



2004 NCC Task Analysis Content Validation Study

Women's Health Care Nurse Practitioner Examination

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 Women's Health Care Nurse Practitioner.

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

The focus of the NCC certification nurse practitioner examinations to demonstrate the entry level knowledge of the women's health nurse practitioner.

Phase I

- a. Logistic review: NCC content team members, a geographically diverse group representing both academic and clinical practice venues were charged with the task of development of the tasks as associated with existent test outlines.
- b. Development process and data collection
- c. Statistical compilation for the data

Phase II

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

- Description of Patient Characteristics
- Disposition of Patient
- The Nature of Patient Interventions
- Skills

The specific questions asked for each of the above areas are described in Task Analysis Map, [Attachment 2](#).

The content team will consider maintaining or altering the test outline for examination development based on survey outcomes at a web conference to be held in March 2004. Staff comparative analysis of survey results and current item bank content coverage is listed in [Attachment 3](#).

2. Development Process

The process used to identify essential knowledge, skills and abilities is described in [Attachment 1](#). A task analysis map was generated and is included in [Attachment 2](#).

3. Data Collection

With psychometric consultation, the tasks/skills identified by the content team were formulated into a survey instrument. Questions asked for each task are shown on the task analysis map. All participants were asked the questions relevant to Patient Characteristics, Disposition of Patient, Nature of Patient Intervention and skills employed. Because of the volume of the questions related to the disposition and the nature of interventions, these questions were divided into eight separate parts.

All NCC certified Women's Health Care Nurse Practitioners (10,707) were notified either via email contact or post card notice to go to the NCC website to complete the survey. 718

RNCs responded to the survey.

Part 1	101
Part 2	57
Part 3	93
Part 4	82
Part 5	112
Part 6	101
Part 7	79
Part 8	93

In addition biographical information was also solicited as follows:

- Education level
- Practice Setting
- Length of Current Practice
- Certification Status
- Geographic Location

4. Results

Summary of survey data are shown below:

a. Biographical Data

Education Level

Diploma Prepared	8%
Associate Degree	11%
BSN	22%
Master's	57%
Doctorate	2%

Practice Setting

Academic Setting	3%
Ambulatory Clinic	19%
HMO	2%
Hospital	1%
Independent Practice	2%
NP Professional Group	1%
Physician's Group	19%
Physician's Office	29%
Prenatal Clinic	1%
Public Health Clinic	15%
Other	8%

Years as an NP

1–5 years	29%
6–10 years	30%
11–15 years	15%
16–20 years	11%
Over 20 years	15%

Geographic Location

Northeast	16%
Southeast	23%
Midwest	23%
Southwest	18%
West	19%
Outside US	1%

Practice Demographics

Does your state require certification to practice as an WHNP?	Yes	85%
	No	15%

Do you have prescriptive authority?	Yes	85%
	No	15%

Is certification required for your position?	Yes	84%
	No	16%

How many WHNPs are in your practice	None	6%
	1–2	66%
	3–4	17%
	> 5	11%

How many women's health care nurses are in your practice?	None	53%
	1–2	26%
	3–4	12%
	>5	9%

How many nurse midwives are in your practice?	None	71%
	1-2	19%
	3-4	5%
	>5	5%
How many physicians are in your practice?	None	9%
	1-2	41%
	3-4	20%
	>5	30%
How many LPNs in your practice?	None	48%
	1-2	33%
	3-4	12%
	>5	7%
Is there a telephone advice nurse on staff?	Yes	47%
	No	53%

- b. Description of Patient Population
- c. Disposition of Patients
- d. The Nature of Patient Interventions
- e. Skills

The 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 nurse practitioners working in the women's health specialty.

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:

- a. Review of relevant practice standards and current literature

The following documents were reviewed:

Standards of Practice from

- * American Nurses' Association (ANA),
- * Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN),
- * National Association of Nurse Practitioners in Reproductive Health (NANPRH).

Educational Guidelines from

- * National Organization of Nurse Practitioner Faculties (NONPF),
 - * AWHONN Educational Guidelines for the Women's Health Care Nurse
- b. Review of current NCC competency statements and general and detailed test outlines for the Women's Health Care Nurse Practitioner examination.
 - c. Identification of Essential Knowledge, Skills and Abilities

The WHNP Content Team based on the document review identified competencies and practice skills of the women's health care nurse practitioner. General discussion on how current competency statements and content included in the test outline was also initiated. Based on this discussion the content prioritized the list of tasks/skills.

PHASE II

SURVEY TOOLS

A survey tool was developed based on the content teams' direction and psychometric consultation to insure that major areas to be explored, patient characteristics, disposition of patients, nature of patient interventions and skills were addressed. All certified WHNPs were involved to participate in the survey. The survey was placed on the NCC website in eight different parts..

Raw data was compiled using a percentage scoring system. This will assign a percentage value each question asked about each task. Actual percentage ratings were recorded.



2004 Women's Health Care Nurse Practitioner Content Validation/Task Analysis Study

We need your input to insure that the NCC Women's Health Care Nurse Practitioner examination is reflective of current WHNP practice. This survey relates to the type of patients you deal with, disposition of care and the nature and frequency of the conditions you manage. The data from this survey will assist the NCC Women's Health Care Nurse Practitioner Content Team to make revisions to the content outline from which questions are derived for assessment of entry level knowledge as a Women's Health Care Nurse Practitioner on the NCC certification examination. It should take 20 minutes to complete the survey.

Patient Characteristics

Please estimate the percentage of time you spent in a given month in managing patients in the following specialty areas?

- Primary Care
Obstetrics
Gynecology

In a given week, what is the estimated percentage of the age of the patient population you manage? This should equal 100%.

Table with 2 columns: Percentage, Patient Populations. Rows include Females under age 18, Females age 19-39, Females age 40-59, Females over age 60, and Adult Males.

On average, how many patients do you see in any given day?

- 1-10
11-20
21-30
Over 30

Do you give patient advice over the telephone? Yes No

If yes, how many times do you give patient advice over the telephone in a given week ?

- 1-5
6-10
11-15
Over 15

Disposition of Patients

In a given month considering all the patients you see, what is the estimated percentage of your time is spent in each of the following disposition categories?

This should equal 100%

Table with 2 columns: Percentage, Disposition. Rows include Wellness care including patient education and counseling, Prescribing medications, Diagnosing a new problem or monitoring an existing problem or condition, Referral to other health care providers, and Other (list).

Nature of Patient Interventions

For each condition, the following questions will be asked

In a given week, do you see with <see conditions> below. Yes No

If yes, how frequently do you see these patients in a given month?

- Every day
- 2-3 times a week
- Once a week
- Few times per month
- Once a month
- Every couple of months
- A few times per year

Conditions

Primary Care

- Abdominal pain
- Abnormal heart sounds
- Acne
- Allergies
- Asthma
- Back pain
- Constipation
- Contact dermatitis
- Depression
- Diabetes
- Diarrhea
- Eating disorders
- Headaches
- Hemorrhoids
- Hepatitis
- HIV/AIDS
- Hyperlipidemia
- Hyperthyroidism
- Hypoglycemia
- Hypothyroidism
- Hypertension
- Male Care – primary care issues
- Otitis
- Seizures disorders
- Sinusitis/pharyngitis
- Skin cancer
- Strains and sprains
- Tattoos/body piercings
- Thromboembolic disease
- Tinea

- Upper respiratory infection
- Urinary Tract Infection

Gynecology

- Abnormal Pap smear
- Adenomyosis
- Amenorrhea (Primary or Secondary)
- Breast cancer
- Cervical cancer
- Chronic pelvic pain
- Contraceptive Care
- Cysts
- Dysfunctional uterine bleeding
- Dysmenorrhea
- Ectopic pregnancy
- Emergency Contraception
- Endometriosis
- Fibroadenoma
- Fibrocystic changes
- Hormonal replacement therapy
- Hyperprolactinemia
- Induced/medical abortion
- Infertility (primary/secondary)
- Intraductal papilloma
- Leiomyomata uteri
- Male Care – STDs
- Male Care – Fertility Control
- Male Care - Infertility
- Menopausal symptoms
- Mullerian abnormalities
- Oligomenorrhea
- Ovarian cancer
- Pelvic inflammatory disease
- Pelvic relaxation
- Pituitary adenoma
- Polycystic ovarian syndrome
- Polyps
- Premenstrual syndrome
- Sexually transmitted diseases
- Testicular feminization
- Vaginitis
- Vulvar cancer
- Vulvar dystrophy dermatoses

Obstetrics

- Asymptomatic bacteriuria
- ABO hemolytic disease
- Alcohol consumption
- Asymptomatic bacteriuria
- Backache
- Breast discomfort
- Constipation
- Dyspnea
- Edema

- Epistaxis
- Fatigue
- Genetic disorders
- Heartburn
- HELLP syndrome
- Hemorrhoids
- Hydatidiform mole
- Infectious diseases
- Insomnia
- IUD in situ
- Multiple gestation
- Nausea and vomiting
- Oligohydramnios
- Placenta abruption
- Placenta previa
- Polyhydramnio
- Post term pregnancy
- Preterm labor
- Rh immunization
- Round ligament pain
- Rubella exposure
- Sexual transmitted diseases
- Sickle anemia anemia
- Smoking
- Spontaneous abortion
- Substance abuse
- Urinary frequency

- Endometrial biopsy
- Fecal stool testing
- Glucose screen
- Hematologic studies
- Hepatitis screening
- HIV screening
- Hysterosalpinogram
- Hysteroscopy
- Laparoscopy
- Lipid profile
- Liver function studies
- Mammography
- Ovulation testing
- Pap smear
- Postcoital testing
- Serum hormonal levels
- Sickle cell screening
- STD screening
- TB screening
- Thyroid studies
- Ultrasound
- Urinalysis
- Wet Mount
- White Cell Count

Laboratory Tests and Diagnostic Studies

Do you manage patients requiring which of the following laboratory/diagnostic studies

Yes No

If yes, your responsibilities include (check all that apply)

Order and interpret results to the patient of

the test/study

- Perform the test
- Management the result of the test
- Refer management

- Blood type and Rh
- Bone density testing
- Breast biopsy
- BUN and creatinine
- Cervical biopsy
- Colposcopy
- Complete blood count

Test applied to Pregnant Patients

- Alpha-fetoprotein levels
- Amniocentesis
- Antibody screening
- Biophysical profile
- Blood type and Rh
- Chorionic villus sampling
- Complete blood count
- Contraction stress testing
- Electronic fetal monitoring
- Fetal lung maturity testing
- Fetal Movement Counting
- GBS screening
- Glucose screening
- Hematologic screening
- Hepatitis screening
- HIV screening
- Non stress testing
- Pregnancy testing
- STD screening
- TB screening
- Triple screen
- Ultrasound
- Urinalysis

What drug categories do you prescribe?

- Analgesics
- Antibiotics
- Antidepressants
- Antifungals
- Antihistamines
- Antihypertensives
- Bone building sparing drugs
- Controlled substances
- Hormone therapy
- Hypoglycemic agents
- Lipid lowering drugs/statins
- NSAIDS
- Oral Contraceptive
- Ovulation induction agents
- Vitamins

Do you provide alternative therapies?

Yes No

If yes, which ones do you use?

- Herbs
- Nutraceuticals
- Homeopathy
- Acupuncture

Skills

Which of the following skills do you engage in?

Administer Medications
Assess Breastfeeding Complications
Assess for Signs of Puberty
Auscultate Fetal Heart Rate
Behavioral & Emotional Change Assessment
Calculate Drug Dosages
Counsel on Disease Prevention
Design Research Projects
Discuss alternative therapies
Document/Chart Care
Engage in Bioethical Decision-Making
Identify Incongruent Grieving
Incorporate Standards of Practice to Your Practice
Lifestyle/Family Alteration Counseling
Measure Fundal Height
Monitor Advanced Practice Legislation
Observe Parental Stress Response
Observe Parent-Infant Attachment
Observe Sibling Responses

Obtain Health History
Obtain Informed Consent
Obtain blood pressure
Participate in Research Projects
Perform Basal Body Temp Charting
Perform Bimanual Exams
Perform LEEP
Perform Leopold Maneuvers
Perform Male Reproductive Exam
Perform Pelvic Exams
Perform Physical Exam
Perform Preconceptional Counseling
Perform Prenatal Physical Exams
Perform Reproductive Exam
Postpartum Physiological Change & Complication Assessment
Provide Analgesia/Anesthesia Education
Provide Birth Setting Education
Provide Childbirth Education
Provide Contraceptive Counseling
Provide Education on Drug Therapy
Provide Education on Early Discharge
Provide Education on Episiotomy
Provide Education on Fetal Monitoring
Provide Education on IVs During Labor
Provide Education on Stages of Labor
Provide Grief Counseling
Provide Health Guidance
Provide Nutritional Counseling
Provide OB Intervention Education
Provide Postpartum Nutritional Counseling
Provide Prenatal Nutritional Counseling
Provide Sexual Counseling
Provide Type of Delivery Education
Read Research Journal Articles
Recognize Contraindications to Breastfeeding
Recognize Drug Side Effects, Etc.
Recognize Pathologic Grief
Refer Patients to a Support Group
Select Drug Therapy
Teach Bottle Feeding
Teach Breastfeeding Positions
Teach General Postpartum Care
Teach Physiology of Lactation

Does your state require certification to practice as NP in your state? Yes No

Do you have prescriptive authority
 Yes No

Is certification required for your position?
 Yes No

Describe your practice

How many Nurse Practitioners _____

How many RNs _____

How many nurse midwives _____

How many physicians _____

How many LPNs _____

Is there a telephone advice nurse on staff
Yes No

BIOGRAPHICAL DATA

Please provide the biographical data requested below.

Practice Setting

- Independent practice
 - Physician's office
 - Ambulatory Clinic
 - Academic Setting
 - Hospital based Clinic
 - Prenatal Clinic
 - Public Health Clinic
 - HMO Manager Care
 - Hospital
 - Independent Practice
 - Physician's Group
 - NP Groups
 - Other
-

Highest Level of Education

- Ph.D.
- Master's
- Baccalaureate
- Associate
- Diploma
- Other _____

How long have you been a WHNP?

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

Location

- Northeast
- Southeast
- Midwest
- Southwest
- West
- Outside the US

Patient Characteristics
(Number of Respondents = 718)

Percentage of time spent in a given month managing PRIMARY CARE needs of patients.	N	%
Less than 25%	422	58.8
26-50%	183	25.4
51-75%	53	7.4
>75%	60	8.4
Percentage of time spent in a given month managing OBSTETRIC needs of patients.	N	%
Less than 25%	379	52.8
26-50%	195	27.2
51-75%	93	13
>75%	51	7.0
Percentage of time spent in a given month managing GYNECOLOGIC needs of patients.	N	%
Less than 25%	50	7
26-50%	200	27.8
51-75%	200	27.8
>75%	268	37.4
In a given week, the percentage of the patient population who is FEMALE, UNDER THE AGE OF 18.	N	%
Less than 25%	440	61.3
26-50%	231	32.2
51-75%	35	4.9
>75%	12	1.6
In a given week, the percentage of the patient population who is FEMALE, BETWEEN THE AGE OF 19 AND 39.	N	%
Less than 25%	30	4.2
26-50%	365	50.8
51-75%	238	33.2
>75%	85	11.8
In a given week, the percentage of the patient population who is FEMALE, BETWEEN THE AGE OF 40 AND 59.	N	%
Less than 25%	339	47.2
26-50%	334	46.5
51-75%	39	5.4
>75%	6	0.9
In a given week, the percentage of the patient population who is FEMALE, OVER THE AGE OF 60.	N	%
Less than 25%	643	89.5
26-50%	64	9
51-75%	10	1.4
>75%	1	0.1

In a given week, the percentage of the patient population who are	N	%
ADULT MALE.		
Less than 25%	680	94.7
26-50%	29	4.1
51-75%	8	1.1
>75%	1	0.1
On average, the NUMBER OF PATIENTS SEEN per day.	N	%
1-10	89	12.3
11-20	451	62.9
21-30	163	22.7
Over 30	15	2.1
In a given week, how many times do you GIVE TELEPHONE	N	%
ADVICE.		
Never	19	2.7
1-5	198	27.5
6-10	176	24.5
11-15	113	15.8
Over 15	212	29.5

Disposition of Patients
(Number of Respondents = 718)

In a given month, the percentage of time spent on WELLNESS CARE	N	%
INCLUDING PATIENT EDUCATION AND COUNSELING.		
Less than 25%	42	5.8
26-50%	323	45
51-75%	235	32.7
>75%	118	16.5
In a given month, the percentage of time spent on PRESCRIBING	N	%
MEDICATIONS.		
Less than 25%	231	32.1
26-50%	296	41.2
51-75%	123	17.2
>75%	68	9.5
In a given month, the percentage of time spent on DIAGNOSING A	N	%
NEW PROBLEM OR MONITORING AN EXISTING PROBLEM OR		
CONDITION.		
Less than 25%	97	13.5
26-50%	345	48
51-75%	190	26.5
>75%	86	12
In a given month, the percentage of time spent on REFERRAL TO	N	%
OTHER HEALTH CARE PROVIDERS.		
Less than 25%	627	87.3
26-50%	83	11.6
51-75%	7	1
>75%	1	0.1

Nature of Patient Interventions - Primary Care

How frequently do you see patients with ABDOMINAL PAIN?	N	%
	(of 101)	
Everyday	24	23.8
A few times a week	41	40.6
A few times a month	30	29.7
A few times a year	6	5.9
Never	0	0
How frequently do you see patients with ABNORMAL HEART SOUNDS?	N	%
	(of 57)	
Everyday	1	1.8
A few times a week	4	7
A few times a month	6	10.5
A few times a year	42	73.7
Never	4	7
How frequently do you see patients with ACNE?	N	%
	(of 93)	
Everyday	7	7.5
A few times a week	19	20.4
A few times a month	33	35.5
A few times a year	22	23.7
Never	12	12.9
How frequently do you see patients with ALLERGIES?	N	%
	(of 82)	
Everyday	12	14.6
A few times a week	29	35.4
A few times a month	20	24.4
A few times a year	14	17.1
Never	7	8.5
How frequently do you see patients with ASTHMA?	N	%
	(of 112)	
Everyday	12	10.7
A few times a week	22	19.6
A few times a month	26	23.2
A few times a year	20	17.9
Never	32	28.6
How frequently do you see patients with BACK PAIN?	N	%
	(of 101)	
Everyday	4	4
A few times a week	23	22.8
A few times a month	29	28.7
A few times a year	35	34.7
Never	10	9.9

How frequently do you see patients with CONSTIPATION?	N	%
	(of 93)	
Everyday	6	6.5
A few times a week	29	31.2
A few times a month	41	44.1
A few times a year	11	11.8
Never	6	6.5
How frequently do you see patients with CONTACT DERMATITIS?	N	%
	(of 79)	
Everyday	1	1.3
A few times a week	12	15.2
A few times a month	27	34.2
A few times a year	37	46.8
Never	2	2.5
How frequently do you see patients with DEPRESSION?	N	%
	(of 101)	
Everyday	27	26.7
A few times a week	37	36.6
A few times a month	28	27.7
A few times a year	8	7.9
Never	1	1
How frequently do you see patients with DIABETES?	N	%
	(of 57)	
Everyday	6	10.5
A few times a week	7	12.3
A few times a month	17	29.8
A few times a year	23	40.4
Never	4	7
How frequently do you see patients with DIARRHEA?	N	%
	(of 93)	
Everyday	1	1.1
A few times a week	9	9.7
A few times a month	23	24.7
A few times a year	36	38.7
Never	24	25.8
How frequently do you see patients with EATING DISORDERS?	N	%
	(of 82)	
Everyday	2	2.4
A few times a week	6	7.3
A few times a month	12	14.6
A few times a year	50	61
Never	12	14.6

How frequently do you see patients with HEADACHES?	N	%
	(of 112)	
Everyday	28	25
A few times a week	29	25.9
A few times a month	38	33.9
A few times a year	9	8
Never	8	7.1
How frequently do you see patients with HEMORRHOIDS?	N	%
	(of 101)	
Everyday	2	2
A few times a week	23	22.8
A few times a month	34	33.7
A few times a year	40	39.6
Never	2	2
How frequently do you see patients with HEPATITIS?	N	%
	(of 93)	
Everyday	1	1.1
A few times a week	2	2.2
A few times a month	6	6.5
A few times a year	63	67.7
Never	21	22.6
How frequently do you see patients with HIV/AIDS?	N	%
	(of 79)	
Everyday	2	2.5
A few times a week	3	3.8
A few times a month	6	7.6
A few times a year	31	39.2
Never	37	46.8
How frequently do you see patients with HYPERLIPIDEMIA?	N	%
	(of 101)	
Everyday	12	11.9
A few times a week	21	20.8
A few times a month	27	26.7
A few times a year	27	26.7
Never	14	13.9
How frequently do you see patients with HYPERTHYROIDISM?	N	%
	(of 57)	
Everyday	0	0
A few times a week	5	8.8
A few times a month	8	14
A few times a year	32	56.1
Never	12	21.1

How frequently do you see patients with HYPOGLYCEMIA?	N	%
	(of 93)	
Everyday	0	0
A few times a week	5	5.4
A few times a month	15	16.1
A few times a year	46	49.5
Never	27	29
How frequently do you see patients with HYPOTHYROIDISM?	N	%
	(of 82)	
Everyday	1	1.2
A few times a week	16	19.5
A few times a month	30	36.6
A few times a year	30	36.6
Never	5	6.1
How frequently do you see patients with HYPERTENSION?	N	%
	(of 112)	
Everyday	19	17
A few times a week	43	38.4
A few times a month	19	17
A few times a year	17	15.2
Never	14	12.5
How frequently do you see MALE PATIENTS for PRIMARY CARE ISSUES?	N	%
	(of 101)	
Everyday	6	5.9
A few times a week	4	4
A few times a month	4	4
A few times a year	5	5
Never	82	81.2
How frequently do you see patients with OTITIS?	N	%
	(of 93)	
Everyday	1	1.1
A few times a week	9	9.7
A few times a month	18	19.4
A few times a year	40	43.0
Never	25	26.9
How frequently do you see patients with SEIZURE DISORDERS?	N	%
	(of 79)	
Everyday	0	0
A few times a week	4	5.1
A few times a month	10	12.7
A few times a year	53	67.1
Never	12	15.2

How frequently do you see patients with SINUSITIS/PHARYNGITIS?	N	%
	(of 101)	
Everyday	13	12.9
A few times a week	20	19.8
A few times a month	27	26.7
A few times a year	23	22.8
Never	18	17.8
How frequently do you see patients with SKIN CANCER?	N	%
	(of 57)	
Everyday	0	0
A few times a week	1	1.8
A few times a month	5	8.8
A few times a year	23	40.4
Never	28	49.1
How frequently do you see patients with BACK STRAINS & SPRAINS?	N	%
	(of 93)	
Everyday	5	5.4
A few times a week	6	6.5
A few times a month	15	16.1
A few times a year	31	33.3
Never	36	38.7
How frequently do you see patients with TATTOOS/BODY PIERCINGS?	N	%
	(of 82)	
Everyday	46	56.1
A few times a week	24	29.3
A few times a month	8	9.8
A few times a year	4	4.9
Never	0	0
How frequently do you see patients with THROMBOEMBOLIC DISEASE?	N	%
	(of 112)	
Everyday	0	0
A few times a week	3	2.7
A few times a month	13	11.6
A few times a year	65	58
Never	31	27.7
How frequently do you see patients with TINEA?	N	%
	(of 101)	
Everyday	2	2
A few times a week	13	12.9
A few times a month	26	25.7
A few times a year	33	32.7
Never	27	26.7

How frequently do you see patients with UPPER RESPIRATORY INFECTION?	N (of 93)	%
Everyday	6	6.5
A few times a week	18	19.4
A few times a month	29	31.2
A few times a year	24	25.8
Never	16	17.2

How frequently do you see patients with URINARY TRACT INFECTION?	N (of 79)	%
Everyday	13	16.5
A few times a week	44	55.7
A few times a month	16	20.3
A few times a year	5	6.3
Never	1	1.3

Nature of Patient Interventions - Gynecology

How frequently do you see patients with ABNORMAL PAP SMEAR?	N (of 101)	%
Everyday	22	21.8
A few times a week	45	44.6
A few times a month	28	27.7
A few times a year	5	5
Never	1	1
How frequently do you see patients with ADENOMYOSIS?	N (of 57)	%
Everyday	0	0
A few times a week	1	1.8
A few times a month	11	19.3
A few times a year	33	57.9
Never	12	21.1
How frequently do you see patients with AMENORRHEA?	N (of 93)	%
Everyday	14	15.1
A few times a week	29	31.2
A few times a month	41	44.1
A few times a year	9	9.7
Never	0	0
How frequently do you see patients with BREAST CANCER?	N (of 82)	%
Everyday	0	0
A few times a week	2	2.4
A few times a month	12	14.6
A few times a year	55	67.1
Never	13	15.9
How frequently do you see patients with CERVICAL CANCER?	N (of 112)	%
Everyday	0	0
A few times a week	0	0
A few times a month	20	17.9
A few times a year	71	63.4
Never	21	18.8
How frequently do you see patients with CHRONIC PELVIC PAIN?	N (of 101)	%
Everyday	6	5.9
A few times a week	23	22.8
A few times a month	42	41.6
A few times a year	28	27.7
Never	2	2

How frequently do you see patients with CONTRACEPTIVE CARE?	N (of 93)	%
Everyday	80	86.0
A few times a week	7	19.4
A few times a month	4	31.2
A few times a year	0	25.8
Never	2	17.2
How frequently do you see patients with CYSTS?	N (of 79)	%
Everyday	3	3.8
A few times a week	19	24.1
A few times a month	40	50.6
A few times a year	16	20.3
Never	1	1.3
How frequently do you see patients with DYSFUNCTIONAL UTERINE BLEEDING?	N (of 101)	%
Everyday	11	10.9
A few times a week	33	32.7
A few times a month	43	42.6
A few times a year	13	12.9
Never	1	1
How frequently do you see patients with DYSMENORRHEA?	N (of 57)	%
Everyday	12	21.1
A few times a week	20	35.1
A few times a month	23	40.4
A few times a year	1	1.8
Never	1	1.8
How frequently do you see patients with ECTOPIC PREGNANCY?	N (of 93)	%
Everyday	0	0
A few times a week	0	0
A few times a month	6	6.5
A few times a year	76	81.7
Never	11	11.8
How frequently do you see patients with EMERGENCY CONTRACEPTION/	N (of 82)	%
Everyday	4	4.9
A few times a week	13	15.9
A few times a month	25	30.5
A few times a year	34	41.5
Never	9	7.3

How frequently do you see patients with ENDOMETRIOSIS?	N	%
	(of 112)	
Everyday	2	1.8
A few times a week	8	7.1
A few times a month	49	43.8
A few times a year	49	43.8
Never	4	3.6
How frequently do you see patients with FIBROADENOMA?	N	%
	(of 101)	
Everyday	1	1
A few times a week	12	11.9
A few times a month	30	29.7
A few times a year	49	48.5
Never	9	8.9
How frequently do you see patients with FIBROCYSTIC CHANGES?	N	%
	(of 93)	
Everyday	36	38.7
A few times a week	32	34.4
A few times a month	18	19.4
A few times a year	5	5.4
Never	2	2.2
How frequently do you see patients with HORMONAL REPLACEMENT THERAPY?	N	%
	(of 79)	
Everyday	26	32.9
A few times a week	19	24.1
A few times a month	18	22.8
A few times a year	14	17.7
Never	2	2.5
How frequently do you see patients with HYPERPROLACTINEMIA?	N	%
	(of 101)	
Everyday	0	0
A few times a week	0	0
A few times a month	5	5
A few times a year	68	67.3
Never	28	27.7
How frequently do you see patients who experienced INDUCED/MEDICAL ABORTION?	N	%
	(of 57)	
Everyday	85	8.8
A few times a week	6	10.5
A few times a month	15	26.3
A few times a year	21	36.8
Never	10	17.5

How frequently do you see patients with INFERTILITY (PRIMARY/SECONDARY)?	N	%
	(of 93)	
Everyday	0	0
A few times a week	6	6.5
A few times a month	34	36.6
A few times a year	43	46.2
Never	10	10.8
How frequently do you see patients with INTRADUCTAL PAPILLOMA?	N	%
	(of 82)	
Everyday	0	0
A few times a week	0	0
A few times a month	2	2.4
A few times a year	30	36.6
Never	50	61
How frequently do you see patients with LEIOMYOMATA UTERI?	N	%
	(of 112)	
Everyday	7	6.3
A few times a week	25	22.3
A few times a month	46	41.1
A few times a year	24	21.4
Never	10	8.9
How frequently do you see MALE PATIENTS WITH STDs?	N	%
	(of 101)	
Everyday	2	2
A few times a week	9	8.9
A few times a month	12	11.9
A few times a year	17	16.8
Never	61	60.4
How frequently do you see MALE PATIENTS FOR FERTILITY CONTROL?	N	%
	(of 93)	
Everyday	0	0
A few times a week	5	5.4
A few times a month	6	6.5
A few times a year	15	16.1
Never	67	72.0
How frequently do you see MALE PATIENTS FOR INFERTILITY?	N	%
	(of 79)	
Everyday	0	0
A few times a week	2	2.5
A few times a month	7	8.9
A few times a year	5	6.3
Never	65	82.3

How frequently do you see patients with	N	%
MENOPAUSAL SYMPTOMS?	(of 101)	
Everyday	33	32.7
A few times a week	22	21.8
A few times a month	25	24.8
A few times a year	16	15.8
Never	5	5
MULLERIAN ABNORMALITIES?	(of 57)	
Everyday	0	0
A few times a week	0	0
A few times a month	0	0
A few times a year	35	61.4
Never	22	38.6
OLIGOMENORRHEA?	(of 93)	
Everyday	2	2.2
A few times a week	16	17.2
A few times a month	38	40.9
A few times a year	32	34.4
Never	5	5.4
OVARIAN CANCER?	(of 82)	
Everyday	0	0
A few times a week	0	0
A few times a month	0	0
A few times a year	32	39
Never	50	61
PELVIC INFLAMMATORY DISEASE?	(of 112)	
Everyday	1	0.9
A few times a week	7	6.3
A few times a month	35	31.3
A few times a year	64	57.1
Never	5	4.5
PELVIC RELAXATION?	(of 101)	
Everyday	11	10.9
A few times a week	19	18.8
A few times a month	34	33.7
A few times a year	28	27.7
Never	9	8.9

How frequently do you see patients with PITUITARY ADENOMA?	N	%
	(of 93)	
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	44	47.3
Never	48	51.6
How frequently do you see patients with POLYCYSTIC OVARIAN SYNDROME?	N	%
	(of 79)	
Everyday	5	6.3
A few times a week	19	24.1
A few times a month	25	31.6
A few times a year	27	34.2
Never	3	3.8
How frequently do you see patients with POLYPS?	N	%
	(of 101)	
Everyday	0	0
A few times a week	4	4
A few times a month	25	24.8
A few times a year	59	58.4
Never	13	12.9
How frequently do you see patients with PREMENSTRUAL SYNDROME?	N	%
	(of 57)	
Everyday	10	17.5
A few times a week	17	29.8
A few times a month	23	40.4
A few times a year	6	10.5
Never	1	1.8
How frequently do you see patients with SEXUALLY TRANSMITTED DISEASES?	N	%
	(of 93)	
Everyday	18	19.4
A few times a week	30	32.3
A few times a month	36	38.7
A few times a year	9	9.7
Never	0	0
How frequently do you see patients with TESTICULAR FEMINIZATION?	N	%
	(of 82)	
Everyday	0	0
A few times a week	0	0
A few times a month	0	0
A few times a year	7	8.5
Never	75	91.5

How frequently do you see patients with VAGINITIS?	N (of 112)	%
Everyday	72	64.3
A few times a week	27	24.1
A few times a month	10	8.9
A few times a year	1	0.9
Never	2	1.8
How frequently do you see patients with VULVAR CANCER?	N (of 101)	%
Everyday	0	0
A few times a week	1	1
A few times a month	2	2
A few times a year	45	44.6
Never	53	52.5
How frequently do you see patients with VULVAR DYSTROPHY DERMATOSES?	N (of 93)	%
Everyday	0	0
A few times a week	3	3.2
A few times a month	14	15.1
A few times a year	41	44.1
Never	35	37.6

Nature of Patient Interventions - Obstetrics

How frequently do you see patients with ABO HEMOLYTIC DISEASE?	N (of 101)	%
Everyday	0	0
A few times a week	1	1
A few times a month	2	2
A few times a year	17	16.8
Never	81	80.2
How frequently do you see patients who ABUSE ALCOHOL?	N (of 57)	%
Everyday	0	0
A few times a week	1	1.8
A few times a month	8	14
A few times a year	26	45.6
Never	22	38.6
How frequently do you see patients with ASYMPTOMATIC BACTERIURIA?	N (of 93)	%
Everyday	1	1.1
A few times a week	13	14
A few times a month	35	37.6
A few times a year	16	17.2
Never	28	30.1
How frequently do you see patients with BACKACHE?	N (of 82)	%
Everyday	22	26.8
A few times a week	19	23.2
A few times a month	15	18.3
A few times a year	5	6.1
Never	21	25.6
How frequently do you see patients with BREAST DISCOMFORT?	N (of 112)	%
Everyday	13	11.6
A few times a week	19	17
A few times a month	28	25
A few times a year	24	21.4
Never	28	25
How frequently do you see patients with CONSTIPATION?	N (of 101)	%
Everyday	10	9.9
A few times a week	17	16.8
A few times a month	32	31.7
A few times a year	14	13.9
Never	28	27.7

How frequently do you see patients with DYSPNEA?	N	%
	(of 93)	
Everyday	4	4.3
A few times a week	12	12.9
A few times a month	18	19.4
A few times a year	32	34.4
Never	27	29.0
How frequently do you see patients with EDEMA?	N	%
	(of 79)	
Everyday	16	20.3
A few times a week	17	21.5
A few times a month	12	15.2
A few times a year	8	10.1
Never	26	32.9
How frequently do you see patients with EPISTAXIS?	N	%
	(of 101)	
Everyday	1	1
A few times a week	1	1
A few times a month	9	8.9
A few times a year	33	32.7
Never	57	56.4
How frequently do you see patients with FATIGUE?	N	%
	(of 57)	
Everyday	12	21.1
A few times a week	10	17.5
A few times a month	13	22.8
A few times a year	8	14
Never	14	24.6
How frequently do you see patients with GENETIC DISORDERS?	N	%
	(of 93)	
Everyday	1	1.1
A few times a week	0	0
A few times a month	11	11.8
A few times a year	46	49.5
Never	35	37.6
How frequently do you see patients with HEARTBURN?	N	%
	(of 82)	
Everyday	27	32.9
A few times a week	16	19.5
A few times a month	14	17.1
A few times a year	5	6.1
Never	20	24.4

How frequently do you see patients with HELLP SYNDROME?	N	%
	(of 112)	
Everyday	0	0
A few times a week	0	0
A few times a month	5	4.5
A few times a year	47	42
Never	60	53.6
How frequently do you see patients with HEMORRHOIDS?	N	%
	(of 101)	
Everyday	6	5.9
A few times a week	16	15.8
A few times a month	30	29.7
A few times a year	23	22.8
Never	26	25.7
How frequently do you see patients with HYDATIDIFORM MOLE?	N	%
	(of 93)	
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	42	45.2
Never	50	53.8
How frequently do you see patients with INFECTIOUS DISEASES?	N	%
	(of 79)	
Everyday	2	2.5
A few times a week	8	10.1
A few times a month	30	38
A few times a year	20	25.3
Never	19	24.1
How frequently do you see patients with INSOMNIA?	N	%
	(of 101)	
Everyday	1	1
A few times a week	6	5.9
A few times a month	29	28.7
A few times a year	15	14.9
Never	50	49.5
How frequently do you see patients with IUD IN SITU?	N	%
	(of 57)	
Everyday	1	1.8
A few times a week	3	5.3
A few times a month	15	26.3
A few times a year	21	36.8
Never	17	29.8

How frequently do you see patients with MULTIPLE GESTATION?	N	%
	(of 93)	
Everyday	0	0
A few times a week	3	3.2
A few times a month	12	12.9
A few times a year	45	48.4
Never	33	35.5
How frequently do you see patients with NAUSEA & VOMITING?	N	%
	(of 82)	
Everyday	18	22
A few times a week	23	28
A few times a month	18	22
A few times a year	4	4.9
Never	19	23.2
How frequently do you see patients with OLIGOHYDRAMNIOS?	N	%
	(of 112)	
Everyday	0	0
A few times a week	2	1.8
A few times a month	8	7.1
A few times a year	59	52.7
Never	43	38.4
How frequently do you see patients with PLACENTA ABRUPTION?	N	%
	(of 101)	
Everyday	0	0
A few times a week	0	0
A few times a month	2	2
A few times a year	32	31.7
Never	67	66.3
How frequently do you see patients with PLACENTA PREVIA?	N	%
	(of 93)	
Everyday	0	0
A few times a week	0	0
A few times a month	18	19.4
A few times a year	39	41.9
Never	36	38.7
How frequently do you see patients with POLYHYDRAMNIOS?	N	%
	(of 79)	
Everyday	0	0
A few times a week	0	0
A few times a month	11	13.9
A few times a year	34	43
Never	34	43

How frequently do you see patients with POST TERM PREGNANCY?	N	%
	(of 101)	
Everyday	2	2
A few times a week	7	6.9
A few times a month	15	14.9
A few times a year	16	15.8
Never	61	60.4
How frequently do you see patients with PRETERM LABOR?	N	%
	(of 57)	
Everyday	2	3.5
A few times a week	10	17.5
A few times a month	12	21.1
A few times a year	14	24.6
Never	19	33.3
How frequently do you see patients with RH IMMUNIZATION?	N	%
	(of 93)	
Everyday	1	1.1
A few times a week	5	5.4
A few times a month	28	30.1
A few times a year	24	25.8
Never	35	37.6
How frequently do you see patients with ROUND LIGAMENT PAIN?	N	%
	(of 82)	
Everyday	17	20.7
A few times a week	26	31.7
A few times a month	16	19.5
A few times a year	3	3.7
Never	20	24.4
How frequently do you see patients with RUBELLA EXPOSURE?	N	%
	(of 112)	
Everyday	0	0
A few times a week	0	0
A few times a month	0	0
A few times a year	21	18.8
Never	91	81.3
How frequently do you see patients with SEXUALLY TRANSMITTED DISEASES?	N	%
	(of 101)	
Everyday	1	1
A few times a week	11	10.9
A few times a month	29	28.7
A few times a year	42	41.6
Never	18	17.8

How frequently do you see patients with SICKLE CELL ANEMIA?	N	%
	(of 93)	
Everyday	0	0
A few times a week	1	1.1
A few times a month	4	4.3
A few times a year	32	34.4
Never	56	60.2
How frequently do you see patients who SMOKE?	N	%
	(of 78)	
Everyday	9	11.4
A few times a week	17	21.5
A few times a month	14	17.7
A few times a year	24	30.4
Never	15	19
How frequently do you see patients with SPONTANEOUS ABORTION?	N	%
	(of 101)	
Everyday	3	3
A few times a week	8	7.9
A few times a month	26	25.7
A few times a year	46	45.5
Never	18	17.8
How frequently do you see patients who ABUSE ILLEGAL DRUGS?	N	%
	(of 57)	
Everyday	0	0
A few times a week	3	5.3
A few times a month	9	15.8
A few times a year	28	49.1
Never	17	29.8
How frequently do you see patients with URINARY FREQUENCY?	N	%
	(of 93)	
Everyday	13	14
A few times a week	24	25.8
A few times a month	24	25.8
A few times a year	11	11.8
Never	21	22.6

Laboratory Tests and Diagnostic Studies

Do you manage patients who require BLOOD TYPING & RH?	N (of 82)	%
Yes	60	73.2
No	22	26.8
Do you manage patients who require BONE DENSITY TESTING?	N (of 112)	%
Yes	83	74.1
No	29	25.9
Do you manage patients who require a BREAST BIOPSY?	N (of 101)	%
Yes	55	54.5
No	46	45.5
Do you manage patients who require testing for BUN & CREATININE?	N (of 93)	%
Yes	46	49.5
No	47	50.5
Do you manage patients who require a CERVICAL BIOPSY?	N (of 79)	%
Yes	51	64.6
No	28	35.4
Do you manage patients who require COLPOSCOPY?	N (of 101)	%
Yes	63	62.4
No	38	37.6
Do you manage patients who require a COMPLETE BLOOD COUNT?	N (of 57)	%
Yes	44	77.5
No	13	22.8
Do you manage patients who require an ENDOMETRIAL BIOPSY?	N (of 93)	%
Yes	68	73.1
No	25	26.9
Do you manage patients who require FECAL STOOL TESTING?	N (of 82)	%
Yes	64	78
No	18	22
Do you manage patients who require GLUCOSE SCREENING?	N (of 112)	%
Yes	100	89.3
No	12	10.7

Do you manage patients who require HEMATOLOGIC STUDIES?	N (of 101)	%
Yes	77	76.2
No	24	23.8
Do you manage patients who require HEPATITIS SCREENING?	N (of 93)	%
Yes	84	90.3
No	9	9.7
Do you manage patients who require HIV SCREENING?	N (of 79)	%
Yes	74	93.7
No	5	6.3
Do you manage patients who require a HYSTEROSALPINGOGRAM?	N (of 101)	%
Yes	20	19.8
No	81	80.2
Do you manage patients who require a HYSTEROSCOPY?	N (of 57)	%
Yes	21	36.8
No	36	63.2
Do you manage patients who require a LAPAROSCOPY?	N (of 93)	%
Yes	31	33.3
No	62	66.7
Do you manage patients who require a LIPID PROFILE?	N (of 82)	%
Yes	71	86.6
No	11	13.4
Do you manage patients who require LIVER FUNCTION STUDIES?	N (of 112)	%
Yes	84	75
No	28	25
Do you manage patients who require MAMMOGRAPHY?	N (of 101)	%
Yes	93	92.1
No	8	7.9
Do you manage patients who require OVULATION TESTING?	N (of 93)	%
Yes	52	55.9
No	41	44.1

Do you manage patients who require a PAP SMEAR?	N (of 79)	%
Yes	77	97.5
No	2	2.5
Do you manage patients who require POSTCOITAL TESTING?	N (of 101)	%
Yes	22	21.8
No	79	78.2
Do you manage patients who require SERUM HORMONAL LEVELS?	N (of 57)	%
Yes	46	80.7
No	11	19.3
Do you manage patients who require SICKLE CELL SCREENING?	N (of 93)	%
Yes	63	67.7
No	30	32.3
Do you manage patients who require STD SCREENING?	N (of 82)	%
Yes	82	100
No	0	0
Do you manage patients who require TB SCREENING?	N (of 112)	%
Yes	66	58.9
No	46	41.1
Do you manage patients who require THYROID STUDIES?	N (of 101)	%
Yes	85	84.2
No	16	15.8
Do you manage patients who require an ULTRASOUND?	N (of 93)	%
Yes	82	88.2
No	11	11.8
Do you manage patients who require a URINALYSIS?	N (of 79)	%
Yes	76	96.2
No	3	3.8
Do you manage patients who require a WET MOUNT?	N (of 101)	%
Yes	99	98
No	2	2

Do you manage patients who require a WHITE CELL COUNT?	N (of 57)	%
Yes	37	64.9
No	20	35.1
Do you manage patients who require ALPHAFETOPROTEIN LEVELS?	N (of 93)	%
Yes	64	68.8
No	29	31.2
Do you manage patients who require AMNIOCENTESIS?	N (of 82)	%
Yes	34	41.5
No	48	58.5
Do you manage PREGNANT patients who require ANTIBODY SCREENING?	N (of 112)	%
Yes	72	64.3
No	40	35.7
Do you manage patients who require a BIOPHYSICAL PROFILE?	N (of 101)	%
Yes	53	52.5
No	48	47.5
Do you manage PREGNANT patients who require BLOOD TYPING & RH?	N (of 93)	%
Yes	71	76.3
No	22	23.7
Do you manage PREGNANT patients who require CHORIONIC VILLUS SAMPLING?	N (of 79)	%
Yes	11	13.9
No	68	86.1
Do you manage PREGNANT patients who require a COMPLETE BLOOD COUNT?	N (of 101)	%
Yes	53	52.5
No	48	47.5
Do you manage patients who require CONTRACTION STRESS TESTING?	N (of 57)	%
Yes	13	22.8
No	44	77.2
Do you manage patients who require FETAL LUNG MATURITY TESTING?	N (of 82)	%
Yes	13	15.9
No	69	84.1

Do you manage patients who require FETAL MOVEMENT COUNTING?	N (of 112)	%
Yes	77	68.8
No	35	31.3
Do you manage PREGNANT patients who require GBS SCREENING?	N (of 101)	%
Yes	62	61.4
No	39	38.6
Do you manage PREGNANT patients who require GLUCOSE SCREENING?	N (of 93)	%
Yes	66	71.0
No	27	29.0
Do you manage PREGNANT patients who require HEMATOLOGIC SCREENING?	N (of 79)	%
Yes	51	64.6
No	28	35.4
Do you manage PREGNANT patients who require HEPATITIS SCREENING?	N (of 101)	%
Yes	55	54.5
No	46	45.5
Do you manage PREGNANT patients who require HIV SCREENING?	N (of 57)	%
Yes	35	61.4
No	22	38.6
Do you manage patients who require NON STRESS TESTING?	N (of 93)	%
Yes	54	58.1
No	39	41.9
Do you manage patients who require PREGNANCY TESTING?	N (of 82)	%
Yes	78	95.1
No	4	4.9
Do you manage PREGNANT patients who require STD SCREENING?	N (of 112)	%
Yes	83	74.1
No	29	25.9
Do you manage PREGNANT patients who require TB SCREENING?	N (of 101)	%
Yes	52	51.5
No	49	48.5

Do you manage PREGNANT patients who require a TRIPLE SCREEN?	N (of 93)	%
Yes	63	67.7
No	30	32.2
Do you manage PREGNANT patients who require an ULTRASOUND?	N (of 79)	%
Yes	51	64.6
No	28	35.4
Do you manage PREGNANT patients who require URINALYSIS?	N (of 101)	%
Yes	62	61.4
No	39	38.6

Prescribing Practices
(Number of Respondents = 718)

Drug Category	Response	N	%
Analgesics	Yes	623	86.8
	No	95	13.2
Antibiotics	Yes	704	98.1
	No	14	1.9
Antidepressants	Yes	479	66.8
	No	239	33.2
Antifungals	Yes	697	97.1
	No	21	2.9
Antihistamines	Yes	532	74.1
	No	186	25.9
Antihypertensives	Yes	242	33.7
	No	476	66.3
Bone Building/Sparing	Yes	487	67.9
	No	231	32.1
Controlled Substances	Yes	283	39.5
	No	435	60.5
Hormone Therapy	Yes	634	88.3
	No	84	11.7
Hypoglycemic Agents	Yes	192	26.8
	No	526	73.2
Lipid Lowering /Statins	Yes	151	21.1
	No	567	78.9
NSAIDS	Yes	674	93.9
	No	44	6.1
Oral Contraceptives	Yes	701	97.6
	No	17	2.4
Ovulation Induction Agents	Yes	283	39.5
	No	435	60.5
Vitamins	Yes	665	92.7
	No	53	7.3

Alternative Therapies
(Number of Respondents = 718)

Therapy	Response	N	%
Herbals	Everyday	65	9.1
	A few times a week	212	29.6
	A few times a month	237	33
	A few times a year	137	19.1
	Never	67	9.2
Nutrapharmaceuticals	Everyday	51	7
	A few times a week	117	15.1
	A few times a month	148	20.6
	A few times a year	144	20
	Never	268	37.3
Homeopathy	Everyday	16	2.2
	A few times a week	45	6.2
	A few times a month	146	20.4
	A few times a year	231	32.2
	Never	280	39
Acupuncture	Everyday	1	0.2
	A few times a week	12	1.7
	A few times a month	56	7.7
	A few times a year	257	35.8
	Never	392	54.6

Nurse Practitioner Skills

How often do you ASSESS BREASTFEEDING COMPLICATIONS?	N	%
	(of 93)	
Everyday	2	2.2
A few times a week	8	8.6
A few times a month	32	34.4
A few times a year	28	30.1
Never	23	24.7
How often do you ASSESS FOR SIGNS OF PUBERTY?	N	%
	(of 82)	
Everyday	17	20.7
A few times a week	10	12.2
A few times a month	21	25.6
A few times a year	23	28
Never	11	13.4
How often do you AUSCULTATE FETAL HEART RATE?	N	%
	(of 112)	
Everyday	57	50.9
A few times a week	12	10.7
A few times a month	7	6.3
A few times a year	5	4.5
Never	31	27.7
How often do you PERFORM BEHAVIORAL & EMOTIONAL CHANGE ASSESSMENTS?	N	%
	(of 101)	
Everyday	29	28.7
A few times a week	20	19.8
A few times a month	22	21.8
A few times a year	17	16.8
Never	13	12.9
How often do you CALCULATE DRUG DOSAGES?	N	%
	(of 93)	
Everyday	15	16.1
A few times a week	6	6.5
A few times a month	15	16.1
A few times a year	30	32.3
Never	27	29.0
How often do you COUNSEL ON DISEASE PREVENTION?	N	%
	(of 79)	
Everyday	69	87.3
A few times a week	5	6.3
A few times a month	4	5.1
A few times a year	0	0
Never	1	1.3

How often do you DESIGN RESEARCH PROJECTS?	N	%
	(of 101)	
Everyday	0	0
A few times a week	0	0
A few times a month	0	0
A few times a year	13	12.9
Never	88	87.1
How often do you DISCUSS ALTERNATIVE THERAPIES?	N	%
	(of 57)	
Everyday	5	8.8
A few times a week	16	28.1
A few times a month	17	29.8
A few times a year	17	29.8
Never	2	3.5
How often do you DOCUMENT/CHART CARE?	N	%
	(of 93)	
Everyday	89	95.7
A few times a week	2	2.2
A few times a month	2	2.2
A few times a year	0	0
Never	0	0
How often do you ENGAGE IN BIOETHICAL DECISION-MAKING?	N	%
	(of 82)	
Everyday	11	13.4
A few times a week	12	14.6
A few times a month	14	17.1
A few times a year	26	31.7
Never	19	23.2
How often do you IDENTIFY INCONGRUENT GRIEVING?	N	%
	(of 112)	
Everyday	2	1.8
A few times a week	3	2.7
A few times a month	22	19.6
A few times a year	52	46.4
Never	33	29.5
How often do you INCORPORATE STANDARDS OF PRACTICE TO YOUR PRACTICE?	N	%
	(of 101)	
Everyday	91	90.1
A few times a week	4	4
A few times a month	5	5
A few times a year	0	1
Never	1	1

How often do you PERFORM COUNSELING FOR LIFESTYLE/FAMILY ALTERATIONS?	N (of 93)	%
Everyday	47	50.5
A few times a week	25	26.9
A few times a month	15	16.1
A few times a year	4	4.3
Never	2	2.2
How often do you MEASURE FUNDAL HEIGHT?	N (of 79)	%
Everyday	38	48.1
A few times a week	8	10.1
A few times a month	6	7.6
A few times a year	11	13.9
Never	16	20.3
How often do you MONITOR ADVANCED PRACTICE LEGISLATION?	N (of 101)	%
Everyday	1	1
A few times a week	7	6.9
A few times a month	21	20.8
A few times a year	56	55.4
Never	16	15.8
How often do you OBSERVE PARENTAL STRESS/COPING SKILLS?	N (of 57)	%
Everyday	5	8.8
A few times a week	15	26.3
A few times a month	19	33.3
A few times a year	14	24.6
Never	4	7
How often do you DISCUSS NORMAL PARENT-INFANT ATTACHMENT WITH PARENTS?	N (of 93)	%
Everyday	6	6.5
A few times a week	20	21.5
A few times a month	20	21.5
A few times a year	17	18.3
Never	30	32.3
How often do you DISCUSS SIBLING RESPONSES TO A NEW BABY IN THE FAMILY?	N (of 82)	%
Everyday	3	3.7
A few times a week	16	19.5
A few times a month	24	29.3
A few times a year	21	25.6
Never	18	22

How often do you OBTAIN HEALTH HISTORY?	N (of 112)	%
Everyday	105	93.8
A few times a week	4	3.6
A few times a month	0	0
A few times a year	2	1.8
Never	1	0.9
How often do you OBTAIN INFORMED CONSENT?	N (of 101)	%
Everyday	49	48.5
A few times a week	30	29.7
A few times a month	16	15.8
A few times a year	3	3
Never	3	3
How often do you OBTAIN A BLOOD PRESSURE?	N (of 93)	%
Everyday	68	73.1
A few times a week	12	12.9
A few times a month	8	8.6
A few times a year	3	3.2
Never	2	2.2
How often do you PARTICIPATE IN RESEARCH PROJECTS?	N (of 79)	%
Everyday	6	7.6
A few times a week	2	2.5
A few times a month	4	5.1
A few times a year	33	41.8
Never	34	43
How often do you PERFORM BASAL BODY TEMPERATURE CHARTING?	N (of 101)	%
Everyday	0	0
A few times a week	4	4
A few times a month	12	11.9
A few times a year	48	47.5
Never	37	36.6
How often do you PERFORM BIMANUAL EXAMS?	N (of 57)	%
Everyday	53	93
A few times a week	2	3.8
A few times a month	1	1.8
A few times a year	0	0
Never	1	1.8

How often do you PERFORM LEEP?	N	%
	(of 93)	
Everyday	0	0
A few times a week	0	0
A few times a month	1	1.1
A few times a year	0	0
Never	92	98.9
How often do you PERFORM LEOPOLD MANEUVERS?	N	%
	(of 82)	
Everyday	31	37.8
A few times a week	15	18.3
A few times a month	5	6.1
A few times a year	7	8.5
Never	24	29.3
How often do you PERFORM A MALE REPRODUCTIVE EXAM?	N	%
	(of 112)	
Everyday	3	2.7
A few times a week	3	2.7
A few times a month	13	11.6
A few times a year	10	8.9
Never	83	74.1
How often do you PERFORM A PELVIC EXAM?	N	%
	(of 57)	
Everyday	53	93
A few times a week	2	3.5
A few times a month	1	1.8
A few times a year	0	0
Never	1	1.8
How often do you PERFORM A PHYSICAL EXAM?	N	%
	(of 93)	
Everyday	85	91.4
A few times a week	4	4.3
A few times a month	2	2.2
A few times a year	0	0
Never	2	2.2
How often do you PERFORM PRECONCEPTIONAL COUNSELING?	N	%
	(of 79)	
Everyday	15	19
A few times a week	29	36.7
A few times a month	24	30.4
A few times a year	10	12.7
Never	1	1.3

How often do you PERFORM PRENATAL PHYSICAL EXAMS?	N	%
	(of 101)	
Everyday	20	19.8
A few times a week	9	8.9
A few times a month	16	15.8
A few times a year	13	12.9
Never	43	42.6
How often do you PERFORM A POSTPARTUM PHYSIOLOGICAL CHANGE & COMPLICATION ASSESSMENT?	N	%
	(of 93)	
Everyday	6	6.5
A few times a week	16	17.2
A few times a month	28	30.1
A few times a year	21	22.6
Never	22	23.7
How often do you PROVIDE LABOR ANALGESIA/ANESTHESIA EDUCATION?	N	%
	(of 82)	
Everyday	17	20.7
A few times a week	17	20.7
A few times a month	11	13.4
A few times a year	10	12.2
Never	27	32.9
How often do you PROVIDE BIRTH SETTING EDUCATION?	N	%
	(of 112)	
Everyday	19	17
A few times a week	20	17.9
A few times a month	15	13.4
A few times a year	13	11.6
Never	45	40.2
How often do you PROVIDE CHILDBIRTH EDUCATION?	N	%
	(of 101)	
Everyday	20	19.8
A few times a week	16	15.8
A few times a month	11	10.9
A few times a year	16	15.8
Never	38	37.6
How often do you PROVIDE CONTRACEPTIVE COUNSELING?	N	%
	(of 93)	
Everyday	80	86.0
A few times a week	8	8.6
A few times a month	2	2.2
A few times a year	3	3.2
Never	0	0

How often do you PROVIDE EDUCATION ON DRUG THERAPY	N	%
	(of 79)	
Everyday	67	84.8
A few times a week	8	10.1
A few times a month	1	1.3
A few times a year	2	2.5
Never	1	1.3
How often do you PROVIDE EDUCATION ON EARLY DISCHARGE?	N	%
	(of 101)	
Everyday	5	5
A few times a week	4	4
A few times a month	7	6.9
A few times a year	6	5.9
Never	79	78.2
How often do you PROVIDE EDUCATION ON EPISIOTOMY?	N	%
	(of 57)	
Everyday	1	1.8
A few times a week	7	12.3
A few times a month	13	22.8
A few times a year	16	28.1
Never	20	35.1
How often do you PROVIDE EDUCATION ON FETAL MONITORING?	N	%
	(of 93)	
Everyday	12	12.9
A few times a week	14	15.1
A few times a month	13	14
A few times a year	10	10.8
Never	41	47.3
How often do you PROVIDE EDUCATION ON IVs DURING LABOR?	N	%
	(of 82)	
Everyday	13	15.9
A few times a week	11	13.4
A few times a month	14	17.1
A few times a year	13	15.9
Never	31	37.8
How often do you PROVIDE EDUCATION ON STAGES OF LABOR?	N	%
	(of 112)	
Everyday	12	10.7
A few times a week	23	20.5
A few times a month	13	11.6
A few times a year	23	20.5
Never	41	36.6

How often do you PROVIDE GRIEF COUNSELING?	N (of 101)	%
Everyday	1	1
A few times a week	6	5.9
A few times a month	24	23.8
A few times a year	46	45.5
Never	24	23.8

How often do you PROVIDE HEALTH GUIDANCE?	N (of 93)	%
Everyday	91	97.8
A few times a week	1	1.1
A few times a month	1	1.1
A few times a year	0	0
Never	0	0

How often do you PROVIDE NUTRITIONAL COUNSELING?	N (of 79)	%
Everyday	57	72.2
A few times a week	9	11.4
A few times a month	10	12.7
A few times a year	1	1.3
Never	2	2.5

How often do you PROVIDE OB INTERVENTION EDUCATION?	N (of 101)	%
Everyday	18	17.8
A few times a week	13	12.9
A few times a month	16	15.8
A few times a year	19	18.8
Never	35	34.7

How often do you PROVIDE POSTPARTUM NUTRITIONAL COUNSELING?	N (of 57)	%
Everyday	2	3.5
A few times a week	8	14
A few times a month	9	15.8
A few times a year	18	31.6
Never	20	35.1

How often do you PROVIDE PRENATAL NUTRITIONAL COUNSELING?	N (of 93)	%
Everyday	30	32.3
A few times a week	19	20.4
A few times a month	23	24.7
A few times a year	12	12.9
Never	9	9.7

How often do you PROVIDE SEXUAL COUNSELING?	N (of 82)	%
Everyday	33	40.2
A few times a week	22	26.8
A few times a month	22	26.8
A few times a year	5	6.1
Never	0	0
How often do you PROVIDE EDUCATION ON TYPE OF DELIVERY?	N (of 112)	%
Everyday	16	14.3
A few times a week	24	21.4
A few times a month	24	21.4
A few times a year	17	15.2
Never	31	27.7
How often do you READ RESEARCH ARTICLES?	N (of 101)	%
Everyday	6	5.9
A few times a week	45	44.6
A few times a month	43	42.6
A few times a year	7	6.9
Never	0	0
How often do you RECOGNIZE CONTRAINDICATIONS TO BREASTFEEDING?	N (of 93)	%
Everyday	19	20.4
A few times a week	12	12.9
A few times a month	20	21.5
A few times a year	36	38.7
Never	6	6.5
How often do you RECOGNIZE DRUG SIDE EFFECTS?	N (of 79)	%
Everyday	24	30.4
A few times a week	21	26.6
A few times a month	24	30.4
A few times a year	9	11.4
Never	1	1.3
How often do you RECOGNIZE PATHOLOGIC GRIEF?	N (of 101)	%
Everyday	0	0
A few times a week	4	4
A few times a month	6	5.9
A few times a year	62	61.4
Never	29	28.7

How often do you REFER PATIENTS TO A SUPPORT GROUP?	N	%
	(of 57)	
Everyday	2	3.5
A few times a week	5	8.8
A few times a month	13	22.8
A few times a year	31	54.4
Never	6	10.5
How often do you SELECT DRUG THERAPY?	N	%
	(of 93)	
Everyday	75	80.6
A few times a week	8	8.6
A few times a month	5	5.4
A few times a year	3	3.2
Never	2	2.2
How often do you TEACH BOTTLE FEEDING TO MOTHERS?	N	%
	(of 82)	
Everyday	2	2.4
A few times a week	1	1.2
A few times a month	6	7.3
A few times a year	13	15.9
Never	60	73.2
How often do you TEACH BREASTFEEDING POSITIONS?	N	%
	(of 112)	
Everyday	6	5.4
A few times a week	17	15.2
A few times a month	19	17
A few times a year	29	25.9
Never	41	36.6
How often do you TEACH GENERAL POSTPARTUM CARE?	N	%
	(of 101)	
Everyday	9	8.9
A few times a week	21	20.8
A few times a month	20	19.8
A few times a year	18	17.8
Never	33	32.7
How often do you TEACH THE PHYSIOLOGY OF LACTATION?	N	%
	(of 93)	
Everyday	3	3.2
A few times a week	17	18.3
A few times a month	21	22.6
A few times a year	27	29.0
Never	25	26.9

Practice Demographics
(Number of Respondents = 718)

	Response	N	%
Does your state require certification to practice as an NP?	Yes	609	84.9
	No	109	15.1
Do you have prescriptive authority?	Yes	610	85
	No	108	15
Is certification required for your position?	Yes	600	83.6
	No	118	16.4
How many WHNPs are in your practice?	None	47	6.6
	1-2	468	65.2
	3-4	115	16.1
	5 or more	88	12.1
How many WHC RNs are in your practice?	None	378	52.7
	1-2	188	26.1
	3-4	87	12.1
	5 or more	65	9.1
How many Nurse Midwives are in your practice?	None	510	71.1
	1-2	139	19.4
	3-4	38	5.3
	5 or more	31	4.2
How many Physicians are in your practice?	None	65	9.1
	1-2	291	40.5
	3-4	141	19.6
	5 or more	221	30.8
How many LPNs are in your practice?	None	345	48.1
	1-2	237	33
	3-4	85	11.8
	5 or more	51	7.1
Is there a telephone advice nurse on staff?	Yes	339	47.3
	No	379	52.7

Biographical Data

	Response	N	%
Practice Setting (N = 648)	Academic Setting	24	3.7
	Ambulatory Clinic	115	17.8
	HMO	18	2.8
	Hospital	12	1.8
	Hospital Based Clinic	0	0
	Independent Practice	18	2.8
	NP Professional Group	1	0.2
	Physician's Group	114	17.6
	Physician's Office	186	28.6
	Prenatal Clinic	7	1.1
	Public Health Clinic	103	15.8
	Other	50	7.8
Education (N = 718)	PhD	14	2
	Master's	409	57
	Baccalaureate	159	22
	Associate	85	11.9
	Diploma	51	7.1
Years as a WHNP (N = 718)	1-5 years	212	29.6
	6-10 years	219	30.5
	11-15 years	106	14.7
	16-20 years	77	10.7
	Over 20 years	104	14.5
Practice Location (N = 718)	Northeast	167	23.3
	Southeast	165	23
	Midwest	193	26.8
	Southwest	95	13.3
	West	92	12.8
	Outside the US	6	0.8