

## Addressing Infertility

### Objectives

- Define infertility
- Describe the steps of an infertility work up
- Review initial pharmacologic options to address infertility
- Discuss the effects of endometriosis on fertility
- Summarize the treatment for endometriosis-associated infertility
- Identify medically-assisted reproductive approaches in women with endometriosis

### Content Outline

1. Patient History
  - A. Definition of infertility
  - B. Medical and lifestyle history
  - C. Past and present health status
2. Physical Examination and Laboratory Studies
3. Initial Treatments
4. When to Refer
5. Endometriosis and Infertility
  - A. Effects of endometriosis and fertility
    1. Female reproductive anatomy and function
    2. Male reproductive anatomy and function
  - B. Treatment for endometriosis-associated infertility
    1. Expectant management
    2. Hormonal therapies
    3. Surgery
  - C. Medically assisted reproduction in women with endometriosis
    1. Intrauterine insemination
    2. Assisted reproductive technology procedures
      - a. GnRH analogues
      - b. Surgery

### Reading Material Resources

**Module WB2429: Addressing Infertility** is based on the resources listed below. A copy of each resource is included with the module.

Infertility management in primary care, Thabe, et al., *The Nurse Practitioner*, Vol. 45, No. 5, May 2020, 48-54

Endometriosis and Infertility, Skorupskaite, et al., *Obstetrics, Gynaecology and Reproductive Medicine* 31:5, Elsevier, 2021, 132-136