

NURSING 201: NURSING CARE OF SPECIAL POPULATIONS
UNIT III: MATERNITY NURSING

UNIT OBJECTIVES

AT THE COMPLETION OF THE UNIT, THE STUDENT:

1. Explains major historical developments in maternal healthcare.
2. Recognizes factors that determine the choice of birth control.
3. Discusses the various types of contraceptive methods and resources available.
4. Compares the various birthing choices and provider roles.
5. Explains the significance of statistics associated with the maternal and child patient.
6. Discusses the role of prenatal care in relation to the maternal and child patient.
7. Utilizes knowledge of standards of care for the pregnant client.
8. Defines terms necessary for understanding basic genetics.
9. Identifies the various patterns of inheritance and the differences in chromosome and gene level defects.
10. Relates the principles of genetic counseling to nursing care.
11. Describes the normal developmental stages of the embryo and fetus.
12. Discusses abnormal development of the embryo and fetus.
13. Defines teratogens and common teratogenic agents including alcohol ingestion during pregnancy.
14. Describes neonatal abstinence syndrome.
15. Relates the various components of infertility.
16. Explains the different classifications of miscarriage/abortion.
17. Recognizes the emotional and physical care of the patient experiencing abnormal or interrupted fetal development.
18. Discusses the anatomic and physiologic changes which occur during pregnancy.

19. Identifies presumptive (subjective), probable (objective), and positive (diagnostic) signs of pregnancy.
20. Explains nursing actions to alleviate the common discomforts of pregnancy.
21. Discusses sexuality and adaptations during pregnancy.
22. Compares and contrasts normal versus abnormal psychosocial adjustments during pregnancy and the postpartum period.
23. Relates the various components of a prenatal history, including factors related to paternal health.
24. Describes a prenatal assessment and various diagnostic methods for maternal and fetal antepartal assessments.
25. Describes the nurse's role in caring for the family unit during the antepartal period.
26. Relates nutritional requirements during pregnancy and the effects of maternal nutrition on fetal outcomes.
27. Describes the adolescent adaptation to pregnancy and effects on partner and family relationships.
28. Explains the nursing management of the pregnant adolescent and the advanced maternal age client.
29. Describes the management of a pregnant patient with a pregestational disorder.
30. Explains fetal assessment of well-being in a high risk pregnancy
31. Describes the assessment and care of the patient with a gestational condition resulting in high risk pregnancy.
32. Relates the significance of obstetrical anatomy to the birth process.
33. Discusses the critical factors in labor (passage, passenger, powers, psyche, and position) and stages of labor.
34. Discusses fetal position changes which constitute the mechanisms of labor and methods to determine fetal position.
35. Identifies the signs and probable causes of labor.
36. Compares and contrasts true labor vs. false labor.
37. Relates and compares the various methods of induction/augmentation of labor.
38. Explains the nursing considerations during each of the four stages of labor.
39. Describes the intrapartal assessment process and nursing care of the intrapartal patient.

40. Lists the types, actions, and effects of analgesics and anesthetics used during labor and delivery.
41. Relates the nursing considerations relevant to a laboring client undergoing an obstetrical procedure.
42. Explains potential complications of labor and delivery and associated nursing care.
43. Compares and contrasts placenta previa and abruptio placenta.
44. Relates important considerations for emergency delivery by the nurse.
45. Describes potential birth injuries and related nursing care.
46. Identifies systemic adaptations and physiologic changes of the postpartal period.
47. Utilizes the nursing process to care for the postpartum patient and to identify, prevent, and/or treat potential complications.
48. Identifies resources available to the family during the antepartal, intrapartal, and postpartal period.

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>Unit III: Maternity Nursing Theory Hours- 32 Clinical Hours- 5.5 SLP- 2</p> <p>I. Maternity Nursing</p> <p> A. History</p> <p> i. Early Maternal and Newborn Practices</p> <p> ii. Evolution of Care</p> <p> B. Trends</p> <p> i. Birthing Choices</p> <p> ii. Professional Roles and Organizations</p> <p> C. Vital Statistics</p> <p> D. Standards of Care</p> <p> E. Cultural Implications</p> <p>II. Antepartal Care</p> <p> A. The Menstrual Cycle/ Review of A&P</p> <p> B. Anatomy & Physiology of Pregnancy</p> <p> i. Reproductive</p> <p> ii. Metabolic</p> <p> iii. Respiratory</p> <p> iv. Cardiovascular</p> <p> v. Gastrointestinal</p> <p> vi. Renal</p> <p> vii. Musculoskeletal</p> <p> viii. Integumentary</p> <p> ix. Immune</p> <p> x. Endocrine</p> <p> xi. Hormonal Review</p> <p> C. Sexuality During Pregnancy</p> <p> D. Diagnosis of Pregnancy</p> <p> i. Presumptive (Subjective) Signs</p> <p> ii. Probable (Objective) Signs</p>	<p>Interactive lecture: Group activity & discussion of current statistics & cultural applications</p> <p>Collaborative Learning – Menstrual Cycle diagram</p> <p>Game- based Learning: Kahoot! Hormone Review</p>	<p>OB/ Peds/ MH Clinical observations</p> <p>Pre/ Post Conference</p> <p>Class Preparation: Birthing Options Analysis</p> <p>ATI: Pharmacology Made Easy: “Female Reproductive Tract</p> <p>Next Gen NCLEX Style Questions (PHLW: pp. 179).</p>	<p>Class Preparation</p> <p>Simulation</p> <p>ATI Real-Life</p> <p>Concept Map</p> <p>Clinical Evaluations</p> <p>Pre/Post Conference</p>

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>E. COVID-19 Recommendations</p> <p>VIII. Heredity</p> <p>A. Overview of Genetics</p> <ol style="list-style-type: none"> i. Chromosomes ii. Gene iii. Karyotypes iv. Sex Determination <p>B. Inheritance</p> <ol style="list-style-type: none"> i. Dominant Pattern ii. Recessive Pattern <p>C. Patterns of Inheritance</p> <ol style="list-style-type: none"> i. Autosomal Dominant ii. Autosomal Recessive iii. Sex-linked Dominant iv. Sex-linked Recessive v. Multifactorial <p>D. Chromosomal Abnormalities</p> <p>E. Genetic Counseling</p> <p>F. Prenatal Diagnosis of Genetic Abnormalities</p> <ol style="list-style-type: none"> i. Karyotyping ii. Barr Body Determination iii. Alpha-Fetoprotein Analysis (AFP) <p>G. Diagnostic Procedures</p> <ol style="list-style-type: none"> i. Amniocentesis ii. Chorionic Villi Sampling <p>IX. Embryonic Development</p> <ol style="list-style-type: none"> A. Formation of the Gametes B. Fertilization C. Early Development of the Embryo D. Implantation E. Decidua/ Embryonic Membranes F. Amniotic Fluid 	<p>Interactive lectures: Punnet Square group activity</p>	<p>Clinical Preparation: Heredity, Embryonic Development, Development of the Fetus, & Abnormal/ Interrupted Fetal Development</p>	

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>G. Yolk Sac H. Primary Germ Layers I. Placenta J. Umbilical Cord</p> <p>X. Development of the Fetus A. Development by Month B. Fetal Systems</p> <p>XI. Abnormal Development/ Interrupted Development A. Ectopic Pregnancy B. Gestational Trophoblastic Disease C. Malignant Gestational Trophoblastic Disease D. Spontaneous Abortions i. Threatened ii. Inevitable iii. Complete iv. Incomplete v. Missed vi. Recurrent Pregnancy Loss vii. Septic Abortion E. Anembryonic Pregnancy F. Therapeutic Abortion</p> <p>XII. Family Planning A. Behavioral Methods B. Natural Methods of Family Planning C. Hormone Therapy D. Intrauterine Device (IUD) E. Barrier Methods F. Spermicidal Preparations G. Emergency Contraceptives H. Surgical Sterilization I. Male Contraception</p>	<p>Interactive lecture: Name that Lunar Month</p> <p>Collaborative Learning</p> <p>Self-learning Packet</p>		<p>Quiz</p> <p>EXAM Maternity Part I (Exam #6)</p>

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>XIII. Antepartal Nursing Management</p> <ul style="list-style-type: none"> A. Maternal Assessment <ul style="list-style-type: none"> i. Client Profile ii. Pelvic/bimanual Examination iii. Determination of Due Date iv. Prenatal Labs and Diagnostics v. Prenatal Screening Tests vi. Ongoing Screening Tests B. Danger Signs of Pregnancy C. Prenatal Visits D. Teaching & Counseling E. COVID-19 Precautions/ Standards of Care F. Nutrition During Pregnancy <ul style="list-style-type: none"> i. Recommended Weight Gain ii. Specific Nutrients iii. Pregnancy Issues <p>XIV. High Risk Pregnancy</p> <ul style="list-style-type: none"> A. Multifetal Gestation <ul style="list-style-type: none"> i. Overview ii. Types <ul style="list-style-type: none"> 1. Monozygotic 2. Dizygotic 3. Conjoined iii. Types of Placenta <ul style="list-style-type: none"> 1. Monochorionic 2. Dichorionic iv. Diagnostics v. Maternal Risks vi. Newborn Risks <ul style="list-style-type: none"> 1. Twin to Twin Transfusion Syndrome vii. Antepartal Management viii. Intrapartal Management 		<p>Clinical Preparation: Danger Signs of Pregnancy</p> <p>Next Gen NCLEX Style Questions (PHLW: pp. 193, 211).</p>	

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>XVI. Obstetrical Procedures</p> <ul style="list-style-type: none"> A. Version <ul style="list-style-type: none"> i. External (Cephalic) ii. Internal (Podalic) B. Episiotomy vs. Laceration C. Forceps Delivery D. Vacuum Extractor E. Breech Extraction F. Cesarean Section & COVID-19 Precautions G. Vaginal Birth After Cesarean (VBAC) <p>XVII. Birth Injuries</p> <ul style="list-style-type: none"> A. Soft Tissue Injuries B. Ocular Injuries C. Fetal Monitoring Injuries D. Nervous System Injuries E. Musculoskeletal Injuries <p>VIII. Intrapartum Care</p> <ul style="list-style-type: none"> A. Factors of Labor <ul style="list-style-type: none"> i. Passageway- Pelvis ii. Passenger- Fetus iii. Fetopelvic Relationships <ul style="list-style-type: none"> 1. Lie 2. Attitude 3. Presentation 4. Presenting Part <ul style="list-style-type: none"> a. Engagement b. Station 5. Position 6. Leopold's Maneuvers iv. Powers- Forces of Labor v. Psyche- Psychological State 	<p>ECV Video "60 seconds with a Doula" video</p> <p>Episiotomy care: Song for post-op education</p> <p>Vacuum/ Forcep Demonstration</p> <p>Hand's on Leopold's maneuvers- Leopold's SIM Belly</p>	<p>Clinical Preparation: Factors of Labor</p> <p>ATI Skills Module: Leopold's Maneuver</p>	

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>B. Phenomena of Labor</p> <ul style="list-style-type: none"> i. Premonitory Signs ii. Causes (Theories) iii. Stages <ul style="list-style-type: none"> 1. First stage (dilation) 2. Second Stage (expulsion) 3. Third Stage (placental) 4. Fourth Stage (recovery) iv. Cardinal Movements <p>XIX. Intrapartal Nursing Assessment and Care</p> <ul style="list-style-type: none"> A. True vs. False Labor B. Systemic Effects of Labor C. Evaluation of Labor Progress D. Promotion of Maternal/ Fetal Well Being <ul style="list-style-type: none"> i. Positioning ii. Comfort iii. Breathing iv. Fetal Monitoring E. Promotion of Labor Progress F. Danger Signs G. Preparation of Birth <ul style="list-style-type: none"> i. Delivery of the Fetus <ul style="list-style-type: none"> 1. Umbilical Cord 2. Ritgen Maneuver 3. Episiotomy ii. Delivery of the Placenta <ul style="list-style-type: none"> 1. Assessment of Placenta 2. Fourth Stage Nursing Care iii. Promoting Maternal Hemostasis <p>XX. Labor Interventions</p> <ul style="list-style-type: none"> A. Induction of Labor <ul style="list-style-type: none"> i. Indications 	<p>Visual-based active learning: Labor Chain, Balloon dilation & effacement</p> <p>Cooperative & collaborative learning: Balloon contractions</p>	<p>Next Gen NCLEX Style Questions (PHLW: pp. 328,401).</p> <p>ATI Skills Module: Stages of Labor</p> <p>Next Gen NCLEX Style Questions (PHLW: pp. 388).</p> <p>Next Gen NCLEX Style Questions (PHLW: pp. 305).</p>	

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<ul style="list-style-type: none"> ii. Methods <ul style="list-style-type: none"> 1. Alternative Methods 2. Amniotomy 3. Membrane Stripping 4. Dilators 5. Cervidil 6. Prepidil 7. Cytotec 8. Oxytocin iii. Nursing Care <p>XXI. Complications of Labor and Delivery</p> <ul style="list-style-type: none"> A. Preterm Labor and Delivery <ul style="list-style-type: none"> i. Prevention ii. Diagnosis iii. Care Management B. Post term Pregnancy <ul style="list-style-type: none"> i. Risks ii. Care Management C. Dysfunctional Labor (Dystocia) <ul style="list-style-type: none"> i. Uterine ii. Abnormal Labor Pattern iii. Alterations in Pelvic Structure iv. Fetal Origin v. Shoulder Dystocia D. Obstetrical Emergencies <ul style="list-style-type: none"> i. Meconium- Stained Amniotic Fluid ii. Prolapsed Umbilical Cord iii. Uterine Rupture iv. Anaphylactoid Syndrome of Pregnancy (formerly Amniotic Fluid Embolus) E. Cord Insert & Placental Variations <ul style="list-style-type: none"> i. Velamentous insertion ii. Succenturiate placenta 	<p>Amniohook Amnicot Foley Bulb method</p> <p>Interactive Lecture: Guest Speaker</p>	<p>ATI Pharmacology Made Easy: “Drug Therapy that Induces Labor Contractions”</p> <p>Clinical Preparation: Complications of Labor and Postpartum Adaptations</p> <p>Next Gen NCLEX Style Questions (PHLW: pp. 416).</p> <p>ATI Video Case Study: “Complications of Pregnancy”</p>	

CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<ul style="list-style-type: none"> ii. Postpartum Infection iii. Thromboembolic Disease iv. Breast Complications v. Bladder Complications 			<p>Quiz</p> <p>EXAM Maternity Part III (Exam #8)</p>