

**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 that 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 the 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>
<p>Knowledge            IA 1a-c, 2, 3, 4, IB 1a-d, 2a &amp; b, 3, 4, 7a-c, 8, IC 2, 3, ID 1, 3, 4,            IIA 1a &amp; b, 2a &amp; b, 3, 4, IIB 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, IIC 1a &amp; b, 2a &amp; b, 3, 4a &amp; b, 5, 6, 7, 8, IID 1a-e, 2, 3a &amp; b, 4a-c, 5a &amp; b, IIE 1a &amp; b, 2, 3a &amp; b, 4a &amp; b, 5, 6a &amp; b, 7, 8, 9, 10, 11a- c, 12, 13, IIF 1, 2, IIG a &amp; b, 2a &amp; b, 3a &amp; b, IIH 3a &amp; b, 4a &amp; b, 5, 6, 7            IIIA1, 2, 3, 4, 5, 6, IIIB 1a &amp; b, 2, 3, 4, 5, IIIC 1, 2, IIID 1a-c,            IVA 1a &amp; b, 2, 3a &amp; b, 4a &amp; b, 5a &amp; b, IVB 1a &amp; b, 2 a &amp; b 3a &amp; b, 4, IVC 1, 2, 3, 4a &amp;b, 5, 6, 7, 8 IVD 1, 2, 3a, 4, IVE 1a &amp;b, 2, 3, IVF 3, 4a &amp; b, IVG 1, 2, 3a-c, 4a &amp; b.            Clinical Judgment            IA 1, 2, 3a &amp; 3b, IB 2a-c, 3 a-c, 5a &amp;c,6a-c, 7, 8 &amp; 9, IC 2, 3a &amp; b, 5, 6a-b, I D 1-5            IIA 1, 2a-b, 3, 4, IIB 1, 2, 3a &amp; b, 4, 5, 6, 7, 8, 9, IIC 1, 2, 3a &amp; b, 4, 5, 6, 7, IID 1, 2a-d, 3a-c, 4, IIE 1, 2a-d, 3a &amp; b, 4, 5a &amp; b, 6a-d, 7a-c, 8, 9, 10, 11, 12a &amp; b, 13, IIF 1a-c, 2a &amp; b, 3a &amp; b, 4, 5a-c, 6, IIG 1, 2a &amp; b, 3, 4, 5a &amp; b, 6, 7, 8, IIH 1, 2, 3, 4, 5a &amp; b, 6,            IIIA 2, 3, 4, 5a &amp; b, 6, 7, IIIB 1, 2, 3a-c, 4, 5, 6, 7, 8, 9, IIIC 1, 2a &amp; b, 3, IIID 1, 2, 3, IIIE 1, 3, IIIF 1, 2, 3a,            IVA 1, 2a &amp; b, 3, IVB 1a &amp; b, 2, 3a-c, 4a &amp; b, 5a &amp; b, IVC 1a-c, 2a-c, 3a &amp; b, 4, IVD 1a-c, 2, 3a &amp; b, 4, 5, 6a &amp; b, 7, IVE 1a-d, 2a-c, 3a-c, 4, IVF 1a-c, 2, IVG 1, 2, 3a &amp; b, 4</p>	<p>Safety Patient Centered Care, Teamwork &amp; Collaboration, Evidence Based Practice, Safety</p>
<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</b>

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