



Jordan University of Science and Technology
Faculty of Medicine
Doctor Of Medicine (Md) Department

MED510 Obstetrics & Gynecology (1) - JNQF Level: 6

First Semester 2023-2024

Course Catalog

9 Credit Hours. Sixth-year medical students spend 8 weeks in the obstetrics and gynecology department offered at six teaching hospitals. The course includes daily medical rounds and discussions, where initially students will spend about 60 minutes taking history from inpatients in the ward and labor suite, and then they perform physical examinations and sometimes they review patient records to see the management patients had in the hospital. Afterward, students will have a 90-minute session where these cases will be discussed in small sub-groups with the instructors. Students rotate in 6th different hospitals during the course including: 1. Al-Ramtha Hospital 2. Princess Badeeah Teaching Hospital (PBH) 3. King Abdulla University Hospital (KAUH) 4. Al-Mafraq government Hospital 5. Princess Haya Military Hospital 6. Prince Rashid Ben Al-Hasan Military Hospital The course also includes about 20 hours of afternoon seminars presented by the students that cover the main topics in obstetrics and gynecology. In general, students will spend 50% of the clerkship gaining exposure to pregnancy/obstetrics; and 50% of the clerkship gaining exposure to gynecologic problems. The students are expected to generate a problem list or differential diagnosis for common obstetrics and gynecology complaints and to know how to reach a diagnosis by rationale utilization of laboratory and imaging facilities.

Text Book

Title	Essentials of Obstetrics and Gynecology
Author(s)	Hacker & Moore's
Edition	6th Edition
Short Name	Essentials of Obstetrics and Gynecology
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Obstetrics by Ten Teachers	Obstetrics by Ten Teachers	Louise C Kenny, Jenny E. Myers	20th Edition	
Gynecology by Ten Teachers	Gynecology by Ten Teachers	Helen Bickerstaff, Louise C Kenny	20th Edition	

Williams Gynecology	Williams Gynecology	Barbara L. Hoffman, John Schorage	4th Edition	
Williams Obstetrics	Williams Obstetrics	F. Gary Cunningham	26th Edition	

Instructor	
Name	Prof. Jehan Hamadneh
Office Location	-
Office Hours	
Email	jmhamadneh@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: U : - Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Management of obstetrics hemorrhage, approach to fetal anomalies, abnormal labour, instrumental delivery	From Essentials of Obstetrics and Gynecology , From Obstetrics by Ten Teachers , From Williams Obstetrics
Week 2	contraception, management of abnormal uterine bleeding	From Essentials of Obstetrics and Gynecology , From Gynecology by Ten Teachers , From Williams Gynecology
Week 3	thrombophilia and recurrent miscarriage, management of infertile couple	From Essentials of Obstetrics and Gynecology , From Gynecology by Ten Teachers , From Williams Gynecology
Week 4	management of abdominal pain in pregnancy, management of obstetrics emergencies, cardiotocogram(CTG)	From Essentials of Obstetrics and Gynecology , From Obstetrics by Ten Teachers , From Williams Obstetrics
Week 5	management of early pregnancy bleeding, management of patient with abnormal cervical smear	From Essentials of Obstetrics and Gynecology , From Gynecology by Ten Teachers , From Williams Gynecology

Week 6	management of pelvic masses, principles of gynecological surgeries	From Essentials of Obstetrics and Gynecology , From Gynecology by Ten Teachers , From Williams Gynecology
Week 7	cesarean section, management of PET, eclampsia	From Essentials of Obstetrics and Gynecology , From Obstetrics by Ten Teachers , From Williams Obstetrics

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Develop competence in the medical history and physical examination of women in order to construct differential diagnosis list [1PLO2] [1L6S1]	15%	End-rotation OSCE, Final oral exam, Clinical assessment during rotation
Recall management of normal pregnancy, labor, delivery and puerperium to differentiates abnormalities and to know the effect on maternal and fetal health [1PLO1, 1PLO4, 1PLO6] [1L6K1]	15%	End-rotation OSCE, End-rotation miniOSCE, Final written exam, Final oral exam
Students will be able to develop a thorough understanding for common gynecology diseases, including common benign gynecology, urogynecology, infertility and reproductive medicine and gynecologic oncology to apply clinical findings to develop an appropriate diagnosis and propose a management plan [1PLO1, 1PLO4, 1PLO6] [1L6K1]	15%	End-rotation OSCE, End-rotation miniOSCE, Final written exam, Final oral exam
Identify common obstetrics and gynecological emergencies and to formulate appropriate management plans to be prepared to face these cases and manage them [1PLO1, 1PLO3] [1L6K1]	15%	End-rotation OSCE, End-rotation miniOSCE, Final written exam, Final oral exam
Build communication skills and appropriate behavior that is needed to interact with patients, colleagues and staff member [1PLO13] [1L6C5]	15%	Clinical assessment during rotation
Perform a literature search on a given topic, formulate a presentation using PowerPoint, and make an oral presentation to colleagues to achieve and improve the clinical competencies [1PLO9, 1PLO10] [1L6C1, 1L6C2]	10%	Clinical assessment during rotation
Students will be able to demonstrate counseling skills of patients with common obstetrics and gynecological problems to provide competent health care [1PLO12, 1PLO13] [1L6S1]	15%	End-rotation OSCE, Final oral exam

Relationship to Program Student Outcomes (Out of 100%)													
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12	PLO13	PLO14
17.5	15	7.5	10		10			5	5		7.5	22.5	

Relationship to NQF Outcomes (Out of 100%)				
L6K1	L6S1	L6C1	L6C2	L6C5
45	30	5	5	15

Evaluation	
Assessment Tool	Weight
End-rotation OSCE	15%
End-rotation miniOSCE	15%
Final written exam	40%
Final oral exam	10%
Clinical assessment during rotation	20%

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