Breastfeeding Physiology

Content Outline

1. Mammary Epithelial Cells
   A. Secretory differentiation
   B. Secretory transport routes and pathways

2. Breast Anatomic and Physiologic Changes
   A. Puberty
   B. Non-pregnant adult state
   C. Pregnancy
   D. During lactation
   E. Post lactation
   F. Menopause

3. Hormonal Regulation of Breastfeeding
   A. Prolactin
   B. Oxytocin
   C. Estrogen
   D. Progesterone
   E. Withdrawal of pregnancy hormones

4. Breastmilk Composition

5. Breastfeeding Benefits
   A. Mother
   B. Infant

6. Factors Related to Lactation Delay or Disruption

Reading Material Resources

Module WB1902: Breastfeeding Physiology is based on the resources listed below. A copy of each resource is included with the module.


The Nuts and Bolts of Breastfeeding Anatomy and Physiology of Lactation, Sriraman, Natasha, Current Problems in Pediatric Adolescent Health Care, December 2017, 305-320