

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Gynecology and Obstetrics I (Junior)
Course number	MDCN5811
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	8
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Understand the normal anatomy and physiology of the female reproductive system, including the menstrual cycle, conception, pregnancy, and childbirth.
- 2 - Recognize and manage high-risk pregnancies, including complications such as gestational diabetes, preeclampsia, and multiple pregnancies.
- 3 - Acquire knowledge and skills related to antenatal care, including prenatal screening, ultrasound examination, and management of common pregnancy-related issues.
- 4 - Develop proficiency in conducting normal deliveries and managing obstetric emergencies, such as postpartum hemorrhage, shoulder dystocia, and fetal distress.
- 5 - Demonstrate effective communication skills and provide compassionate care to women, respecting their autonomy, privacy, and cultural beliefs.
- 6 - Identify and manage common gynecological conditions such as menstrual disorders, pelvic pain, infections
- 7 - Provide counseling and education on contraception methods, their mechanisms of action, effectiveness, and appropriate use.

Intended Learning Outcomes

Knowledge and Understanding

- * Demonstrate a comprehensive understanding of the normal anatomy and physiology of the female reproductive system.
- * Explain the etiology, pathophysiology, and natural history of common gynecological conditions and obstetric complications.
- * Describe the principles and indications for various diagnostic procedures, medical treatments, and surgical interventions in OB/GYN.
- * Perform a thorough history and physical examination of women, including gynecological and obstetric evaluations.
- * Recognize and interpret findings from diagnostic tests, such as laboratory investigations, imaging studies, and fetal monitoring.
- * Demonstrate proficiency in conducting normal vaginal deliveries and managing common obstetric emergencies
- * Provide comprehensive antenatal care, including risk assessment
- * Manage high-risk pregnancies and complications effectively, ensuring the well-being of both the mother and fetus
- * Demonstrate effective communication skills when interacting with patients, families, and healthcare teams.
- * Provide counseling and education on contraception methods, their mechanisms of action, effectiveness, and appropriate use.

Course Contents

- 1 - Introduction : includes overview of the field of obstetric and gynecology, history-taking, physical examination, and ordering and interpreting relevant investigations.
- 2 - Lectures: Didactic lectures covering essential topics in obstetric and gynecology
- 3 - Attending In-patient Floors and learn clinical assessment, examination and management methods supervised by consultants and fellows
- 4 - Attending the delivery room and learn clinical assessment , examination and management of normal labour, attending operative deliveries and caesarean sections
- 5 - Attending in operation theatres for observing gynaecological procedures & operations.

Teaching and Learning Methods

- 1 - Didactic Lectures: Lectures are used to deliver foundational knowledge and theoretical concepts in OB/GYN. Faculty members present information on anatomy, physiology, pathophysiology, and management approaches through structured presentations. Lectures may include multimedia resources, case discussions, and interactive elements to engage students.
- 2 - Problem-Based Learning (PBL): PBL is an active learning approach that involves presenting students with clinical scenarios or problems related to OB/GYN. Students work in small groups to identify and analyze the issues, develop hypotheses, and propose solutions based on available evidence. Facilitators guide the process and stimulate discussion and self-directed learning.
- 3 - Clinical Skills Training: Clinical skills training focuses on developing practical skills essential for OB/GYN practice
- 4 - Simulation-Based Training: Simulation-based training involves using simulated patient scenarios, mannequins, and task trainers to replicate clinical situations
- 5 - Clinical Rotations and Clerkships: Clinical rotations and clerkships provide students with direct exposure to patient care in OB/GYN settings. Under supervision, students participate in obstetric and gynecological evaluations, prenatal care, labor and delivery, and postpartum care. They engage in clinical discussions, observe procedures, and learn from experienced clinicians.
- 6 - Case-Based Learning: Case-based learning involves presenting students with real or hypothetical patient cases that require analysis and problem-solving. Students review medical records, interpret diagnostic tests, and formulate management plans based on the presented cases

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Theoretical MCQ exam	2 hrs	50
OSCE Static	1 hr	15
OSCE Dynamic	1 hr	25
Clinical rotation attendance	6 weeks.	10

Books and References

Course note	Hacker & Moores Essentials of Obstetrics and Gynecology
	Illustrated obstetrics and Gynaecology