

**Covenant School of Nursing**  
**Instructional Module 6 Learning Guide**  
**Topic: Conception, Infertility & Fetal Development**

**Learning Goals, Outcomes**

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

- Describe settings in which the nurse may encounter couples with infertility problems and summarize the nursing role
- Explain factors that can impair a couple's ability to conceive and/or may cause repeated pregnancy losses
- Specify evaluations that may be done when a couple seeks treatment for infertility
- Explain procedures and treatments that may aid a couple's ability to conceive and carry fetus to viability
- Analyze ways in which infertility can affect a couple and their families
- Explain the implantation and nourishment of the embryo
- Describe normal prenatal development
- Explain structure and function of the placenta, umbilical cord, and fetal membranes
- Analyze the differences in monozygotic twinning and complications

**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. 2 pgs. 34-36 Ethics and Bioethics; Ch. 5 Conception and Fetal Development; Ch. 26 Infertility
- HESI Comprehensive Review for the NCLEX-RN Examination (6th ed.): Ch. 6 Maternity Nursing Fertilization pgs. 201-203 and Maternal Physiologic Changes during Pregnancy pgs. 203-206

Additional Resources:

Recommended:

Life Before Birth - In the Womb (1hr 42min) - <https://www.youtube.com/watch?v=0gAsdEUNUJY>

**Learning Activities**

Classroom Activities:

- Lecture
- Discussion

Laboratory, Clinical Activities:

- Clinical and Community Rotation

**Evaluation Methods**

- HESI OB Proctored Exam
- Unit 4 Exam

<b>Texas DECs</b>	<b>QSEN Competencies</b>
Knowledge IA: 2, 4; IB: 1c&e, 2b, 3, 4, 7b; IC: 2, 3; IIA:1a&b, 2a&b, 3, 4, IIB 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, IIC: 1a & b, 2a-c,4a&b, 5, 8; IID: 1a-d, 2, 3a; IIE: 1a&b, 2, 3a&b, 4a&b, 5, 6a, 7, 8, 9,11a-c,12, 13, IIF 1, 2; IIG: 1a&b , 2a&b, 3a&b, IIH 3c; IIIB 1a-c, 2; IIID 1a-c; IVA: 4a&b, 5a, IVB 1a&b, 2a&b 3b; IVC 1a-c, 2a-c, 3, 5, 7; IVE 2c&d; IVG 4; Clinical Judgment IA: 1, 2, 3a&b; IB:1, 2a-c, 3a-c, 5a&c, 6a-c, 7, 8, 9; IC 5, 6a-b; IIA: 1, 2a-c, 3; IIB 1, 2, 3a&b, 4, 5, 6, 7, 8, 9a&b, IIC 1, 2, 3a, 4, 6, 7, IID 1, 2a-d, 3a-c; IIE: 1, 2a&c, 3b, 4, 5a & b, 6a&b, 7b&c, 8, 9, 10, 11, 12a&b,13; IIF: 1a-c, 2a&b, 3a&b, 4, 5a-c, 6, IIG 1, 2a&b, 3, 4, 5a&b, 6, 7; IIH: 3, 6; IIIA 2, 3, 4, 6; IIIB: 1, 2, 3a-c, 4, 5; IIIC: 1,2a & b; IVA 1, 2a & b, 3; IVB 1a&b, 2, 3a-c, 5a; IVC 1a-c, 2a-c, 3a&b, 4; IVD 1a-c, 2b, 4; IVG 4	Safety Patient Centered Care, Teamwork & Collaboration, Evidence Based Practice, Safety
<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, Ethics & Legal Precepts, Evidence-Based Practice, Health Information Technology, Patient-Centered Care, Safety, Cellular Regulation, Comfort, Nutrition, Reproduction, Coping, Grief, Human Development	<b>Jeanette Gurley, MSN, RNC-NIC, RNC-OB, C-EFM</b>
<b>Date originated: 6-29-15</b>	<b>Revision Dates: 11/13/15, 5/26/16, 12/1/16, 11/27/17, 5/4/18, 12/4/18, 1/16/20, 1/19/21,5/10/21, 131/22</b>

*Instructional Module 6* **Topic: Conception, Infertility & Fetal Development** *cont'd*

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