

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=DMCowiPlXgE>

Learning Activities

Classroom Activities:

- Lecture
- Case Study
- Videos

Laboratory/Clinical Activities:

- Clinical/Community Rotations Out of Class/Computer Assisted Activities: - HESI Clinical Skills-Maternal Newborn Collection - Deep Tendon Reflexes - Precipitous Delivery - Prolapsed Cord - Shoulder Dystocia - HESI Case Studies-Maternal Newborn Collection - Ectopic Pregnancy - Gestational Diabetes - Preeclampsia	
Evaluation Methods	
- HESI Clinical Skills and Case Studies Quizzes - Clinical Performance Evaluation - HESI OB Proctored Exam - Unit 4 Exam	
Texas DECs	QSEN Competencies
Knowledge IA1a-c, 2, 3, 4; IB1a-e, 2b, 3, 7a-c; IC2, 3, 4, 5a; ID5 IIA1a-b, 2a-c, 3, 4; IIB1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,12; IIC1a-b, 2a-b, 3, 4a-b, 6, 7, 8; IID1a-d, 2, 3a-b, 5a-b; IIE1a-b, 2, 3a-b, 4a-b, 5, 6a-b, 8, 9, 10, 11a-c, 12, 13; IIF1, 2; IIG1a-b, 2a-b, 3a-b IIH3c, 5; IIIA2, 4; IIIB1a-c, 2, 4;IVA4a-b, 5a; IVB1a-b, 2a-b, 3a-b, 4; IVC1, 2, 3, 4a-b, 5, 6, 7, 8; IVE: 4a; IVG4 Clinical Judgment and Behaviors IA1, 2, 3a-b; IB1, 2a-c, 3a-c, 5a & c, 6a-c, 7, 8, 9; IC2, 4, 5, 6a; IIA1, 2a-c, 3, 4; IIB1, 2, 3a-b, 4, 5, 6, 7, 8, 9a-b; IIC1, 2, 3a-b, 4, 5, 6, 7; IID1, 2a-d, 3a-c; IIE1, 2a-c, 3a-b, 4, 5a-b, 6a-d, 7a-c, 8, 9, 10, 11, 12a-b, 13; IIF1a-c, 2a-b, 3a-b, 4, 5a-c, 6; IIG1, 2a-b, 3, 4, 5a-b, 6, 7; IIH: 3, 6, IIIA2, 3, 4, 5a; IIIB1, 2, 3a-c, 4, 5, 8, 9; IIIC1, 2a-; IIIE1,IVA1, 2a-b, 3; IVB1a-b, 2a-b, 3a-c, 4b, 5a-b; IVC1a-c, 2a-c, 3a-b, 4; IVD:1a-c, 2a-c, 4; IVG4	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	Donna Neel, MSN, RNC-OB, C-EFM, CA/CP SANE, SFN-BC, SANE A, SANE P,
Date originated: 6/29/15	Revision Dates: 11/16/15, 6/23/16, 2/1/16, 11/27/17, 5/4/18, 12/4/18,1/16/20, 1/19/21, 5/17/21, 5/17/21, 1/31/22, 1/20/23