

10-24m.

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		09-77m.	App-9/28/10	App 11/2/10

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Theresa Gropelli	Email Address tgropell@iup.edu
Proposing Department/Unit Department of Nursing and Allied Health Professions	Phone 724-357-2557

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)		
<input checked="" type="checkbox"/> New Course	<input type="checkbox"/> Course Prefix Change	
<input type="checkbox"/> Course Revision	<input type="checkbox"/> Course Deletion	
<input type="checkbox"/> Course Number Change	<input type="checkbox"/> Course Title Change	
<input type="checkbox"/> Course Description Change	<input type="checkbox"/> Catalog Description Change	

<u>Current Course prefix, number and full title</u>	<u>Proposed course prefix, number and full title, if changing</u>	
	NURS 332 Maternal-Neonatal Health	
2. Additional Course Designations: check if appropriate		
<input type="checkbox"/> This course is also proposed as a Liberal Studies Course.	<input type="checkbox"/> Other: (e.g., Women's Studies, Pan-African)	
<input type="checkbox"/> This course is also proposed as an Honors College Course.		
3. Program Proposals		
<input type="checkbox"/> New Degree Program	<input type="checkbox"/> Program Title Change	
<input type="checkbox"/> New Minor Program	<input type="checkbox"/> New Track	
<input type="checkbox"/> Catalog Description Change	<input type="checkbox"/> Program Revision	
<input type="checkbox"/> Other		

<u>Current program name</u>	<u>Proposed program name, if changing</u>	
4. Approvals		
Department Curriculum Committee Chair(s)	<i>John Geopier</i> / <i>Elizabeth Palmer</i>	Date 1/9/10
Department Chair(s)		3/2/10
College Curriculum Committee Chair	<i>Robert Kostelnik</i> / KJF	4/5/10
College Dean	<i>Parleen G. Foxi</i>	4-7-10
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail S. Sechrist</i>	9-28-10

* where applicable

Received
SEP 22 2010
Liberal Studies

Received
SEP 13 2010
Liberal Studies

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Syllabus of record

I. CATALOG DESCRIPTION

NURS 332 Maternal-Neonatal Health

**2 class hours
0 lab hours
2 credit hours
(2c-0l-2cr)**

PRE-REQUISITES: FDNT 212, NURS 236, PSYC 310, or permission

**PRE OR
CO-REQUISITES:** NURS 316

CO-REQUISITES: NURS 333

Focuses on knowledge essential to provide competent primary and secondary level of nursing care for pregnant women and their neonates within a family context. The course emphasizes contemporary issues experienced by childbearing women and their families.

II. COURSE OUTCOMES

At the conclusion of this course the student will be able to:

1. Identify normal physiologic and psychosocial processes as they apply to the perinatal woman, the fetus, and the neonate.
2. Apply principles of pathophysiology and associated psychosocial adjustments as they relate to the fetus, the perinatal woman, and the neonate.
3. Describe the elements of nursing care management for the perinatal woman and the neonate.
4. Discuss appropriate pharmacologic interventions in treatment of perinatal women and neonate.

III. COURSE OUTLINE

Pregnancy, labor, delivery, postpartum, and neonatal health

30 hours

Week one A. Issues related to Preconception, Conception, & Fetal Development. (2 hrs)

1. Theories and Applications
2. Global Health
3. Disaster Preparedness
4. Genetics & the Human Genome Project
5. Infertility

Week two B. Reproducing Family- Contraception as relates to patient education (2 hrs)

1. Barrier Methods
2. Hormonal Methods
3. IUD
4. Emergency Contraception
5. Sterilization
6. Condoms, spermicides

Week three	<p>C. Reproducing Family- Antenatal & Prenatal Care (2 hrs)</p> <ol style="list-style-type: none"> 1. Trends and goals 2. Health maintenance 3. Nutrition during pregnancy 4. Education for pregnancy and parenthood
Week four	<p>D. Nursing Care during Pregnancy (2 hrs)</p> <ol style="list-style-type: none"> 1. Assessment of fetus/fetal diagnostics 2. Adaptation to pregnancy 3. Assessment, standards of care, and nursing diagnosis 4. Expected outcomes, plan of care and interventions 5. Childbirth and perinatal education <p>E. Cultural Beliefs & Practices: Primary & Secondary Level Nursing Considerations</p> <ol style="list-style-type: none"> 1. Ethnic considerations 2. Age differences
Week five	<p>F. Reproducing Family- Nursing care during labor and delivery (2 hrs)</p> <ol style="list-style-type: none"> 1. Factors affecting the labor process & Stages of Labor.
Week six	<p>G. Physiological adaptation to labor (2 hrs)</p> <ol style="list-style-type: none"> 1. Maternal adaptation 2. Fetal adaptation <p>H. Reproducing Family- Nursing care during labor and delivery (cont.)</p> <ol style="list-style-type: none"> 1. Pain management 2. Fetal monitoring
Week seven	<p>I. Reproducing Family- Postnatal Recovery & Adaptation (1 hr)</p> <ol style="list-style-type: none"> 1. Psychosocial Adaptation 2. Physiological Adaptation <p>Exam#1 (1 hr)</p>
Week eight	<p>J. Reproducing Family-The healthy neonate (2 hrs)</p> <ol style="list-style-type: none"> 1. Adaptation to extrauterine life 2. Review of Systems <p>K. Nursing Care of the Newborn</p> <ol style="list-style-type: none"> 1. NB Assessment 2. Gestational age 3. Medications 4. Circumcision 5. Evidence-based nursing care 6. Newborn nutrition
Week nine	<p>L. Obstetric Complications & Nursing Care-Prenatal (2 hrs)</p> <ol style="list-style-type: none"> 1. Psychosocial 2. Sociodemographic

- Week 10** **M. Obstetric Complications & Nursing Care-Prenatal** (2 hrs)
1. Hypertensive Disorders
 - a. Gestational
 - b. Preeclampsia
 - c. Eclampsia
 - d. Chronic
 - e. Pharmacologic Control
 2. Hemorrhagic Disorders
 - a. Spontaneous AB
 - b. Ectopic
 - c. Hydatidiform Mole
 - d. Placenta Previa
 - e. Abruptio Placenta
- Week 11** **N. Obstetric Complications & Nursing Care-Prenatal (cont)** (2 hrs)
1. Endocrine & Metabolic Disorders
 - a. Diabetes Mellitus
 - b. Hyperemesis Gravidarium
 - c. PKU
 2. Cardiovascular Disorders
- Week 12** **O. Obstetric Complications-STD's-Prenatal, Maternal, & Neonatal** (2 hrs)
- Nursing Care
1. Bacterial STD
 2. Viral STD
 3. Vaginosis
 4. TOURCH
- P. Obstetric Complications: Substance Abuse-Prenatal, Maternal, & Neonatal
- Nursing Care
1. Narcotics
 2. Cocaine
 3. Amphetamines
 4. Marijuana
- Week 13** **Q . Obstetric Complications & Nursing Care – Labor** (1 hr)
1. Preterm
 2. Postdates
 3. Dysfunctional Labor
 4. Obstetric Emergencies
- R. Neonatal Complications & Nursing Care (1 hr)
1. Preterm
 2. RDS
 3. Retinopathy
 4. BPD
 5. NEC
 6. Meconium Aspirate
 7. Hyperbilirubinemia
 8. Hemolytic Disease

9. Parental Support

Week 14	S. Postpartum Complications & Nursing Care	(1 hr)
	1. DIC	
	2. Thromboembolic Disease	
	3. PP Infection	
	4. Other Complications	

Exam #2 (1 hr)

Finals Week: Final Exam (2 hrs)

IV. EVALUATION METHODS*

The final grade will be determined as follows:

30%	Exam #1 (Multiple choice)
30%	Exam #2 (Multiple choice)
40%	Final exam (Multiple choice)

V. GRADING SCALE:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	Less than 60%

***To progress in the Nursing Program, the student must achieve at least a 70% average grade on the exams AND at least a 70% average grade on all other assignments.**

VI. ATTENDANCE POLICY:

Although there is no formal attendance policy for this class, student learning is enhanced by regular attendance and participation in class discussions.

VII. REQUIRED TEXTBOOKS:

Lowdermilk, P., & Perry, S., (2007). *Maternity and women's health care* (9th ed.). St. Louis: Mosby.

Lowdermilk, P., & Perry, S., (2007). *Maternity and women's health care study guide*. (9th ed.). St. Louis: Mosby.

VIII. SPECIAL RESOURCE REQUIREMENTS:

None

IX. BIBLIOGRAPHY:

Abenhaim, H., Azoulay, L., Kramer, M., and Leduc, L. (2008). Incidence and risk factors of amniotic fluid embolisms: a population—based study on 3 million births in the United States. *American Journal of Obstetrics and Gynecology*, 199(1), 49. e1-49.e8.

Clarke, S., & Nelson-Piercy, C., (2005). Pre-eclampsia and HELLP Syndrome. *Anesthesia and Intensive Care Medicine*, 6(3), 96-100.

- Commendador, K. (2007). The relationship between female adolescent self-esteem, decision making and contraceptive behavior. *Journal of the American Academy of Nurse Practitioners*, 19(11), 614-623.
- Derbyshire, E. (2008). Implications of high maternal weight during pregnancy. *Nursing Standard*, 22(49), 42-46.
- Dries-Daffner, I., Landau, S. C., Maderas, N. M., & Taylor-McGhee, B. (2007). Access to plan B emergency contraception in an OTC environment. *Journal of Nursing Law*, 11(2), 93-100.
- Durham, L., Veltman, L., Davis, P., Ferguson, L., Hacker, M., Hooker, D., et al. (2008). Standardizing criteria for scheduling elective labor inductions. *MCN, the American Journal of Maternal Child Nursing*, 33(3), 159-165.
- Mbweza, E., Norr, K. F., & McElmurry, B. (2008). Couple decision making and use of cultural scripts in Malawi. *Journal of Nursing Scholarship*, 40(1), 12-19.
- Meddings, F., Phipps, F. M., Haith-Cooper, M., & Haigh, J. (2007). Vaginal birth after caesarean section (VBAC): Exploring women's perceptions. *Journal of Clinical Nursing*, 16(1), 160-167.
- Medoff-Cooper, B., Dakewell-Sachs, S., Buus-Frank, M., & Santo-Donato, A. (2005). The AWHONN near-term initiative: A conceptual framework for optimizing health for near-term infants. *Journal of Obstetric, Gynecologic, and Neonatal Nursing: JOGNN*, 34(6), 666-671.
- Rasmussen K., Kjolhede C., (2008). Maternal obesity: A problem for both mother and child. *Obesity (Silver Spring)*. 16(5), 929-31.
- Sarkar N. (2008). The impact of intimate partner violence on women's reproductive health and pregnancy outcome. *Journal of Obstetrics and Gynaecology*, 28(3), 266-71.
- SOGC, (2008). Diagnosis and management of placenta previa: No. 189, March 2007. *International Journal of Gynecology & Obstetrics*, 103(1), 89-94.
- Sprague, A. E., Oppenheimer, L., McCabe, L., Graham, I. D., & Davies, B. L. (2008). Knowledge to action: Implementing a guideline for second stage labor. *MCN: the American Journal of Maternal-Child Nursing*, 33(3), 179-186.
- Thomas, J. (2008). Vertical transmission rate is low when pregnant women get HIV therapy. *Perspectives on Sexual & Reproductive Health*, 40(3), 184-185.
- Walker, J. (2000). Pre-eclampsia. *The Lancet*, 356 (9237), 1260-1265. (Classic)
- Zauderer, C. R. (2008). A case study of postpartum depression and altered maternal-newborn attachment. *MCN: the American Journal of Maternal-Child Nursing*, 33(3), 173-178.

**COURSE ANALYSIS QUESTIONNAIRE
NURS 338 Maternal-Neonatal Health**

Section A: Details of the Course

- A1 This course will fit into the junior year of the Bachelor of Science degree in the Nursing program. It is a required course for students in the major.
- A2 This course is part of the curriculum revision in the Nursing program.
- A3 This course has never been offered at IUP.
- A4 This course is not intended to be offered as a dual-level course.
- A5 This course is not intended to be taken for variable credit.
- A6 This material on adult health nursing would be included in other baccalaureate nursing programs.
- A7 The content in this course is necessary to practice nursing in a maternal-child health setting (Commission on Collegiate Nursing Education, State Board of Nursing Professional and Vocational Standards). The information taught in this course is consistent with the test plan for the licensing exam for nursing (NCLEX-RN).

Section B: Interdisciplinary Implications

- B1 This course will be taught by a team of faculty members within the Nursing Department.
- B2 This course does not overlap with any other courses at the University.
- B3 No seats in the course will be reserved for students in Continuing Education.

Section C: Implementation

- C1 No new faculty are needed to teach this course.
- C2 Other Resources
 - a. Current space allocations are adequate to offer this course
 - b. Currently Stapleton Library subscribes to a number of specialty nursing journals that would be helpful for students in this course. These journals include: Journal of Obstetrics, Gynecology, and Neonatal Nursing, Journal of Pediatric Nursing, Journal of Perinatal and Neonatal Nursing, Pediatric Nursing, Pediatric Clinics of North America. The library also has a holding of references related to maternal-child health nursing. Periodic updates of these holdings are necessary. The department currently has a mechanism in place for identifying needs for updated texts in priority order and recommending future purchases.
- C3 No grant funds are associated with this course
- C4 This course will be offered in both the Fall and Spring semesters.
- C5 One section of the course will be offered at a time.
- C6 Forty students will be accommodated in this course.
- C7 No professional society limits enrollment in a course of this nature.

Old syllabus

I. Course Description

NURS 338 Maternal-Child Health 4 lecture hours
0 lab hours
4 credit hours
(4c-0l-4cr)

Prerequisites: FDNT 212, NURS 236, PSYC 310, or permission

Pre or Corequisite: NURS 316

Corequisite: NURS 339

Focuses on knowledge essential to provide nursing care for pregnant women and their children within a family context. The first half of the course emphasizes the changes experienced by the woman and family during normal and complicated pregnancy as well as those of the developing fetus and neonate. The second half focuses on acute and chronic health problems of infants, children, and adolescents.

II. Course Objectives

At the conclusion of this course the student will be able to:

1. Explain the normal physiologic and psychosocial processes as they apply to the perinatal woman, the fetus, the neonate, and the developing child
2. Apply principles of pathophysiology and associated psychosocial adjustments as they relate to the fetus, perinatal woman, and the developing child
3. Describe the elements of health care management for children with a chronic illness
4. Discuss appropriate pharmacologic interventions in treatment of perinatal women and children

III. Course Outline

Unit I	Pregnancy, labor, delivery, postpartum, and neonatal health	
Week 1	A. Introduction to family-centered care	2 hrs.
	1. Family theory	
	a. Family systems theory	
	b. Family stress theory	
	2. Family assessment	
	a. Composition	
	b. Strengths	
	c. Needs	
	3. The child-bearing family	
	B. Nursing care of the child-bearing family during pregnancy	2 hrs
	1. Psychological and physiological changes during pregnancy	
	2. Conception, fetal development	
	a. Intrauterine organ systems	
	b. Fetal circulation	

c. Embryo and fetal development

Weeks 2 -4 3. Promotion of fetal and maternal health 6 hrs

- a. Trends and goals
- b. Health maintenance
- c. Nutrition during pregnancy
- d. Education for pregnancy and parenthood

4. Prenatal complications and risks
 - a. Assessment of risk factors and environmental hazards
 - b. Hypertensive disorders
 - c. Maternal infections
 - d. Maternal hemorrhagic disorders
 - e. Endocrine and metabolic disorders
 - f. Psychosocial problems
5. Cultural influences

C. Nursing care during labor and delivery 5 hrs.

1. The normal labor process
 - a. Stages of labor
 - b. Pain management
 - c. Fetal monitoring
2. Nursing interventions that meet psychosocial needs of the couple during labor
3. Types of delivery
 - a. Vaginal
 - b. Cesarean
 - c. Vaginal delivery after a previous Cesarean delivery
4. Complications of pregnancy
 - a. Current trends to reduce preterm labor
 - b. Trauma in pregnancy
 - c. Medical conditions

Exam 1 hr.

Weeks 5-6 D. Nursing care of the postpartum family 8 hrs.

1. Nursing care of the postpartum woman
 - a. Biophysical aspects
 - b. Psychosocial aspects
 - c. Nursing care
2. Postpartum complications
 - a. Hemorrhage
3. The healthy neonate
 - a. Fetal responses to labor and birth
 - b. Immediate care of the newborn
 - c. Assessment of the newborn
 - d. Nutrition of the newborn
4. Neonatal complications
 - a. Complications of low birth weight
 - b. Respiratory complications
 - c. Hemolytic disease
 - d. Drug dependent newborn

	5. Family adjustments	
	a. Parenting needs in the neonatal intensive care unit (NICU)	
	b. Home care	
	c. Loss and grief	
	d. Contraception	
Week 7	E. Sexually transmitted diseases	3 hrs.
	1. Symptoms / diagnosis	
	2. Management	
	3. Education	
	4. Affect on fertility	
	F. Contraceptive Issues	
Mid-term Exam		1 hr.
Unit II Care of children with chronic illness and serious infectious disease.		
Weeks 8 -10		
	A. Caring for the family of a chronically ill child	2 hrs.
	1. Children's conceptions of health and illness	
	2. Parental response to diagnosis	
	3. Implications of illness on daily life	
	B. Common Chronic Disorders: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care	10 hrs
	1. Respiratory – asthma / cystic fibrosis	
	2. Endocrine - diabetes	
	3. Hematologic - sickle cell anemia	
	4. Oncologic - childhood cancers	
	5. Neurologic - cerebral palsy / epilepsy	
	6. Cognitive - Down syndrome	
Weeks 11-14		
	C. Common Congenital Anomalies: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care	10 hrs
	1. Respiratory – diaphragmatic hernia	
	2. Cardiac – selected cyanotic, acyanotic, and obstructive malformations	
	3. Neurological – spina bifida	
	4. Gastrointestinal – Hirshsprung disease, Meckel diverticulum	
	D. Serious Infectious Diseases	3 hrs.
	1. Respiratory - bronchiolitis, epiglottitis	
	2. Cardiac - subacute bacterial endocarditis, rheumatic fever, Kawasaki disease	
	3. Neurological – meningitis	
	4. Sepsis	
Exam		1 hr
	E. Caring for the chronically ill child at home	2 hrs.

1. Needs of the family
2. Social support available
3. Ethical and legal issues

Finals Week: Final Exam

IV. Evaluation Methods*

- 40% 2 Unit exams (Multiple choice)
- 15% Mid-term exam (Multiple choice)
- 15% Final exam (Multiple choice)
- 10% Individual or collaborative analysis of a case study of a woman experiencing a complication of pregnancy
- 10% Individual or collaborative analysis of a case study of a family that includes a child with a chronic illness or congenital anomaly
- 10% Individual and collaborative multiple choice quizzes

Grading Scale:

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F Less than 60%

*To progress in the Nursing Program, the student must achieve at least a 70% average grade on the exams AND at least a 70% average grade on all other assignments.

V. Required Textbooks:

Lowdermilk, P., Perry, S., & Bobak, I. (1997). Maternity and women's health care. (6th ed). St. Louis: Mosby.

Piotrowski. (1997). Maternity and women's health care study guide. (6th ed.) St. Louis: Mosby.

Wong, D. (1999). Nursing care of infants and children. (6th ed). St. Louis: Mosby.

Wong, D. (1999). Study guide to accompany nursing care of infants and children. St. Louis: Mosby.

VI. Special Resource Requirements

None

VII. Bibliography

Ament, L.A. & Whalen, E. (1996). Sexually transmitted diseases in pregnancy: Diagnosis, impact, and intervention. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 657-666.

American Academy of Pediatrics. (1999). The best of the pediatric internet: Reviews of internet resources by AAP fellows. Online: <http://www.aap.org/bpi/default/htm>.

American Nurses' Association Standards of Clinical Nursing Practice. (1998). American Nurses' Association: Washington, D.C.

Atterbury, J. L., Groome, L.J., Hoff, C., & Yarnell, J. A. (1998). Clinical presentation of women readmitted with postpartum severe preeclampsia or eclampsia. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 27, 134-141.

Baroni, M.A., Anderson, Y.E., & Mischler, E. (1997). Cystic fibrosis newborn screening: Impact of early screening results on parenting stress. Pediatric Nursing 23(2), 143-151.

Bossert, E.A., Van Cleve, L., & Savedra, M.C. (1996). Children with cancer: The pain experience away from the health care setting. Journal of Pediatric Oncology Nursing, 13(3), 109-120.

Brodsy, P. L. (1998). A postpartum home follow-up project by student nurses using marker model standards. Journal of Nursing Education, 37, 373-375.

Cancer Pain Management Guideline Panel, U.S. Department of Health and Human Services. (1994). Quick reference guide for clinicians, management of cancer pain: Infants, children, and adolescents. Journal of Pharmaceutical Care in Pain and Symptom Control, 2(1), 75-103.

Carroll, M.K. & Ryan-Wenger, N.A. (1999). School-age children's fears, anxiety, and human figure drawings. Journal of Pediatric Health Care, 13(1), 24-31.

Carruth, B.R. & Skinner, J.D (1991). Practitioner beware: Regional differences in beliefs about nutrition during pregnancy. Journal of American Dietetic Association, 91,435- 441. (Classic)

Clark, R.A. (1995). Infections during the postpartum period. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 24, 542-548.

Drake, P. (1996). Addressing developmental needs of pregnant adolescents. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 518-524.

Enskar, K. (1995). Ethical aspects of judging the alternative treatment of children with cancer. Nursing Ethics, 2(1), 51-62.

Fochtman, D. (1995). Follow-up care for survivors of pediatric cancer. Nurse Practitioner Forum, 6(4), 194-200.

Gibson, C.H. (1995). The process of empowerment in mothers of chronically ill children. Journal of Advanced Nursing, 21(6), 1201-1210.

Glover, N.M. & Glover, S.J. (1996). Ethical and legal issues regarding selective abortion of fetuses with down syndrome. Mental Retardation, 34(4), 207-214.

Hannemann, L.A. (1999). What is new in asthma: New dry powder inhalers. Journal of Pediatric Health Care, 13(4), 159-165.

Harding, R. (1996). Children with cancer: The needs of siblings. Professional Nurse, 11(9), 588-590.

- Hartley, B. (1997). Juvenile arthritis: A nursing perspective. Journal Pediatric Nursing, 12(2), 100-109.
- Higley, A. M., & Miller, M.A. (1996). The development of parenting: Nursing resources. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 707-712.
- Hopkins-Hutti, M., dePacheco, M., & Smith, M. (1998). A study of miscarriage: Development and validation of the perinatal grief intensity scale. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 27 547-555.
- Hurst, N., Myatt, A., & Schanler, R. (1998). Growth and development of a hospital-based lactation program and mother's own milk bank. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 27, 503-510.
- Jackson, P.L. & Vessey, J.A. (1996). Primary care of the child with a chronic condition (2nd ed.). St. Louis: Mosby.
- Jones, C. (1988). Mind over labor. Virginia: Donnelly & Sons Company. (Classic).
- Kanarek, R. (1999). Facing the challenge of childhood leukemia. American Journal of Nursing, 99, 6.
- Kools, S. Gilliss, C. & Tong, E. (1999). Family transitions in congenital heart disease management. Journal of Family Nursing, 5(4), 404.
- Lowe, N. (1996). The pain and discomfort of labor and birth. Journal of Obstetrics, Gynecologic, and Neonatal Nursing, 25, 82-88.
- Martin, E. J. (Ed.). (1996). Intrapartum management modules. Baltimore, MD: Williams & Wilkins.
- Monaco, G.P., Fiduccia, D., & Smith, G. (1997). Legal and societal issues facing survivors of childhood cancer. Pediatric Clinics of North America, 44(4), 1043-1058.
- National Institute of Child Health and Human Development, part of National Institutes of Health. (1999). Online: http://www.nih.gov/nichd/home2_home.html.
- Nilsson, L. (1990). A child is born. New York: Doubleday Dell Publishing. (Classic).
- PedInfo: An index of the pediatric internet from the University of Alabama at Birmingham. (1999). Online: <http://www.uab.edu/pedinfo>.
- Persily, C.A. (1996). Relationships between the perceived impact of gestational diabetes mellitus and treatment. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 601-607.
- Rollant, P.D. & Piotrowski, K. (1996). Mosby's review series: Maternity nursing. Baltimore, MD: Mosby.

Ross-Alaolmolki, K., Heinzer, M., Howard, R., & Marszal, S. (1995). Impact of childhood cancer on siblings and family: Family strategies for primary health care. Holistic Nursing Practice, 9(4), 66-75.

Rubin, R. (1984). Maternal identity and the maternal experience. New York: Springer Publishing. (Classic)

Straubm H., Cross, J., Curtis, S., Iverson, S., Jacobmeyer, M., Andrson, C., & Sorenson, M. (1998). Proactive nursing: The evolution of a task force to help women with postpartum depression. The American Journal of Maternal/Child Nursing, 23, 262-265.

Swanick, M. (1996). Childrearing across cultures. Pediatric Nursing, 8(7), 13-17.

Tarr, J. & Pickler, R. (1999). Becoming a cancer patient: A study of families of children with acute lymphocytic leukemia. Journal of Pediatric Oncology Nursing, 16(1), 44.

U.S. Department of Health and Human Services Public Health Service. (1998). Health people 2010: National health promotion and disease prevention objectives. Washington, D.C: Public Health Service.

Web Rounds (1999). Online: [Http://www.wwilkins.com/rounds](http://www.wwilkins.com/rounds). Lippincott Williams & Wilkins.

Williams, L.R. & Kowchley Cooper, M. (1996). A new paradigm for postpartum care. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 745-749.

Winklestein, M.L., Tarzian, A., & Wood, R.A. (1997). Motivation, social support, and knowledge of parents who smoke and who have children with asthma. Pediatric Nursing, 23, 576-581.

Woods, J.R. & Esposito-Woods, J.L. (Eds.). (1998). Loss during pregnancy or in the newborn period. Pittman, NJ: Jannetti Publications.