

**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 & ABO incompatibility in terms of etiology, fetal/neonatal complications, and management.
- Describe the glucose changes in pregnancy and management of pregnant diabetic patients.
- Analyze factors that increase a woman's risk for preterm labor.
- Describe the management of patients with complex health conditions during pregnancy.
- Discuss the maternal, fetal, and neonatal effects of the common infections occurring in pregnancy.
- Explain abnormalities that may result in dysfunctional 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

<ul style="list-style-type: none"> <li>▪ Precipitous Delivery</li> <li>▪ Prolapsed Cord</li> <li>▪ Shoulder Dystocia</li> <li>• HESI Case Studies-Maternal Newborn Collection <ul style="list-style-type: none"> <li>▪ Ectopic Pregnancy</li> <li>▪ Gestational Diabetes</li> <li>▪ Preeclampsia</li> </ul> </li> </ul>	
<b>Evaluation Methods</b>	
<ul style="list-style-type: none"> <li>• HESI Clinical Skills and Case Studies Quizzes</li> <li>• Clinical Performance Evaluation</li> <li>• HESI OB Proctored Exam</li> <li>• Unit 4 Exam</li> </ul>	
<b>Texas DECs</b>	<b>QSEN Competencies</b>
<b>Knowledge</b> 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 <b>Clinical Judgment and Behaviors</b> 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
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
1/2/3/4/5/6/7/8	Safe & Effective Care Environment, Health Promotion & Maintenance, Psychosocial Integrity, Physiological Integrity
<b>Concepts</b>	<b>Faculty</b>
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	<b>Donna Neel, MSN, RNC-OB, C-EFM, CA/CP SANE, SFN-BC, SANE A, SANE P,</b>
<b>Date originated: 6/29/15</b>	<b>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, 1/20/23,7/28/23, 12/29/23</b>

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