
 Anticoagulants  
 Analgesia/narcotics  
 Sedatives/Hypnotics  
 Antacids/GI Motility Drugs

Do you administer or care for neonates receiving  
 Antimicrobials  
 Antihypertensive drugs  
 Diuretics  
 Anticonvulsants  
 Bronchodilators  
 Resuscitation drugs  
 Respiratory Stimulants  
 Anticoagulants  
 Antidysrhythmia drugs  
 Steroids  
 Surfactant replacement therapy  
 Vaccinations  
 Analgesia/narcotics  
 Sedatives/hypnotics  
 Anesthetics/paralytics  
 Vitamins  
 Antacids/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  
 Obtain maternal vital signs  
 Measure fundal height  
 Observe the perineum  
 Palpate the uterus  
 Observe lochia  
 Monitor maternal input and output  
 Perform a vaginal exam  
 Provide maternal wound care  
 Provide patient education on contraception  
 Provide patient education on postpartum exercise  
 Provide patient education on maternal nutrition  
 Provide patient education on sexual activity  
 Perform fundal massage  
 Administer maternal pain medication  
 Elicit the Homan sign  
 Mix maternal insulin preparations  
 Administer maternal insulin  
 Provide patient teaching about lactation physiology  
 Provide patient teaching about correct positioning/latch on  
 Provide patient teaching about maternal nutritional requirements  
 Provide patient about breast care  
 Provide patient about contraindications to breastfeeding

Provide patient teaching about nipple shields  
 Monitor patients for nipple soreness  
 Monitor patients for breast engorgement  
 Monitor patients for mastitis  
 Observe parent infant attachment  
 Observe for parental stress response  
 Counsel siblings  
 Administer oxygen to neonates  
 Take neonatal vital signs  
 Manage neonatal thermoregulation needs  
 Engage in neonatal resuscitation efforts  
 Perform Apgar scoring  
 Auscultate neonatal heart sounds  
 Auscultate neonatal lung sounds  
 Auscultate neonate bowel sounds  
 Perform gestational age assessment  
 Perform a general neonatal physical exam  
 Perform a neurological assessment exams  
 Perform neonatal behavioral exams  
 Provide cord care  
 Bathe infants  
 Provide post circumcision care  
 Feed infants  
 Assess capillary refill  
 Perform heel sticks  
 Perform Ortolani maneuver  
 Review neonatal genetic history  
 Obtain informed consent  
 Document care  
 Read research articles  
 Participate in research projects

## 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  
 Home care  
 Other

### Highest Level of Education

Ph.D.  
 Master's  
 Baccalaureate  
 Associate  
 Diploma

How long have been a Maternal Newborn Nurse

- 1-5 years
- 6-10 years
- 11-15 years
- 16-20 years
- Over 20 years

Location

- Northeast
- Southeast
- Midwest
- Northwest
- Southwest

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Employment Setting**  
(Number of Respondents = 266)

Is your institution a	N	%
Level 1	45	17.0
Level 2	105	39.5
Level 3	97	36.5
Other	19	7.2

Is your unit set up as	N	%
Traditional, separate from L&D & Postpartum LDR or LDRP	110	41.4
Single Room Maternity Care	20	7.6
Other	33	12.4

**Patient Characteristics**  
(Number of Respondents = 266)

In a given month, what percentage of your time is devoted to <b>ANTEPARTUM PATIENTS</b> ?	N	%
Less than 10%	134	50.4
10-25%	92	34.6
26-50%	30	11.3
51-75%	7	2.7
76-100%	3	1.2

In a given month, what percentage of your time is devoted to <b>LABORING PATIENTS</b> ?	N	%
Less than 10%	179	67.3
10-25%	18	6.8
26-50%	33	12.4
51-75%	27	10.2
76-100%	9	3.4

In a given month, what percentage of your time is devoted to <b>POSTPARTUM PATIENTS</b> ?	N	%
Less than 10%	37	13.9
10-25%	42	15.8
26-50%	50	18.8
51-75%	36	13.6
76-100%	101	38.0

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

In a given month, what percentage of your time is devoted to <b>NORMAL NEWBORNS?</b>	N	%
Less than 10%	22	8.3
10-25%	30	11.3
26-50%	52	19.6
51-75%	49	18.5
76-100%	113	42.5

In a given month, what percentage of your time is devoted to <b>HIGH RISK NEONATES?</b>	N	%
Less than 10%	188	70.7
10-25%	46	17.3
26-50%	16	6.1
51-75%	7	2.7
76-100%	9	3.4

In a given month, what percentage of your time is devoted to <b>FAMILY CENTERED CARE?</b>	N	%
Less than 10%	30	11.3
10-25%	23	8.7
26-50%	14	5.3
51-75%	24	9.1
76-100%	175	65.8

In a given month, what percentage of your time is devoted to <b>HOME CARE?</b>	N	%
Less than 10%	240	90.3
10-25%	14	5.3
26-50%	4	1.5
51-75%	0	0
76-100%	8	3.0

In a given month, what percentage of your time is devoted to <b>DIRECT BEDSIDE MATERNAL CARE?</b>	N	%
Less than 10%	47	17.7
10-25%	18	6.8
26-50%	32	12.1
51-75%	48	18.1
76-100%	121	79.7

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

In a given month, what percentage of your time is devoted to <b>DIRECT BEDSIDE NEONATAL CARE?</b>	N	%
Less than 10%	58	21.8
10-25%	23	8.7
26-50%	44	16.6
51-75%	40	15.1
76-100%	101	38.0

In a given month, what percentage of your time is devoted to <b>PARENT TEACHING?</b>	N	%
Less than 10%	17	6.4
10-25%	26	9.8
26-50%	56	21.1
51-75%	78	29.4
76-100%	89	33.5

In a given month, what percentage of your time is devoted to <b>DISCHARGE PLANNING?</b>	N	%
Less than 10%	45	17.0
10-25%	68	25.6
26-50%	40	15.1
51-75%	53	20.0
76-100%	60	22.6

In a given month, what percentage of your time is devoted to <b>ADMINISTRATIVE TASKS?</b>	N	%
Less than 10%	116	43.6
10-25%	86	32.4
26-50%	34	12.8
51-75%	16	6.1
76-100%	14	5.3

In a given month, what percentage of your time is devoted to <b>OTHER TASKS NOT LISTED ABOVE?</b>	N	%
Less than 10%	162	60.9
10-25%	67	25.2
26-50%	26	9.8
51-75%	6	2.3
76-100%	5	1.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Patient Conditions**

How frequently do you manage <b>WOMEN</b> with <b>CARDIAC DISEASE?</b>	N (of 89)	%
Everyday	0	0
A few times a week	4	4.5
A few times a month	10	11.2
A few times a year	65	73.0
Never	10	11.2

How frequently do you manage <b>WOMEN</b> with <b>DIABETES?</b>	N (of 87)	%
Everyday	3	3.4
A few times a week	22	25.3
A few times a month	37	42.5
A few times a year	19	21.8
Never	6	6.9

How frequently do you manage <b>WOMEN</b> with <b>EPILESPY?</b>	N (of 90)	%
Everyday	1	1.1
A few times a week	1	1.1
A few times a month	3	3.3
A few times a year	61	67.8
Never	24	26.7

How frequently do you manage <b>WOMEN</b> with <b>HEPATITIS?</b>	N (of 89)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	9	10.1
A few times a year	65	73.0
Never	14	15.7

How frequently do you manage <b>WOMEN</b> with <b>HERPES?</b>	N (of 87)	%
Everyday	1	1.1
A few times a week	9	10.3
A few times a month	27	31.0
A few times a year	44	50.6
Never	6	6.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>WOMEN</b> with <b>HIV</b> ?	N (of 90)	%
Everyday	1	1.1
A few times a week	1	1.1
A few times a month	7	7.8
A few times a year	50	55.6
Never	31	34.4

How frequently do you manage <b>WOMEN</b> with <b>HYPERTENSION</b> ?	N (of 89)	%
Everyday	14	15.7
A few times a week	38	42.7
A few times a month	30	33.7
A few times a year	5	5.6
Never	2	2.2

How frequently do you manage <b>WOMEN</b> with <b>INFECTIONS</b> ?	N (of 87)	%
Everyday	5	5.7
A few times a week	22	25.3
A few times a month	37	42.5
A few times a year	18	20.7
Never	5	5.7

How frequently do you manage <b>WOMEN</b> with <b>RENAL DISEASE</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	9	10.0
A few times a year	48	53.3
Never	32	35.6

How frequently do you manage <b>WOMEN</b> with <b>LIVER DISEASE</b> ?	N (of 89)	%
Everyday	0	0
A few times a week	2	2.2
A few times a month	10	11.2
A few times a year	52	58.4
Never	25	28.1

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>WOMEN</b> with <b>SUBSTANCE ABUSE?</b>	N (of 87)	%
Everyday	3	3.4
A few times a week	6	6.9
A few times a month	25	28.7
A few times a year	46	52.9
Never	7	8.0

How frequently do you manage <b>WOMEN</b> with <b>PRETERM LABOR?</b>	N (of 90)	%
Everyday	7	7.8
A few times a week	18	20.0
A few times a month	26	28.9
A few times a year	18	20.0
Never	21	23.3

How frequently do you manage <b>WOMEN</b> with <b>SICKLE CELL DISEASE?</b>	N (of 89)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	6	6.7
A few times a year	55	61.8
Never	27	30.3

How frequently do you manage <b>WOMEN</b> with <b>TUBERCULOSIS?</b>	N (of 87)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	1	1.1
A few times a year	18	20.7
Never	67	77.0

How frequently do you manage <b>WOMEN</b> with <b>MULTIPLE GESTATIONS?</b>	N (of 90)	%
Everyday	4	4.4
A few times a week	5	5.6
A few times a month	23	25.6
A few times a year	42	46.7
Never	16	17.8

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>WOMEN</b> with <b>SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)</b> ?	N (of 89)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	2	2.2
A few times a year	58	65.2
Never	28	31.5

How frequently do you manage <b>WOMEN</b> with <b>PREGNANCY COMPLICATED BY IUGR</b> ?	N (of 87)	%
Everyday	2	2.3
A few times a week	7	8.0
A few times a month	32	36.8
A few times a year	36	41.4
Never	10	11.5

How frequently do you manage <b>WOMEN</b> with <b>OLIGOHYDRAMNIOS</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	14	15.6
A few times a month	26	28.9
A few times a year	28	31.1
Never	22	24.4

How frequently do you manage <b>WOMEN</b> with <b>POLYHYDRAMNIOS</b> ?	N (of 89)	%
Everyday	1	1.1
A few times a week	2	2.2
A few times a month	31	34.8
A few times a year	44	49.4
Never	11	12.4

How frequently do you manage <b>WOMEN</b> with <b>HYPEREMESIS GRAVIDARUM</b> ?	N (of 87)	%
Everyday	1	1.1
A few times a week	5	5.7
A few times a month	20	23.0
A few times a year	37	42.5
Never	24	27.6

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>URINARY RETENTION</b> ?	N (of 89)	%
Everyday	4	4.5
A few times a week	10	11.2
A few times a month	32	36.0
A few times a year	32	36.0
Never	11	12.4

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>BLADDER DISTENTION</b> ?	N (of 87)	%
Everyday	3	3.4
A few times a week	14	16.1
A few times a month	34	39.1
A few times a year	28	32.2
Never	8	9.2

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>HEMORRHOIDS</b> ?	N (of 90)	%
Everyday	24	26.7
A few times a week	21	23.3
A few times a month	29	32.2
A few times a year	9	10.0
Never	7	7.8

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>AFTER PAINS</b> ?	N (of 89)	%
Everyday	62	69.7
A few times a week	14	15.7
A few times a month	5	5.6
A few times a year	5	5.6
Never	3	3.4

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>PERINEAL EDEMA</b> ?	N (of 87)	%
Everyday	23	26.4
A few times a week	25	28.7
A few times a month	18	20.7
A few times a year	15	17.2
Never	6	6.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>PERINEAL PAIN</b> ?	N (of 90)	%
Everyday	48	53.3
A few times a week	20	22.2
A few times a month	12	13.3
A few times a year	3	3.3
Never	7	7.8

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>CONSTIPATION</b> ?	N (of 89)	%
Everyday	15	16.9
A few times a week	24	27.0
A few times a month	23	25.8
A few times a year	21	23.6
Never	6	6.7

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>FATIGUE</b> ?	N (of 87)	%
Everyday	37	42.5
A few times a week	17	19.5
A few times a month	14	16.1
A few times a year	14	16.1
Never	5	5.7

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>SLEEP DISTURBANCES</b> ?	N (of 90)	%
Everyday	9	10.0
A few times a week	18	20.0
A few times a month	14	15.6
A few times a year	26	28.9
Never	23	25.6

How frequently do you manage <b>PATIENTS</b> with <b>POSTPARTUM BLUES</b> ?	N (of 89)	%
Everyday	3	3.4
A few times a week	22	24.7
A few times a month	34	38.2
A few times a year	23	25.8
Never	7	7.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>PATIENTS</b> with <b>POSTPATUM DEPRESSION?</b>	N (of 87)	%
Everyday	1	1.1
A few times a week	11	12.6
A few times a month	18	20.7
A few times a year	47	54.0
Never	10	11.5

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>BREAST ENGORGEMENT?</b>	N (of 90)	%
Everyday	11	12.2
A few times a week	26	28.9
A few times a month	26	28.9
A few times a year	19	21.1
Never	8	8.9

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>SORE NIPPLES?</b>	N (of 89)	%
Everyday	35	39.3
A few times a week	27	30.3
A few times a month	19	21.3
A few times a year	5	5.6
Never	3	3.4

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>PLUGGED DUCTS?</b>	N (of 87)	%
Everyday	0	0
A few times a week	3	3.4
A few times a month	13	14.9
A few times a year	51	58.6
Never	20	23.0

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>BREAST INFECTIONS?</b>	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	6	6.7
A few times a year	44	48.9
Never	39	43.3

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>POSTPARTUM PATIENTS</b> who had a <b>MULTIPLE BIRTH</b> ?	N (of 89)	%
Everyday	2	2.2
A few times a week	14	15.7
A few times a month	33	37.1
A few times a year	37	41.6
Never	3	3.4

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>HEMATOMA</b> ?	N (of 87)	%
Everyday	0	0
A few times a week	3	3.4
A few times a month	10	11.5
A few times a year	62	71.3
Never	12	13.8

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>THROMBOPHLEBITIS</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	0	0
A few times a month	3	3.3
A few times a year	68	75.6
Never	19	21.1

How frequently do you manage <b>POSTPARTUM PATIENTS</b> who experienced <b>HEMORRHAGE</b> ?	N (of 89)	%
Everyday	1	1.1
A few times a week	9	10.1
A few times a month	26	29.2
A few times a year	49	55.1
Never	4	4.5

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>ENDOMETRITIS</b> ?	N (of 87)	%
Everyday	0	0
A few times a week	2	2.3
A few times a month	9	10.3
A few times a year	60	69.0
Never	16	18.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>VAGINAL INFECTIONS</b> ?	N (of 90)	%
Everyday	1	1.1
A few times a week	4	4.4
A few times a month	12	13.3
A few times a year	46	51.1
Never	27	30.0

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>HYPERTENSION</b> ?	N (of 89)	%
Everyday	10	11.2
A few times a week	31	34.8
A few times a month	34	38.2
A few times a year	10	11.2
Never	4	4.5

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>HELLP SYNDROME</b> ?	N (of 87)	%
Everyday	0	0
A few times a week	2	2.3
A few times a month	18	20.7
A few times a year	52	59.8
Never	15	17.2

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>DIC</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	4	4.4
A few times a year	48	53.3
Never	37	41.1

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>DIABETES</b> ?	N (of 89)	%
Everyday	3	3.4
A few times a week	22	24.7
A few times a month	42	47.2
A few times a year	19	21.3
Never	3	3.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>ANEMIA</b> ?	N (of 87)	%
Everyday	4	4.6
A few times a week	19	21.8
A few times a month	35	40.2
A few times a year	23	26.4
Never	6	6.9

How frequently do you manage <b>POSTPARTUM PATIENTS</b> with <b>Rh SENSITIZATION</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	6	6.7
A few times a month	17	18.9
A few times a year	38	42.2
Never	29	32.2

How frequently do you manage <b>NEONATES</b> with <b>CYANOTIC HEART DISEASE</b> ?	N (of 89)	%
Everyday	0	0
A few times a week	2	2.2
A few times a month	3	3.4
A few times a year	32	36.0
Never	52	58.4

How frequently do you manage <b>NEONATES</b> with <b>ACYANOTIC HEART DISEASE</b> ?	N (of 87)	%
Everyday	1	1.1
A few times a week	2	2.3
A few times a month	2	2.3
A few times a year	37	42.5
Never	45	51.7

How frequently do you manage <b>NEONATES</b> with <b>APNEA</b> ?	N (of 90)	%
Everyday	3	3.3
A few times a week	2	2.2
A few times a month	21	23.3
A few times a year	37	41.1
Never	27	30.0

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>CONGESTIVE HEART FAILURE?</b>	N (of 89)	%
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	14	15.7
Never	74	83.1

How frequently do you manage <b>TRANSIENT TACHYPNEA OF THE NEWBORN?</b>	N (of 87)	%
Everyday	3	3.4
A few times a week	18	20.7
A few times a month	41	47.1
A few times a year	18	20.7
Never	7	8.0

How frequently do you manage <b>NEONATES</b> with <b>RDS?</b>	N (of 90)	%
Everyday	3	3.3
A few times a week	3	3.3
A few times a month	12	13.3
A few times a year	28	31.1
Never	44	48.9

How frequently do you manage <b>NEONATES</b> with <b>MECONIUM ASPIRATION?</b>	N (of 89)	%
Everyday	0	0
A few times a week	8	9.0
A few times a month	14	15.7
A few times a year	43	48.3
Never	24	27.0

How frequently do you manage <b>NEONATES</b> with <b>DIAPHRAGMATIC HERNIA?</b>	N (of 87)	%
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	26	29.9
Never	60	69.0

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>INTESTINAL OBSTRUCTION?</b>	N (of 90)	%
Everyday	0	0
A few times a week	0	0
A few times a month	2	2.2
A few times a year	26	28.9
Never	62	68.9

How frequently do you manage <b>NEONATES</b> with <b>CONGENITAL HIP DISLOCATION?</b>	N (of 89)	%
Everyday	0	0
A few times a week	0	0
A few times a month	7	7.9
A few times a year	60	67.4
Never	22	24.7

How frequently do you manage <b>NEONATES</b> with <b>BIRTH INJURIES?</b>	N (of 87)	%
Everyday	1	1.1
A few times a week	3	3.4
A few times a month	16	18.4
A few times a year	54	62.1
Never	13	14.9

How frequently do you manage <b>NEONATES</b> with <b>ANEMIA?</b>	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	6	6.7
A few times a year	31	34.4
Never	52	57.8

How frequently do you manage <b>NEONATES</b> with <b>VITAMIN K DEFICIENCY?</b>	N (of 89)	%
Everyday	2	2.2
A few times a week	0	0
A few times a month	0	0
A few times a year	8	9.0
Never	79	88.8

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>Rh DISEASE?</b>	N (of 87)	%
Everyday	0	0
A few times a week	9	10.3
A few times a month	8	9.2
A few times a year	33	37.9
Never	37	42.5

How frequently do you manage <b>NEONATES</b> with <b>POLYCYTHEMIA?</b>	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	6	6.7
A few times a year	44	48.9
Never	39	43.3

How frequently do you manage <b>NEONATES</b> with <b>THROMBOCYTOPENIA?</b>	N (of 89)	%
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	39	43.8
Never	49	55.1

How frequently do you manage <b>NEONATES</b> with <b>HYPERBILIRUBINEMIA?</b>	N (of 87)	%
Everyday	11	12.6
A few times a week	33	37.9
A few times a month	29	33.3
A few times a year	9	10.3
Never	5	5.7

How frequently do you manage <b>NEONATES</b> with <b>BREASTMILK JAUNDICE?</b>	N (of 90)	%
Everyday	4	4.4
A few times a week	13	14.4
A few times a month	29	32.2
A few times a year	34	37.8
Never	10	11.1

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>SEIZURES?</b>	N (of 89)	%
Everyday	0	0
A few times a week	0	0
A few times a month	2	2.2
A few times a year	38	42.7
Never	49	55.1

How frequently do you manage <b>NEONATES</b> with <b>JITTERINESS?</b>	N (of 87)	%
Everyday	10	11.5
A few times a week	29	33.3
A few times a month	30	34.5
A few times a year	15	17.2
Never	3	3.4

How frequently do you manage <b>NEONATES</b> with <b>INTRACRANIAL HEMORRHAGE?</b>	N (of 90)	%
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	18	20.0
Never	71	78.9

How frequently do you manage <b>NEONATES</b> with <b>NEURAL TUBE DEFECTS?</b>	N (of 89)	%
Everyday	0	0
A few times a week	0	0
A few times a month	2	2.2
A few times a year	18	20.2
Never	69	77.5

How frequently do you manage <b>NEONATES</b> with <b>GU DEFECTS?</b>	N (of 87)	%
Everyday	2	2.3
A few times a week	0	0
A few times a month	5	5.7
A few times a year	46	52.9
Never	34	39.1

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>SEPSIS</b> ?	N (of 90)	%
Everyday	2	2.2
A few times a week	5	5.6
A few times a month	17	18.9
A few times a year	38	42.2
Never	28	31.1

How frequently do you manage <b>NEONATES</b> with <b>VIRAL INFECTIONS</b> ?	N (of 89)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	10	11.2
A few times a year	40	44.9
Never	38	42.7

How frequently do you manage <b>NEONATES</b> with <b>BACTERIAL INFECTIONS</b> ?	N (of 87)	%
Everyday	3	3.4
A few times a week	5	5.7
A few times a month	33	37.9
A few times a year	29	33.3
Never	17	19.5

How frequently do you manage <b>NEONATES</b> with <b>STD INFECTIONS</b> ?	N (of 90)	%
Everyday	0	0
A few times a week	0	0
A few times a month	6	6.7
A few times a year	32	35.6
Never	52	57.8

How frequently do you manage <b>NEONATES</b> with <b>HYPOGLYCEMIA</b> ?	N (of 89)	%
Everyday	11	12.4
A few times a week	28	31.5
A few times a month	29	32.6
A few times a year	15	16.9
Never	6	6.7

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>ELECTROLYTE IMBALANCE?</b>	N (of 87)	%
Everyday	3	3.4
A few times a week	3	3.4
A few times a month	9	10.3
A few times a year	39	44.8
Never	33	37.9

How frequently do you manage <b>NEONATES</b> with <b>INBORN ERRORS OF METABOLISM?</b>	N (of 90)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	2	2.2
A few times a year	25	27.8
Never	62	68.9

How frequently do you manage <b>NEONATES</b> with <b>CHROMOSOMAL DISORDERS?</b>	N (of 89)	%
Everyday	0	0
A few times a week	1	1.1
A few times a month	7	7.9
A few times a year	60	67.4
Never	21	23.6

How frequently do you manage <b>INFANTS</b> of <b>DIABETIC MOTHERS?</b>	N (of 87)	%
Everyday	5	5.7
A few times a week	27	31.0
A few times a month	33	37.9
A few times a year	19	21.8
Never	3	3.4

How frequently do you manage <b>NEONATES</b> with <b>TRANSIENT SKIN VARIATIONS (i.e. ERYTHEMA TOXICUM, MILIA, ETC.)?</b>	N (of 90)	%
Everyday	28	31.1
A few times a week	29	32.2
A few times a month	11	12.2
A few times a year	12	13.3
Never	10	11.1

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>HEMANGIOMAS</b> ?	N (of 89)	%
Everyday	0	0
A few times a week	4	4.5
A few times a month	5	5.6
A few times a year	51	57.3
Never	29	32.6

How frequently do you manage <b>NEONATES</b> with <b>ECCHYMOSIS</b> ?	N (of 87)	%
Everyday	6	6.9
A few times a week	13	14.9
A few times a month	31	35.6
A few times a year	24	27.6
Never	13	14.9

How frequently do you manage <b>NEONATES</b> with <b>AURICULAR TAGS</b> ?	N (of 90)	%
Everyday	1	1.1
A few times a week	4	4.4
A few times a month	18	20.0
A few times a year	53	58.9
Never	14	15.6

How frequently do you manage <b>NEONATES</b> with <b>PETECHIAE</b> ?	N (of 89)	%
Everyday	7	7.9
A few times a week	8	9.0
A few times a month	25	28.1
A few times a year	41	46.1
Never	8	9.0

How frequently do you manage <b>NEONATES</b> with <b>PORT WINE STAIN</b> ?	N (of 87)	%
Everyday	0	0
A few times a week	0	0
A few times a month	5	5.7
A few times a year	63	72.4
Never	19	21.8

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you manage <b>NEONATES</b> with <b>PIGMENTATION CHANGE?</b>	N (of 90)	%
Everyday	3	3.3
A few times a week	12	13.3
A few times a month	12	13.3
A few times a year	32	35.6
Never	31	34.4

How frequently do you manage <b>INFANTS EXPOSED</b> to <b>ALCOHOL?</b>	N (of 89)	%
Everyday	2	2.2
A few times a week	7	7.9
A few times a month	4	4.5
A few times a year	62	69.7
Never	14	15.7

How frequently do you manage <b>INFANTS EXPOSED</b> to <b>NICOTINE?</b>	N (of 87)	%
Everyday	17	19.5
A few times a week	30	34.5
A few times a month	24	27.6
A few times a year	9	10.3
Never	7	8.0

How frequently do you manage <b>INFANTS EXPOSED</b> to <b>COCAINE?</b>	N (of 90)	%
Everyday	2	2.2
A few times a week	5	5.6
A few times a month	25	27.8
A few times a year	44	48.9
Never	14	15.6

How frequently do you manage <b>INFANTS EXPOSED</b> to <b>HEROIN/METHADONE?</b>	N (of 89)	%
Everyday	2	2.2
A few times a week	1	1.1
A few times a month	17	19.1
A few times a year	47	52.8
Never	22	24.7

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Laboratory Tests and Diagnostic Studies**  
(Number of Respondents = 266)

Do you manage <b>WOMEN</b> requiring a <b>COMPLETE BLOOD COUNT?</b>	N	%
Yes	244	91.8
No	22	8.3

Do you manage <b>WOMEN</b> requiring a <b>WHITE BLOOD COUNT?</b>	N	%
Yes	236	88.8
No	30	11.3

Do you manage <b>WOMEN</b> requiring a <b>URINALYSIS?</b>	N	%
Yes	241	90.6
No	25	9.4

Do you manage <b>WOMEN</b> requiring <b>COAGULATION STUDIES?</b>	N	%
Yes	229	86.1
No	37	13.9

Do you manage <b>WOMEN</b> requiring a <b>SERUM GLUCOSE LEVEL?</b>	N	%
Yes	238	89.5
No	28	10.6

Do you manage <b>WOMEN</b> requiring <b>Rh TYPING?</b>	N	%
Yes	245	92.1
No	21	7.9

Do you manage <b>WOMEN</b> requiring <b>COOMBS TESTING?</b>	N	%
Yes	188	70.7
No	78	29.4

Do you manage <b>WOMEN</b> requiring <b>KLEIHAUER BETKE TESTING?</b>	N	%
Yes	183	68.8
No	83	31.2

Do you manage <b>WOMEN</b> requiring an <b>APT TEST?</b>	N	%
Yes	120	45.2
No	146	54.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

Do you manage <b>WOMEN</b> requiring <b>VIRAL STUDIES</b> ?	N	%
Yes	177	66.6
No	89	35.5

Do you manage <b>WOMEN</b> requiring <b>BACTERIAL CULTURES</b> ?	N	%
Yes	238	89.5
No	28	10.6

Do you manage <b>WOMEN</b> requiring <b>VAGINAL CULTURES</b> ?	N	%
Yes	223	83.9
No	43	16.2

Do you manage <b>WOMEN</b> requiring a <b>PAP SMEAR</b> ?	N	%
Yes	88	33.1
No	178	67.0

Do you manage <b>NEONATES</b> requiring a <b>COMPLETE BLOOD COUNT</b> ?	N	%
Yes	241	90.6
No	25	9.4

Do you manage <b>NEONATES</b> requiring a <b>WHITE COUNT with DIFFERENTIAL</b> ?	N	%
Yes	237	89.1
No	29	10.9

Do you manage <b>NEONATES</b> requiring a <b>HEMATOCRIT</b> ?	N	%
Yes	239	89.9
No	27	10.2

Do you manage <b>NEONATES</b> requiring a <b>HEMOGLOBIN LEVEL</b> ?	N	%
Yes	234	88.0
No	32	12.1

Do you manage <b>NEONATES</b> requiring a <b>PLATELET COUNT</b> ?	N	%
Yes	220	82.7
No	46	17.3

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

Do you manage <b>NEONATES</b> requiring a <b>SERUM GLUCOSE LEVEL?</b>	N	%
Yes	244	91.8
No	22	8.3

Do you manage <b>NEONATES</b> requiring <b>COOMBS TESTING?</b>	N	%
Yes	244	91.8
No	22	8.3

Do you manage <b>NEONATES</b> requiring <b>BILIRUBIN LEVELS?</b>	N	%
Yes	244	91.8
No	22	8.3

Do you manage <b>NEONATES</b> requiring a <b>CALCIUM LEVEL?</b>	N	%
Yes	165	62.1
No	101	38.0

Do you manage <b>NEONATES</b> requiring <b>ELECTROLYTE MEASUREMENTS?</b>	N	%
Yes	161	60.6
No	105	39.5

Do you manage <b>NEONATES</b> requiring a <b>URINE CULTURE?</b>	N	%
Yes	171	64.3
No	95	35.8

Do you manage <b>NEONATES</b> requiring a <b>STOOL CULTURE?</b>	N	%
Yes	120	45.2
No	146	54.9

Do you manage <b>NEONATES</b> requiring <b>NEWBORN SCREENING (PKU, etc.?)</b>	N	%
Yes	247	92.9
No	19	7.2

Do you manage <b>NEONATES</b> requiring a <b>T<sub>4</sub> ASSAY?</b>	N	%
Yes	101	38.0
No	165	62.1

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Drug Administration**  
(Number of Respondents = 266)

Do you administer or care for <b>WOMEN</b> receiving <b>ANTIMICROBIALS?</b>	N	%
Yes	228	85.8
No	38	14.2

Do you administer or care for <b>WOMEN</b> receiving <b>ANTHYPERTENSIVES?</b>	N	%
Yes	239	89.9
No	27	10.1

Do you administer or care for <b>WOMEN</b> receiving <b>DIURETICS?</b>	N	%
Yes	185	69.6
No	81	30.4

Do you administer or care for <b>WOMEN</b> receiving <b>ANTICONVULSANTS?</b>	N	%
Yes	214	80.5
No	52	19.5

Do you administer or care for <b>WOMEN</b> receiving <b>ANTICOAGULANTS?</b>	N	%
Yes	219	82.4
No	47	17.6

Do you administer or care for <b>WOMEN</b> receiving <b>INSULIN?</b>	N	89.9%
Yes	239	10.1
No	27	

Do you administer or care for <b>WOMEN</b> receiving <b>ANALGESIA/NARCOTICS?</b>	N	%
Yes	246	92.5
No	19	7.5

Do you administer or care for <b>WOMEN</b> receiving <b>SEDATIVES/HYPNOTICS?</b>	N	%
Yes	225	84.6
No	41	15.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

Do you administer or care for <b>WOMEN</b> receiving <b>ANTACIDS/GI MOTILITY DRUGS?</b>	N	%
Yes	242	91.0
No	24	9.0

Do you administer or care for <b>NEONATES</b> receiving <b>ANTIMICROBIALS?</b>	N	%
Yes	169	63.6
No	97	36.4

Do you administer or care for <b>NEONATES</b> receiving <b>ANTIHYPERTENSIVE DRUGS?</b>	N/	%
Yes	27	10.1
No	239	89.9

Do you administer or care for <b>NEONATES</b> receiving <b>DIURETICS?</b>	N	%
Yes	41	15.4
No	225	84.6

Do you administer or care for <b>NEONATES</b> receiving <b>ANTICONVULSANTS?</b>	N	%
Yes	77	28.9
No	189	71.1

Do you administer or care for <b>NEONATES</b> receiving <b>BRONCHODILATORS?</b>	N	%
Yes	47	17.6
No	219	82.4

Do you administer or care for <b>NEONATES</b> receiving <b>RESUSCITATION DRUGS?</b>	N	%
Yes	122	45.8
No	144	54.2

Do you administer or care for <b>NEONATES</b> receiving <b>RESPIRATORY STIMULANTS?</b>	N	%
Yes	75	28.2
No	191	71.8

Do you administer or care for <b>NEONATES</b> receiving <b>ANTICOAGULANTS?</b>	N	%
Yes	26	9.7
No	240	90.3

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

Do you administer or care for <b>NEONATES</b> receiving <b>ANTIDYSRHYTHMIC DRUGS?</b>	N	%
Yes	25	9.4
No	241	90.6

Do you administer or care for <b>NEONATES</b> receiving <b>STEROIDS?</b>	N	%
Yes	44	16.5
No	222	83.5

Do you administer or care for <b>NEONATES</b> receiving <b>SURFACTANT REPLACEMENT THERAPY?</b>	N	%
Yes	50	18.8
No	216	81.2

Do you administer or care for <b>NEONATES</b> receiving <b>VACCINATIONS?</b>	N	%
Yes	229	86.1
No	37	13.9

Do you administer or care for <b>NEONATES</b> receiving <b>ANALGESIA/NARCOTICS?</b>	N	%
Yes	138	51.9
No	128	48.1

Do you administer or care for <b>NEONATES</b> receiving <b>SEDATIVES/HYPNOTICS?</b>	N	%
Yes	47	17.6
No	219	82.4

Do you administer or care for <b>NEONATES</b> receiving <b>ANESTHETICS/PARALYTICS?</b>	N	%
Yes	40	15.0
No	266	85.0

Do you administer or care for <b>NEONATES</b> receiving <b>VITAMINS?</b>	N	%
Yes	146	54.9
No	120	45.1

Do you administer or care for <b>NEONATES</b> receiving <b>ANTACIDS/GI MOTILITY DRUGS?</b>	N	%
Yes	67	25.1
No	199	74.9

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Maternal Newborn Nursing Skills**

How frequently do you <b>REVIEW MATERNAL HISTORY?</b>	N (of 87)	%
Everyday	69	79.3
A few times a week	13	14.9
A few times a month	1	1.1
A few times a year	4	4.6
Never	0	0

How frequently do you <b>INTERPRET THE SIGNIFICANCE OF ANTEPARTUM HISTORY?</b>	N (of 90)	%
Everyday	63	70.0
A few times a week	17	18.9
A few times a month	3	3.3
A few times a year	2	2.2
Never	5	5.6

How frequently do you <b>INTERPRET THE SIGNIFICANCE OF INTRAPARTUM HISTORY?</b>	N (of 89)	%
Everyday	72	80.9
A few times a week	9	10.1
A few times a month	5	5.6
A few times a year	1	1.1
Never	2	2.2

How frequently do you <b>INTERPRET THE SIGNIFICANCE OF FETAL ASSESSMENT TEST PROCEDURES (i.e., BIOPHYSICAL PROFILE)?</b>	N (of 87)	%
Everyday	29	33.3
A few times a week	24	27.6
A few times a month	7	8.0
A few times a year	5	5.7
Never	22	25.3

How frequently do you <b>OBTAIN MATERNAL VITAL SIGNS?</b>	N (of 90)	%
Everyday	73	81.1
A few times a week	7	7.8
A few times a month	2	2.2
A few times a year	2	2.2
Never	6	6.7

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>MEASURE FUNDAL HEIGHT?</b>	N (of 89)	%
Everyday	28	31.5
A few times a week	6	6.7
A few times a month	6	6.7
A few times a year	12	13.5
Never	37	41.6

How frequently do you <b>OBSERVE THE PERINEUM?</b>	N (of 87)	%
Everyday	62	71.3
A few times a week	12	13.8
A few times a month	3	3.4
A few times a year	3	3.4
Never	7	8.0

How frequently do you <b>PALPATE THE UTERUS?</b>	N (of 90)	%
Everyday	66	73.3
A few times a week	7	7.8
A few times a month	3	3.3
A few times a year	3	3.3
Never	11	12.2

How frequently do you <b>OBSERVE LOCHIA?</b>	N (of 89)	%
Everyday	67	75.3
A few times a week	9	10.1
A few times a month	3	3.4
A few times a year	6	6.7
Never	4	4.5

How frequently do you <b>MONITOR MATERNAL IN &amp; OUT (I&amp;O)?</b>	N (of 87)	%
Everyday	54	62.1
A few times a week	18	20.7
A few times a month	4	4.6
A few times a year	2	2.3
Never	9	10.3

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>PERFORM A MATERNAL VAGINAL EXAM?</b>	N (of 90)	%
Everyday	20	22.2
A few times a week	6	6.7
A few times a month	5	5.6
A few times a year	8	8.9
Never	51	56.7

How frequently do you <b>PROVIDE MATERNAL WOUND CARE?</b>	N (of 89)	%
Everyday	40	44.9
A few times a week	19	21.3
A few times a month	10	11.2
A few times a year	14	15.7
Never	6	6.7

How frequently do you <b>PROVIDE PATIENT EDUCATION ON CONTRACEPTION?</b>	N (of 87)	%
Everyday	23	26.4
A few times a week	20	23.0
A few times a month	20	23.0
A few times a year	9	10.3
Never	15	17.2

How frequently do you <b>PROVIDE PATIENT EDUCATION ON POSTPARTUM EXERCISE?</b>	N (of 90)	%
Everyday	32	35.6
A few times a week	27	30.0
A few times a month	9	10.0
A few times a year	4	4.4
Never	18	20.0

How frequently do you <b>PROVIDE PATIENT EDUCATION ON MATERNAL NUTRITION?</b>	N (of 89)	%
Everyday	54	60.7
A few times a week	21	23.6
A few times a month	7	7.9
A few times a year	4	4.5
Never	3	3.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>PROVIDE PATIENT EDUCATION ON SEXUAL ACTIVITY?</b>	N (of 87)	%
Everyday	33	37.9
A few times a week	21	24.1
A few times a month	12	13.8
A few times a year	9	10.3
Never	12	13.8

How frequently do you <b>PERFORM FUNDAL MASSAGE?</b>	N (of 90)	%
Everyday	57	63.3
A few times a week	13	14.4
A few times a month	6	6.7
A few times a year	4	4.4
Never	10	11.1

How frequently do you <b>ADMINISTER MATERNAL PAIN MEDICINE?</b>	N (of 89)	%
Everyday	68	76.4
A few times a week	5	5.6
A few times a month	5	5.6
A few times a year	6	6.7
Never	5	5.6

How frequently do you <b>ELICIT HOMAN SIGN?</b>	N (of 87)	%
Everyday	38	43.7
A few times a week	17	19.5
A few times a month	8	9.2
A few times a year	13	14.9
Never	11	12.6

How frequently do you <b>MIX MATERNAL INSULIN PREPARATIONS?</b>	N (of 90)	%
Everyday	0	0
A few times a week	9	10.0
A few times a month	25	27.8
A few times a year	38	42.2
Never	18	20.0

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>ADMINISTER MATERNAL INSULIN?</b>	N (of 89)	%
Everyday	1	1.1
A few times a week	16	18.0
A few times a month	36	40.4
A few times a year	27	30.3
Never	9	10.1

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT LACTATION PHYSIOLOGY?</b>	N (of 87)	%
Everyday	53	60.9
A few times a week	19	21.8
A few times a month	10	11.5
A few times a year	2	2.3
Never	3	3.4

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT CORRECT POSITIONING/LATCH ON?</b>	N (of 90)	%
Everyday	62	68.9
A few times a week	22	24.4
A few times a month	5	5.6
A few times a year	1	1.1
Never	0	0

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT MATERNAL NUTRITIONAL REQUIREMENTS?</b>	N (of 89)	%
Everyday	51	57.3
A few times a week	15	16.9
A few times a month	10	11.2
A few times a year	11	12.4
Never	2	2.2

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT BREAST CARE?</b>	N (of 87)	%
Everyday	58	66.7
A few times a week	16	18.4
A few times a month	8	9.2
A few times a year	2	2.3
Never	3	3.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT CONTRAINDICATIONS TO BREASTFEEDING?</b>	N (of 90)	%
Everyday	23	25.6
A few times a week	23	25.6
A few times a month	16	17.8
A few times a year	21	23.3
Never	7	7.8

How frequently do you <b>PROVIDE PATIENT TEACHING ABOUT NIPPLE SHIELDS/SHELLS?</b>	N (of 89)	%
Everyday	22	24.7
A few times a week	22	24.7
A few times a month	25	28.1
A few times a year	12	12.4
Never	9	2.2

How frequently do you <b>MONITOR PATIENTS FOR NIPPLE SORENESS?</b>	N (of 90)	%
Everyday	58	64.4
A few times a week	14	15.6
A few times a month	9	10.0
A few times a year	4	4.4
Never	5	5.6

How frequently do you <b>MONITOR PATIENTS FOR BREAST ENGORGEMENT?</b>	N (of 89)	%
Everyday	48	53.9
A few times a week	22	24.7
A few times a month	13	14.6
A few times a year	5	5.6
Never	1	1.1

How frequently do you <b>MONITOR PATIENTS FOR MASTITIS?</b>	N (of 87)	%
Everyday	45	51.7
A few times a week	9	10.3
A few times a month	13	14.9
A few times a year	11	12.6
Never	9	10.3

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

What percentage of your patients <b>BREASTFEED?</b>	N (of 90)	%
Less than 10%	0	0
10 - 25%	5	5.6
26 - 50%	20	22.2
51 - 75%	38	42.2
75 - 100%	27	30.0

How frequently do you <b>OBSERVE PARENT-INFANT ATTACHMENT?</b>	N (of 89)	%
Everyday	74	83.1
A few times a week	10	11.2
A few times a month	3	3.4
A few times a year	2	2.2
Never	0	0

How frequently do you <b>OBSERVE for PARENTAL STRESS RESPONSE?</b>	N (of 87)	%
Everyday	47	54.0
A few times a week	13	14.9
A few times a month	10	11.5
A few times a year	10	11.5
Never	7	8.0

How frequently do you <b>COUNSEL SIBLINGS?</b>	N (of 90)	%
Everyday	2	2.2
A few times a week	10	11.1
A few times a month	14	15.6
A few times a year	20	22.2
Never	44	48.9

How frequently do you <b>ADMINISTER OXYGEN TO NEONATES?</b>	N (of 87)	%
Everyday	8	9.2
A few times a week	28	32.2
A few times a month	28	32.2
A few times a year	17	19.5
Never	6	6.9

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**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>TAKE NEONATAL VITAL SIGNS?</b>	N (of 89)	%
Everyday	72	80.9
A few times a week	6	6.7
A few times a month	4	4.5
A few times a year	3	3.4
Never	4	4.5

How frequently do you <b>MANAGE NEONATAL THERMOREGULATION NEEDS?</b>	N (of 87)	%
Everyday	60	69.0
A few times a week	14	16.1
A few times a month	7	8.0
A few times a year	3	3.4
Never	3	3.4

How frequently do you <b>ENGAGE IN NEONATAL RESUSCITATION EFFORTS?</b>	N (of 90)	%
Everyday	2	2.2
A few times a week	4	4.4
A few times a month	12	13.3
A few times a year	44	48.9
Never	28	31.1

How frequently do you <b>PERFORM APGAR SCORING?</b>	N (of 89)	%
Everyday	19	21.3
A few times a week	16	18.0
A few times a month	8	9.0
A few times a year	11	12.4
Never	35	39.3

How frequently do you <b>PERFORM NEONATAL GENERAL PHYSICAL EXAM?</b>	N (of 87)	%
Everyday	67	77.0
A few times a week	11	12.6
A few times a month	5	5.7
A few times a year	1	1.1
Never	3	3.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>AUSCULTATE NEONATAL HEART SOUNDS?</b>	N (of 90)	%
Everyday	64	71.1
A few times a week	17	18.9
A few times a month	3	3.3
A few times a year	1	1.1
Never	5	5.6

How frequently do you <b>AUSCULTATE NEONATAL LUNG SOUNDS?</b>	N (of 89)	%
Everyday	68	76.4
A few times a week	7	7.9
A few times a month	7	7.9
A few times a year	3	3.4
Never	4	4.5

How frequently do you <b>AUSCULTATE NEONATAL BOWEL SOUNDS?</b>	N (of 87)	%
Everyday	62	71.3
A few times a week	14	16.1
A few times a month	5	5.7
A few times a year	1	1.1
Never	5	5.7

How frequently do you <b>PERFORM GESTATIONAL AGE ASSESSMENT?</b>	N (of 90)	%
Everyday	25	27.8
A few times a week	22	24.4
A few times a month	9	10.0
A few times a year	17	18.9
Never	17	18.9

How frequently do you <b>PERFORM NEONATAL NEUROLOGICAL ASSESSMENT EXAMS?</b>	N (of 89)	%
Everyday	45	50.6
A few times a week	18	20.2
A few times a month	7	7.9
A few times a year	7	7.9
Never	12	13.5

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>PERFORM NEONATAL BEHAVIORAL EXAMS?</b>	N (of 87)	%
Everyday	48	55.2
A few times a week	15	17.2
A few times a month	6	6.9
A few times a year	5	5.7
Never	13	14.9

How frequently do you <b>PROVIDE CORD CARE?</b>	N (of 90)	%
Everyday	58	64.4
A few times a week	17	18.9
A few times a month	5	5.6
A few times a year	0	0
Never	10	11.1

How frequently do you <b>BATHE INFANTS?</b>	N (of 89)	%
Everyday	44	49.4
A few times a week	20	22.5
A few times a month	9	10.1
A few times a year	9	10.1
Never	7	7.9

How frequently do you <b>PROVIDE NEONATAL POST CIRCUMCISION CARE?</b>	N (of 87)	%
Everyday	45	51.7
A few times a week	27	31.0
A few times a month	7	8.0
A few times a year	3	3.4
Never	5	5.7

How frequently do you <b>FEED INFANTS?</b>	N (of 90)	%
Everyday	52	57.8
A few times a week	19	21.1
A few times a month	8	8.9
A few times a year	7	7.8
Never	4	4.4

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>ASSESS NEONATAL CAPILLARY REFILL?</b>	N (of 89)	%
Everyday	53	59.6
A few times a week	10	11.2
A few times a month	8	9.0
A few times a year	9	10.1
Never	9	10.1

How frequently do you <b>PERFORM NEONATAL HEEL STICKS?</b>	N (of 87)	%
Everyday	48	55.2
A few times a week	24	27.6
A few times a month	6	6.9
A few times a year	3	3.4
Never	6	6.9

How frequently do you <b>PERFORM ORTOLANI MANEUVER?</b>	N (of 90)	%
Everyday	13	14.4
A few times a week	8	8.9
A few times a month	5	5.6
A few times a year	6	6.7
Never	58	64.4

How frequently do you <b>REVIEW NEONATAL GENETIC HISTORY?</b>	N (of 89)	%
Everyday	28	31.5
A few times a week	6	6.7
A few times a month	12	13.5
A few times a year	15	16.9
Never	28	31.5

How frequently do you <b>OBTAIN INFORMED CONSENT?</b>	N (of 87)	%
Everyday	42	48.3
A few times a week	26	29.9
A few times a month	8	9.2
A few times a year	3	3.4
Never	8	9.2

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

How frequently do you <b>DOCUMENT/CHART CARE?</b>	N (of 90)	%
Everyday	81	90.0
A few times a week	7	7.8
A few times a month	2	2.2
A few times a year	0	0
Never	0	0

How frequently do you <b>READ RESEARCH JOURNALS/ARTICALS?</b>	N (of 89)	%
Everyday	4	4.5
A few times a week	20	22.5
A few times a month	46	51.7
A few times a year	19	21.3
Never	0	0

How frequently do you <b>PARTICIPATE IN RESEARCH PROJECTS?</b>	N (of 87)	%
Everyday	0	0
A few times a week	6	6.9
A few times a month	7	8.0
A few times a year	35	40.2
Never	39	44.8

**2004 Maternal Newborn Content Validation/Task Analysis  
Survey Results**

**Practice Demographics**  
(Number of Respondents = 266)

Is certification required for your position?	N	%
Yes	26	9.8
No	240	90.3

Does your employer recognize certification?	N	%
Yes	216	81.2
No	50	18.8

**Biographical Data**

	Response	N	%
Practice Setting (N = 266)	Hospital	249	93.6
	Physician's Office	3	1.2
	Academic Setting	5	1.9
	Follow-up Clinic	0	0
	Homecare	0	0
	Other	9	3.4
Education (N = 266)	PhD	1	0.4
	Master's	43	16.2
	Baccalaureate	111	41.8
	Associate	75	28.2
	Diploma	36	13.6
Years as a MN (N = 266)	1-5 years	25	9.4
	6-10 years	64	24.1
	11-15 years	61	23.0
	16-20 years	34	12.8
	Over 20 years	82	30.9
Practice Location (N = 266)	Northeast	73	27.5
	Southeast	64	24.1
	Midwest	55	20.7
	Northwest	28	10.6
	Southwest	45	17.0
	Outside the US	1	0.4