

## Male & Female Infertility

### Objectives

- Definition of infertility
- Describe epidemiological facts of infertility
- Discuss the etiology of infertility
- Compare and contrast evaluation of infertility in men vs. women
- Review management strategies to treat infertile couples

### Content Outline

1. Infertility
  - A. Definition and epidemiology
  - B. Causes
    1. Female factor
    2. Male factor
    3. Unidentifiable cause
2. Evaluation of Infertile Woman
  - A. History and physical examination
  - B. Hormonal testing
  - C. Ovulation detection
3. Evaluation of Infertile Male
  - A. History and physical examination
  - B. Hormonal testing
  - C. Semen analysis
  - D. Genetic testing
4. Management
  - A. Ovulation stimulation
  - B. In vitro fertilization
  - C. Preimplantation genetic diagnoses
  - D. Treatment of underlying disease
  - E. Treatment of varicoceles

### Reading Material Resources

**Module WB2032: Male & Female Infertility** is based on the resources listed below. A copy of each resource is included with the module.

A Review of Infertility for the Primary Care Provider, Lindahl, Sarah, Physician Assistant Clinics, 3, (2018), 423-432

Male Infertility, Lindgren, Mark, Physician Assistant Clinics, 3, (2018), 139-147