

Covenant School of Nursing
Instructional Module 6 Learning Guide
Topic: Pregnancy at Risk

Learning Goals/Outcomes

Upon completion of this lesson, you will be able to:

- Describe the development and management of hemorrhagic conditions of pregnancy
- Discuss the effects and management of hyperemesis gravidarum
- Describe the development and management of hypertensive disorders of pregnancy
- Compare Rh and ABO incompatibility in terms of etiology, fetal and neonatal complications, and management
- Describe the effects of pregnancy on glucose metabolism, the physiology and management of the patient with preexisting diabetes mellitus and those with gestational diabetes
- Describe the effects of obesity, heart disease, anemia, immune complex and neurological disorders and the required management during pregnancy
- Discuss maternal, fetal and neonatal effects of the most common infections that may occur in pregnancy
- Explain abnormalities that may result in dysfunctional labor
- Analyze factors that increase a woman's risk for preterm labor
- Describe maternal and fetal risks associated with premature rupture of membranes
- Discuss intrapartum emergencies and appropriate interventions
- Apply the nursing process to complications of pregnancy and labor and delivery

Pre-Class Preparation

Required:

- Murray, S., Mckinney, E., Holub, K., & Jones, R. (2019). Foundations of Maternal-Newborn and Women's Health Nursing (7th ed.): Ch. 10 Complications of Pregnancy; Ch. 16 Intrapartum Complications
- HESI Comprehensive Review for the NCLEX-RN Examination (6th ed.): Ch. 6 Maternity Nursing: High-Risk Disorders Pgs. 240-253
- HESI Clinical Skills: Skills for Nursing Collection-Maternal Newborn Collection - review and complete the skills test
 - Deep Tendon Reflexes
 - Precipitous Delivery
 - Prolapsed Cord
 - Shoulder Dystocia
- HESI Case Studies-Maternal Newborn Collection
 - Ectopic Pregnancy
 - Gestational Diabetes
 - Preeclampsia

Additional Resources:

- Preeclampsia foundation website <http://www.preeclampsia.org/>
- CDC (Centers for Disease Control and Prevention): Diabetes and Pregnancy <http://www.cdc.gov/pregnancy/diabetes.html>
- Placental Abruption <https://www.youtube.com/watch?v=Z9dBS1xLQMc>
- Placenta Previa <https://www.youtube.com/watch?v=DMCowipIXgE>

Learning Activities

Classroom Activities:

- Lecture
- Case Study
- Videos

| | |
|--|--|
| Laboratory/Clinical Activities: <ul style="list-style-type: none"> Clinical/Community Rotations Out of Class/Computer Assisted Activities: <ul style="list-style-type: none"> HESI Clinical Skills-Maternal Newborn Collection <ul style="list-style-type: none"> Deep Tendon Reflexes Precipitous Delivery Prolapsed Cord Shoulder Dystocia HESI Case Studies-Maternal Newborn Collection <ul style="list-style-type: none"> Ectopic Pregnancy Gestational Diabetes Preeclampsia | |
| Evaluation Methods | |
| <ul style="list-style-type: none"> HESI Clinical Skills and Case Studies Quizzes Clinical Performance Evaluation HESI OB Proctored Exam Unit 4 Exam | |
| Texas DECS | QSEN Competencies |
| Knowledge I: A-1a,c, 2, 3; B-1a-e, 2a & b, 3, 7a-c, 8; C-2,3; D-1, 2, 3, 4 II: A-1a & b, 2a & b, 3, 4; B-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12; C-1a & b, 2a & b, 3, 4a & b, 5, 6, 7; D-1a-d, 3a & b, 4a-c, 5a & b; E-1a & b, 2, 3a & b, 4a & b, 5, 6a & b, 8, 9, 11a-c, 12, 13; F-2; G-1a & b, 2a & b, 3a & b; H-1, 3a & b III: A-1, 2, 3, 4, 5; B-1a & b, 2, 4; C-1, 2; D-1a-c; F-1a-c, 2 IV: A-1a & b, 2, 4a & b, 5a; B-1a & b, 2a & b, 4; C-1, 3, 4b, 5, 6, 8; D-1, 2; E-1a & b, 2; F-1, 3, 4a & b Clinical Judgment and Behaviors I: A-1, 2, 3a & b; B-2a, 3a-c, 4a, 5a, 6a-c; C-4, 5; D-3, 4, II: A-1, 2a & b, 3; B-1, 2, 3a & b, 4, 5, 6, 7, 8; C-1, 2, 3a & b, 4, 5, 6, 7; D-1, 2b & c; E-1, 2a-c, 3a & b, 4, 5a & b, 6c & d, 7a-c, 8,9, 10, 11, 12a & b, 13; F-1a-c, 2a & b, 3a & b, 4, 5a-c, 6; G-1, 2a & b, 3, 4, 5a & b, 6, 7; H-6 III: A-2, 3, 4, 5a; B-1, 2, 3a-c, 4, 5, 6, 8, 9; C-1, 2a & b, D-1, 2, 3; E-1, 3; F-1 IV: A-1, 2a; B-1a & b, 2, 3a-c, 5b; C-1a-c, 2a-c; D-1a-c, 2, 3, 4, 5, 6b, 7; E-1a-c, 2b & c, 3a & c | Patient Centered Care, Teamwork & Collaboration, Evidenced Based Practice, Safety, Informatics |
| IM Student Learning Outcomes | NCLEX Test Plan |
| 1/2/3/4/5/6/7/8 | Safe & Effective Care Environment, Health Promotion & Maintenance, Psychosocial Integrity, Physiological Integrity |
| Concepts | Faculty |
| Clinical Judgment/Communication/Health Promotion/Patient Education/Teamwork & Collaboration/Ethics & Legal Precepts/Evidence-Based Practice/Health Information Technology/Patient-Centered Care/Safety/Cellular Regulation/Clotting/Comfort/ Elimination/Fluid & Electrolyte Balance/Functional Ability/ Gas Exchange/Metabolism/Mobility/Nutrition/Perfusion/Reproduction/ Sleep/Thermoregulation/Coping/Grief/Human Development | Jeanette Gurley, MSN, RNC- NIC, RNC-OB, C-EFM |
| Date originated: 6/29/15 | Revision Dates: 11/16/15, 6/23/16, 12/1/16, 11/27/17, 5/4/18, 12/4/18, 1/16/20, 1/19/21 |

CSON Learning Guide (adopted 5-2015 by Faculty vote) - adapted from Smith, R. M. Conquering the Content. San Francisco: Jossey-Bass, 2008.