



**University of Benghazi**

**Faculty of medicine**



**Gynecology & Obstetrics department**

### **Gynecology & Obstetrics Course description**

The gynecology and obstetrics course is one of the basic requirements of the human medical program, it is taught in the fourth year. The number of study hours is 266 hours.

The course aims to provide the students with the basic knowledge, skills, and attitudes which enable them to identify, analyze, manage gynecological and obstetric problems in order to provide efficient, cost-effective patient care. Provide the student with an appropriate background to detect and manage common and essential gynecological and obstetric emergencies and malignancies. Acquire the skills to provide basic health care for women in different age groups (prepubertal, pubertal, childbearing, premenopausal, and menopausal). Ensure that students have essential communication skills and team dynamics to provide patient care. Enable the students to acquire and maintain abilities necessary for self-learning and lifelong learning. Enable the development and application of appropriate ethical considerations for patient management.

#### **Learning Outcomes :**

##### **Knowledge and understanding:**

1. Explain basic physiological changes associated with pregnancy occurring in each trimester and the basic principles of antenatal care
2. Discuss the common presentations, pathophysiology of gynecological and obstetric disorders, the investigations used to diagnose them, and their differential diagnosis
3. Explain management of common gynecological and obstetric problems
4. Discuss different family planning methods and contraception techniques

##### **Intellectual skills:**

1. Integrate basic anatomical, physiological and pathological knowledge with clinical data for gynecological problems
2. Generate a priority list of differential diagnosis for both gynecological and obstetric disorders
3. Interpret results of investigation (either biomedical or imaging) to construct a management plan
4. Formulate a case summary

5. Design management plan for emergency patients and common diseases requiring long-term follow-up

### **Practical and Professional skills**

1. Obtain a comprehensive and focused gynecological and obstetric history
2. Perform gynecological and obstetric examination to elicit physical signs and to determine fetal age
3. Conduct labor in simulated situations
4. Present a summary of a case scenario

### **General and transferable skills:**

1. Communicate effectively with patients, and their relatives, colleagues and senior doctors.
2. Be an influential part of a teamwork and aware of team dynamics
3. Manage their time effectively
4. Consider ethical issues when dealing with gynecological and obstetric patients
5. Communicate effectively by conducting PowerPoint presentation

### **Teaching and learning methods:**

- Interactive Lecture,
- Clinical Skill lab
- Tutorial (Small group discussion),
- Case-base discussion
- Flipped-classroom
- Blended learning

### **Students Assessment methods:**

- MCQs, SBA
- Slide examination
- Clinical long case
- OSCE exam

### **References**

1. Obstetrics & by ten teachers Louise C Kenny Jenny E Myers 20th 2017 Taylor and Francis group
2. Gynecology by ten teachers Helen Bickerstaff Louise C Kenny 20th 2017 CRC press
3. Fundamental of obstetrics & gynecology Jeremy Oats and Susanne Abraham 10th 2016 Elsevier
4. Obstetrics and the newborn, An illustrated textbook NA Beischer EV Mackary PB Colditz Bailliere Tindall