



Course Specifications

Course Title:	Reproductive and Breast Block
Course Code:	REP363
Program:	Bachelor of Medicine, Bachelor of Surgery (MBBS)
Department:	NA
College:	College of Medicine
Institution:	Alfaisal University

Table of Contents

A. Course Identification	3
6. Mode of Instruction (mark all that apply)	3
B. Course Objectives and Learning Outcomes	3
1. Course Description	3
2. Course Main Objective.....	3
3. Course Learning Outcomes	4
C. Course Content	4
D. Teaching and Assessment	5
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods	5
2. Assessment Tasks for Students	6
E. Student Academic Counseling and Support	6
F. Learning Resources and Facilities	6
1. Learning Resources	7
2. Facilities Required.....	7
G. Course Quality Evaluation	8
H. Specification Approval Data	8

A. Course Identification

1. Credit hours: 2 (1+2+0)
2. Course type
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"/>
3. Level/year at which this course is offered: Sem 6, Year 3
4. Pre-requisites for this course (if any): Sem 3 and 4
5. Co-requisites for this course (if any): None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	20	36%
2	PBL, LGD, CPC	35	64%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	20
2	Laboratory/Studio	
3	Tutorial	35
4	Others (specify)	
	Total	55

B. Course Objectives and Learning Outcomes

1. Course Description

The Reproductive Block in Year 3 is an interdisciplinary curriculum designed to integrate basic sciences, clinical medicine, and professional skills relevant to the reproductive system and breast. The block would employ instructional formats consisting of lectures, Problem Based Learning (PBL), Large Group Discussions and clinical skill sessions, and Clinico-Pathological Correlation (CPC).

The block covers the learning and understanding of the pathological disorders of the reproductive system and breast. Such conditions include infections, neoplasms, and obstetric conditions related to the reproductive age. Pharmacological management of most conditions covered in the block will be highlighted. The learning process will be complemented by problem-based learning discussing common clinical scenarios encountered in the future.

2. Course Main Objective

To integrate basic sciences, clinical medicine, and professional skills relevant to the reproductive system and breast and to cover the learning and understanding of the pathological disorders of the reproductive system and breast.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Relate the gross and microscopic features of female genital tract with the pathophysiology in regulation of female genital tract disorders and normal labor.	PLO1,2
1.2	Explain the etiology, pathophysiology, clinical features and diagnostic workup of common gynecological and breast-related conditions.	PLO4,5,6,7,8, 16,17,30
1.3	Explain the mechanism of action of drugs used in the management of common obstetrics and gynecological conditions, fertility control, and infertility.	PLO4,5,6,7,8, 16,30
1.4	Explain the etiology, pathophysiology, clinical features and diagnostic workup of common obstetric disorders and screening program.	PLO4,5,6,7,8, 16,17
1.5	Illustrate the principles of antenatal, postnatal care and stages of labor.	PLO4,5,6,7,8, 9,16,17
1.6	Distinguish the microbiological infections related to the female genital tract.	PLO4,5,6,7,8, 16
1.7	Correlate the immunological processes related to the pregnancy with Immuno-diagnosis and immunotherapy in cancer.	PLO4,5,6,7,8, 16
1.8	Identify important normal / abnormal findings in ultrasound in pregnancies and common radiological findings in breast and female genital tract disorders.	PLO4,5,6,7,8, 17
2	Skills :	
2.1	Differentiate common pathological features of common obstetrics and gynecological disorders on microscopic pictures.	PLO8,16
2.2	Demonstrate clinical reasoning through correlating clinical findings and common investigations related to obstetrics and gynecological disorders.	PLO8,12,18
2.3	Obtain an accurate and comprehensive history of the patient suffering from reproductive disorders.	PLO5,18
2.4	Perform a complete Physical examination of the breast and female reproductive system.	PLO5,18
3	Values:	
3.1	Approach patients in a humane and sympathetic manner.	PLO5
3.2	Extract important information from the patients in methodical and respectful way.	PLO5
3.3	Resolve problems through collaborative work with colleagues and mentors.	PLO5
3.4	Adhere to the attendance policy.	
3.5	Maintain professional conduct with colleagues, faculty, and staff.	

C. Course Content

No	List of Topics – including PBL, LGD, CPC	Contact Hours
1	Theme of week one: Menstruation, contraception and genital infection	16
2	Theme of week two: Pregnancy, labor and infertility	19
3	Theme of week three: Menopause, genital tumors and breast lesions	20
Total		55

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	Knowledge and Understanding		
1.1	Relate the gross and microscopic features of female genital tract with the pathophysiology in regulation of female genital tract disorders and normal labor.	Lectures	Formative and summative assessment
1.2	Explain the etiology, pathophysiology, clinical features and diagnostic workup of common gynecological and breast-related conditions.	Lectures, LGDs, PBLs	Continuous, formative and summative assessment
1.3	Explain the mechanism of action of drugs used in the management of common obstetrics and gynecological conditions, fertility control, and infertility.	Lectures, LGDs, PBLs	Continuous, formative and summative assessment
1.4	Explain the etiology, pathophysiology, clinical features and diagnostic workup of common obstetric disorders and screening program.	Lectures, LGDs, PBLs	Continuous, formative and summative assessment
1.5	Illustrate the principles of antenatal, postnatal care and stages of labor.	Lectures, LGDs, PBLs	Continuous, formative and summative assessment
1.6	Distinguish the microbiological infections related to the female genital tract.	Lectures	Continuous, formative and summative assessment
1.7	Correlate the immunological processes related to the pregnancy with Immuno-diagnosis and immunotherapy in cancer.	Lectures, PBLs	Continuous, formative and summative assessment
1.8	Identify important normal /abnormal findings in ultrasound in pregnancies and common radiological findings in breast and female genital tract disorders.	Lectures, PBLs	Continuous, formative and summative assessment
2.0	Skills		
2.1	Differentiate common pathological features of common obstetrics and gynecological disorders on microscopic pictures.	Lectures, LGDs	Formative and summative assessment

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.2	Demonstrate clinical reasoning through correlating clinical findings and common investigations related to obstetrics and gynecological disorders.	Lectures, LGDs	Formative and summative assessment
2.3	Obtain an accurate and comprehensive history of the patient suffering from reproductive disorders.	Lectures, LGDs	Formative and summative assessment
2.4	Perform a complete Physical examination of the breast and female reproductive system.	Lectures, LGDs	Formative and summative assessment
3.0	Values		
3.1	Approach patients in a humane and sympathetic manner.	Lectures, LGDs	Formative and summative assessment
3.2	Extract important information from the patients in methodical and respectful way.	Lectures, LGDs	Formative and summative assessment
3.3	Resolve problems through collaborative work with colleagues and mentors.	Lectures, LGDs, PBLs	Formative and summative assessment
3.4	Adhere to the attendance policy.		Continuous assessment
3.5	Maintain professional conduct with colleagues, faculty, and staff.		Continuous assessment

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	PBL	2	5%
2	Final Exam	3	95%

*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

<p>Required Textbooks</p>	<ul style="list-style-type: none"> • Robbins and Cotran pathologic Basis of disease 10th Edition. Kumar, Abbas, Fausto, Aster. • Greenspan's Basic & Clinical Endocrinology. David G. Gardner and Dolores Shoback. 8th Edition <p>Pharmacology References</p> <ul style="list-style-type: none"> • Basic & Clinical Pharmacology. Bertram Katzung (Author), Susan Masters (Author), Anthony Trevor
<p>Essential References Materials</p>	<ul style="list-style-type: none"> • Robbins and Cotran pathologic Basis of disease 10th Edition. Kumar, Abbas, Fausto, Aster. • Greenspan's Basic & Clinical Endocrinology. David G. Gardner and Dolores Shoback. 8th Edition • R. A. Harvey and P. C. Champe, Lippincott's Illustrated, 4th Edition • Rang and Dale's Pharmacology, 7th Edition, Churchill Livingstone. HP Rang, MM Dale, GM Ritter, RJ Flower. • Basic and Clinical Pharmacology. 12th Edition (Lange Basic Science). Bertram Katzung, Susan Masters, Anthony Trevor. <p>Anatomy References</p> <ul style="list-style-type: none"> • Wheater's Functional Histology. A Text and Colour Atlas. Fifth edition • Barbara Young, James S. Lowe, Alan Stevens and John W. Heath <p>Radiology References</p> <ul style="list-style-type: none"> • The Requisites in Nuclear Medicine, 3rd Edition 2006. By Harzey A Ziessman • Diagnostic Imaging: Peter Armstrong, Wiley-Blackwell; 7th edition (April, 2013)
<p>Electronic Materials</p>	<p>PowerPoint presentations uploaded on Alfaisal E-learning Portal</p> <p>E-Learning Web-Sites:</p> <ul style="list-style-type: none"> • http://www.ncbi.nlm.nih.gov/books/NBK22/ • http://emedicine.medscape.com/ • www.uptodateonline.com
<p>Other Learning Materials</p>	

2. Facilities Required

Item	Resources
<p>Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)</p>	<p>Classrooms, Laboratories</p>
<p>Technology Resources (AV, data show, Smart Board, software, etc.)</p>	<p>AV (Audio-Visual), Smartboard, Moodle (E-learning Management)</p>
<p>Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)</p>	

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	