



## Course Specifications

<b>Course Title:</b>	Obstetrics and Gynecology
<b>Course Code:</b>	GYN482
<b>Program:</b>	Bachelor of Medicine, Bachelor of Surgery (MBBS)
<b>Department:</b>	NA
<b>College:</b>	College of Medicine
<b>Institution:</b>	Alfaisal University

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## A. Course Identification

<b>1. Credit hours:</b> 9 (2+14+0)
<b>2. Course type</b>
a. University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> Sem 7/8, Year 4
<b>4. Pre-requisites for this course (if any):</b> Sem 5 and 6
<b>5. Co-requisites for this course (if any):</b> None

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	38	31%
2	Student presentations, CPCs, Bed-side teaching, Case presentations, Clinics, Rounds, Small group teachings	85	69%

### 7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	38
2	Laboratory/Studio	
3	Tutorial	85
4	Others	
	<b>Total</b>	123

## B. Course Objectives and Learning Outcomes

### 1. Course Description

This rotation provides students with exposure and experience in the inpatient and outpatient settings of the Obstetrics and Gynecology clinic, wherein they get to evaluate presentations of the common problems in this field. Organized interactive learning sessions, along with patient exposure, will cover topics including Pregnancy and Labor, Fertility and Reproductive Endocrinology, Benign and Malignant Gynecological Malignancies. Emphasis will be placed on developing proper Ob/Gyn history taking skills and performing appropriate physical examinations to come up with a list of differential diagnoses.

### 2. Course Main Objective

The main objective of this rotation is to learn and practice basic clinical skills, clinical reasoning, communication skills and knowledge in the field of Obstetrics & Gynecology.

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
<b>1</b>	<b>Knowledge and Understanding</b>	
1.1	Explain, manage, and knowledge of basic care of pregnant women.	PLO8, 12
1.2	List the common presentations of gynecological disorders.	PLO1, 8,22
1.3	Explain the pathophysiology of common gynecologic problems.	PLO1,4,8,22, 30
1.4	List the diagnostic criteria of common gynecologic problems.	PLO5, 8, 16,22
1.5	Acquisition of the knowledge necessary for the diagnosis and initial management of common gynecologic problems.	PLO4,5, 6, 8, 12,16,17
1.6	Plan the management of common gynecological problems.	PLO4,6,8, 12,22
1.7	Plan the management of common obstetric problems.	PLO6,8, 12,22
<b>2</b>	<b>Skills :</b>	
2.1	Take detailed obstetric and gynecologic history.	PLO13,18
2.2	Perform and develop competency in the general and gynecologic physical examination.	PLO14,15,18
2.3	Perform and develop competency in the physical examination of pregnant women.	PLO14,15
2.4	Interpret lab investigations.	PLO5
2.5	Develop and demonstrate clinical problem-solving skills in obstetric and gynecologic patients.	PLO18,28
2.6	Develop strategies for health promotion as well as disease prevention.	PLO19,20,21
2.7	Generate differential diagnosis in gynecological patients.	PLO8,16
<b>3</b>	<b>Values:</b>	
3.1	Adhere to the attendance policy.	
3.2	Demonstrate interpersonal skills necessary to maintain professionalism, communicate appropriately with patients, their families, and other medical and paramedical personnel involved in patient care.	PLO24,25,27, 28

### C. Course Content

No	List of Topics	Contact Hours
1	<b>Basic Science in Obstetrics and Gynecology</b> Applied anatomy of the female genital system, bony pelvis & pelvic floor Early embryological development/ Teratogenicity Physiology of the Menstrual Cycle and Ovulation Physiological changes in Pregnancy Mechanism of labor/ Management of normal labor Obstetric and Gynecologic history and examination Pelvic examination practice	15
2	<b>Normal Pregnancy and Labor</b> Cesarean Section and Operative Vaginal Delivery Fetal Monitoring/ Assessment of Fetal well-being Antenatal Imaging/ Prenatal Screening and Diagnosis Multiple Pregnancy	17

	<p>Abnormal Presentation and Breech Puerperium and Puerperal Disorders Breast feeding/ Baby Friendly Hospitals Antenatal Care and Postpartum Care</p>	
3	<p><b>Benign Gynecology</b> Gestational Trophoblastic Disease Vulvar and vaginal pathology Urogynecology and Genital Prolapse Microbiology for Obstetrics &amp; Gynecology Lower Genital Tract Infections and Vaginal Discharge PID and pelvic pain Abnormal Uterine Bleeding: DUB, Menorrhagia Uterine Fibroid Bleeding in Early Pregnancy, Miscarriage, Recurrent miscarriage, Ectopic pregnancy</p>	20
4	<p><b>Abnormal Pregnancy and Delivery</b> Obstetric Emergencies Hypertensive Disorder in Pregnancy Late miscarriage, Preterm Labor and PROM Antepartum Hemorrhage IUGR and IUFD Poor Progress in Labor/ Cephalopelvic Disproportion Postpartum Hemorrhage Preconception care Induction of Labor, Post-term Pregnancy</p>	19
5	<p><b>Medical Diseases in Pregnancy</b> Neurological Disease in Pregnancy Cardiac Diseases in Pregnancy Hematological Disorders in Pregnancy Autoimmune Diseases in Pregnancy Diabetes and Thyroid Disorders in Pregnancy Renal Diseases in Pregnancy Perinatal Infections Psychiatric Disorders and Pregnancy Common Obstetric Complications</p>	19
6	<p><b>Reproductive Endocrinology, Infertility and Family Planning</b> Dysmenorrhea and PMS, Endometriosis and Adenomyosis Normal, Precocious and Delayed Puberty, Abnormal Sexual Development PCO and Hirsutism Primary &amp; Secondary Amenorrhea Menopause and Osteoporosis Infertility Contraception</p>	17
7	<p><b>Gynecological Malignancies</b> Cervical Intraepithelial Neoplasia &amp; Cervical cancer Benign and Malignant Ovarian disease Uterine Cancer and Postmenopausal Bleeding Evaluation and Management of Pelvic mass Suturing techniques Gynecologic Surgical procedures: Laparoscopy, Laparotomy, Hysterectomy</p>	16

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	<b>Knowledge and Understanding</b>		
1.1	Explain, manage, and knowledge of basic care of pregnant women.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation	Continuous, formative and summative assessment
1.2	List the common presentations of gynecological disorders.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation	Continuous, formative and summative assessment
1.3	Explain the pathophysiology of common gynecologic problems.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation	Continuous, formative and summative assessment
1.4	List the diagnostic criteria of common gynecologic problems.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation	Continuous, formative and summative assessment
1.5	Acquisition of the knowledge necessary for the diagnosis and initial management of common gynecologic problems.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation, clinic-pathological conferences (CPCs)	Continuous, formative and summative assessment
1.6	Plan the management of common gynecological problems.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation, clinic-pathological conferences (CPCs)	Continuous, formative and summative assessment

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.7	Plan the management of common obstetric problems.	Lectures, small group teaching, bed-side teaching, bed-side examination, case presentation, students' presentation, clinic-pathological conferences (CPCs)	Continuous, formative and summative assessment
<b>2.0</b>	<b>Skills</b>		
2.1	Take detailed obstetric and gynecologic history.	Bed-side teaching, bed-side examination, case presentation	Formative and summative assessment
2.2	Perform and develop competency in the general and gynecologic physical examination.	Bed-side teaching, bed-side examination, case presentation	Formative and summative assessment
2.3	Perform and develop competency in the physical examination of pregnant women.	Bed-side teaching, bed-side examination, case presentation	Formative and summative assessment
2.4	Interpret lab investigations.	Bed-side teaching, bed-side examination, case presentation	Formative and summative assessment
2.5	Develop and demonstrate clinical problem-solving skills in obstetric and gynecologic patients.	Bed-side teaching, attending clinics, rounds	Formative and summative assessment
2.6	Develop strategies for health promotion as well as disease prevention.	Lectures, small group teaching, students' presentation	Summative assessment
2.7	Generate differential diagnosis in gynecological patients.	Bed-side teaching, bed-side examination, case presentation	Formative and summative assessment
<b>3.0</b>	<b>Values</b>		
3.1	Adhere to the attendance policy.		Formative and summative assessment
3.2	Demonstrate interpersonal skills necessary to maintain professionalism, communicate appropriately with patients, their families, and other medical and paramedical personnel involved in patient care.	Bed-side teaching, bed-side examination, attending clinics, rounds	Continuous, formative and summative assessment

## 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Student presentations	2-6	2%
2	Clinico-pathologic conference	2-8	1%
3	Case discussion/ Bed-side teaching	1-8	3%
4	Case presentation	1-8	2%
5	Participation in clinics	1-8	2%

#	Assessment task*	Week Due	Percentage of Total Assessment Score
6	Bed-side examination – 2 cases	1-8	10%
7	Final Exam (including OSCE)	9	80%

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

### Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

The CoM program established its own mentorship program that employs all full-time faculty as mentors. Through this program, every medical student in the program is assigned a mentor at the beginning of their first semester of studies. The program has a broad scope covering academic advising and counseling. The mentors handle all aspects related to academic advising, including academic planning, academic performance review, advice on course drop or withdrawal, study skills, and time management.

## F. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	<ul style="list-style-type: none"> <li>• <b>Hacker &amp; Moore's Essentials of Obstetrics and Gynecology</b>, By: Neville F. Hacker, Joseph C. Gambone DO, Calvin J. Hobel</li> <li>• <b>Current Obstetric &amp; Gynecological Diagnosis &amp; Treatment</b>, By: Alan H. DeCherney, Lauren Nathan</li> <li>• <b>Obstetrics by Ten Teachers</b>, By: Professor Philip N. Baker, Dr. Louise Kenny</li> <li>• <b>Gynaecology by Ten Teachers</b>, By: Ash Monga, Dr. Stephen P. Dobbs</li> </ul>
<b>Essential References Materials</b>	<b>Journals:</b> <ul style="list-style-type: none"> <li>• Current Opinion in Obstetrics &amp; Gynecology</li> </ul>
<b>Electronic Materials</b>	PowerPoint presentations uploaded on Alfaisal E-learning Portal  <b>Electronic databases</b> <ul style="list-style-type: none"> <li>• UpToDate</li> <li>• Pubmed</li> </ul>
<b>Other Learning Materials</b>	

### 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms
<b>Technology Resources</b>	AV (Audio-Visual), Smartboard, Moodle (E-learning Management)



Item	Resources
(AV, data show, Smart Board, software, etc.)	
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

### G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course and Faculty Evaluation Survey	Students	Survey

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

### H. Specification Approval Data

Council / Committee	
Reference No.	
Date	