

Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIED SCIENCES



Faculty of Medicine

Bachelor Program of Medicine and Surgery

Course Specification of Obstetrics & Gynecology Block II

Block Code. (A21P523)

(3rd Course)

2023



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

Prepared by:	Reviewed by:	Head of department	Quality Unit:	Dean of Medicine Faculty	Center of Development and Quality Assurance Dean
Dr. Amal AL-asoli	Dr. Salwa Al-Ghomeri	Dr. Muneerah Al-fayik	Dr. Fadhl Shujaa Al-deen	Dr. Salwa Al-Ghomeri	

I. General Information:

1.	Course Title:	Obstetrics & Gynecology Block II (3rd Course)				
2.	Block Code:	A21P523				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/ Seminar	Lab	Clinical
		3	2	--		3
4.	Level/ Semester at which this Course is offered:	5 th Level / 2 nd Semester				
5.	Pre –Requisite (if any):	Obstetrics & Gynecology Block I				
6.	Co –Requisite (if any):	None				
7.	Program (s) in which the Course is Offered:	Bachelor of Medicine and surgery				
8.	Language of Teaching the Course:	English				
9.	Location of Teaching the Course:	Faculty of Medicine				
10.	Prepared by:	DR. Amal AL-asoli				
11.	Date and Number of Approval by Council:	2023				

II. Course Description:

This course will provide to students with knowledge and skills in gynecology and cover topics in including anatomy of the female reproductive organs, pelvis, gynecological history, examination and investigations, menstrual cycle, hormones, early pregnancy, contraception, abortion and

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infertility. It also focuses on practical application on gynecological medical history and examination, investigations and treatment.			
III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs	
A. Knowledge and Understanding:		*I, P or M/A	
a1	Recognize the normal human growth and development of the female sexual organs and pelvis.	P	A1 Describe the general and basic sciences related to human body structure and functions with emphasis on normal and abnormal conditions.
a2	Identify the etiology, pathogenesis, clinical manifestation, diagnosis differential diagnosis and complication in gynecological diseases	P	A3 Explain the pathological and pathogenesis changes in various diseases, and their etiological triggers including genetic, developmental, infectious, metabolic, endocrinal, autoimmune, neoplastic, traumatic, degenerative and occupational factors.
B. Intellectual Skills:			
b1	Distinguish between physiological and pathological performance of body cells.	M	B1 Compare between normal and abnormal conditions and predict the appropriate treatment or intervention.
b2	Analyze data obtained from gynecological history, physical examination and clinical investigations to reach a final diagnosis and plan the management of cases	M	B2 Analyze and interpret the finding from history, clinical examination and investigations to propose a diagnosis and develop a shared management plan for common acute, chronic and urgent physical and mental health presentations.

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C. Professional and Practical Skills				
c1	Perform patient centered gynecological history taking, examination and investigations in all gynecological conditions.	A	C1	Perform complete clinical examination and precise investigations to reach the final diagnosis.
c2	demonstrate the uses of different instruments used in Obstetrics & Gynecology	A	C3	Carry out routine medical procedure and demonstrate the ability of using common medical tools required for diagnosis and management with highly qualified competency.
D. Transferable Skills:				
d1	Communicate clearly and effectively with patients, their families, health care professionals and the community through verbal, written or digital methods	A	D1	Communicate with professionals, patients, their families and the community through verbal, written and other non-verbal means.
d2	Act independently or collaboratively as a member of teamwork and communicate effectively with others.	A	D2	Work individually or in a team and develop lifelong learning using up to date technology that help in understanding the diseases and its control and prevention.

* I= Introduced, P=Practiced or M/A= Mastered/Advanced

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies	
a1	Recognize the normal human growth and development of	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Discussion 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Final written exam

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	the female sexual organs and pelvis.	<ul style="list-style-type: none"> Office hours Self-learning 	
a2	Identify the etiology, pathogenesis, clinical manifestation, diagnosis differential diagnosis and complication in gynecological diseases	<ul style="list-style-type: none"> Interactive lectures Discussion Case studies Office hours Self learning 	<ul style="list-style-type: none"> Quizzes Final written exam Final clinical exam

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
b1	Distinguish between physiological and pathological performance of body cells.	<ul style="list-style-type: none"> Interactive lectures Seminars Discussion Case studies 	<ul style="list-style-type: none"> Quizzes Final written exam Final clinical exam
b2	Analyze data obtained from gynecological history, physical examination and clinical investigations to reach a final diagnosis and plan the management of cases	<ul style="list-style-type: none"> Interactive lectures Seminars Discussion Case studies 	<ul style="list-style-type: none"> Quizzes Final written exam Final clinical exam

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
c1	Perform patient centered gynecological history taking, examination and investigations in all gynecological conditions.	<ul style="list-style-type: none"> Training Case studies 	<ul style="list-style-type: none"> Final clinical exam OSCE
c2	demonstrate the uses of different instruments used in Obstetrics & Gynecology	<ul style="list-style-type: none"> Case studies Training 	<ul style="list-style-type: none"> Final clinical exam OSCE
		<ul style="list-style-type: none"> 	<ul style="list-style-type: none">

(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching

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Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1 Communicate clearly and effectively with patients, their families, health care professionals and the community through verbal, written or digital methods	<ul style="list-style-type: none"> ▪ Seminars ▪ Discussion ▪ Case studies ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Oral discussion ▪ Homework ▪ Teamwork
d2 Act independently or collaboratively as a member of teamwork and communicate effectively with others.	<ul style="list-style-type: none"> ▪ Seminars ▪ Discussion ▪ Case studies ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Oral discussion ▪ Homework ▪ Teamwork

Course Contents:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CLOs)
1	Introduction The development and anatomy of the female sexual organs and pelvis.	<ul style="list-style-type: none"> - Sexual differentiation of the fetus and development of sexual organs - Female anatomy - Structural problems of pelvic organs 	1 st W	4	a1,d1
2	Gynecological history, examination and investigations	<ul style="list-style-type: none"> - History - Examination - Investigations 		4	a2.d1.
3	Hormonal control of the menstrual cycle and hormonal disorders	<ul style="list-style-type: none"> - Introduction - Physiology of the menstrual cycle - Puberty and secondary sexual development - Disorders of sexual development - Disorders of menstrual regularity 		4	d1.
4	Disorders of menstrual bleeding	<ul style="list-style-type: none"> - Introduction - Heavy menstrual bleeding - Dysmenorrhoea 		4	d1.

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5	Implantation and early pregnancy	<ul style="list-style-type: none"> - Implantation and the establishment of pregnancy - Other early pregnancy problems 	2 nd W	2	b2.d1.
6	Contraception and abortion	<ul style="list-style-type: none"> - Introduction - Contraceptive targets in the female reproductive tract - Methods of contraception - Abortion 		6	d1.
7	Subfertility	<ul style="list-style-type: none"> - Introduction - Natural conception Causes of subfertility - History and examination - Investigations - Management - Fertility preservation 		6	b2.d1.
8	Final Theoretical Exam		5 th W	2	a1,a2.
- Number of Weeks /and Units Per Semester			2 W	32	

▪ B. Case Studies and Practical Aspect: Clinical Training

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Gynecological history, examination and investigations	1 st W	15	a2,b1,b2,c1,c2,d1
2	Hormonal control of the menstrual cycle and hormonal disorders		6	b1,b2,c1,c2,d1
3	Contraception	2 nd W	6	b1,b2,c1,c2,d1
4	Abortion		9	b1,b2,c1,c2,d1
5	Subfertility		6	b1,b2,c1,c2,d1
6	Final Clinical Exam	5 th W	3	a2,b1,b2,c1,c2
Number of Weeks /and Units Per Semester		2 W	45	

V. Teaching Strategies of the Course:

Lectures

Prepared by:	Reviewed by:	Head of department	Quality Unit:	Dean of Medicine Faculty	Center of Development and Quality Assurance Dean
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Training
Case studies
Discussion
Self-Learning

VI. Assessment Methods of the Course:

Final Clinical Exam
Final Theoretical Exam
Oral Desiccation
Homework & Teamwork
Quizzes
OSCE

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Quizzes & Homework	1 st W	10	10%	a1,a2, b1,b2,d1, d2
2	Teamwork & Oral Discussion	2 nd W	10	10%	d1, d2
3	Final clinical exam	5 th W	30	30%	a2, b1, b2, c1, c2
4	Final Theoretical Exam or OSCE		50	50%	a1,a2, b1,b2, c1, c2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s):

- 1- Ashley S. Roman , Lauren Nathan , Neri Laufer,2017, Current Diagnosis & Treatment Obstetrics & Gynecology, 12th Edition.
- 2-Hacker, Moore, GAMB ,2020, Essentials Of Obstetrics and Gynecology 14 Edition, W B Saunders.

2- Essential References:

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- 1- Louise C Kenny and Jenny E Myers , 2017 , International Standard Book Obstetric, Edition 20, Taylor & Francis Group, LLC.
- 2- Sally Collins, Sabaratnam Arulkumaran , Kevin Hayes , Simon Jackson , Lawrence Impey, 2013, *Oxford Handbook of Obstetrics & Gynecology, 12th Edition.*

3- Electronic Materials and Web Sites etc.:

Websites:

- 1- <http://www.taylorandfrancis.com>.

X. Course Policies: (Based on the Uniform Students' By law (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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Faculty of Medicine

Bachelor Program of Medicine and Surgery

Course Plan (Syllabus) of Obstetrics & Gynecology Block II Block Code. (A21P523) (3rd Course)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:	-----						
E-mail:	--@---	SAT	SUN	MON	TUE	WED	THU

2022/2023

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II. Course Identification and General Information:

Course Title:	Obstetrics & Gynecology Block II (3rd Course)				
Block Code:	A21P523				
Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	Clinical
		Lecture	Tutorial/Seminar	Lab	
	3	2	--		
Level/ Semester at which this Course is offered:	5th Level / 2nd Semester				
Pre –Requisite (if any):	Obstetrics & Gynecology Block I				
Co –Requisite (if any):	None				
Program (s) in which the Course is Offered:	Bachelor of Medicine and surgery				
Language of Teaching the Course:	English				
Location of Teaching the Course:	Faculty of Medicine				
Prepared by:	DR. Amal AL-asoli				
11 Date and Number of Approval by Council:	2023				

III. Course Description:

This course will provide to students with knowledge and skills in gynecology and cover topics in including anatomy of the female reproductive organs, pelvis, gynecological history, examination

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and investigations, menstrual cycle, hormones, early pregnancy, contraception, abortion and infertility. It also focuses on practical application on gynecological medical history and examination, investigations and treatment.

IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Recognize the normal human growth and development of the female sexual organs and pelvis.
a2	Identify the etiology, pathogenesis, clinical manifestation, diagnosis differential diagnosis and complication in gynecological diseases
B. Intellectual Skills:	
b1	Distinguish between physiological and pathological performance of body cells.
b2	Analyze data obtained from gynecological history, physical examination and clinical investigations to reach a final diagnosis and plan the management of cases
C. Professional and Practical Skills	
c1	Perform patient centered gynecological history taking, examination and investigations in all gynecological conditions.
c2	demonstrate the uses of different instruments used in Obstetrics & Gynecology
D. Transferable Skills:	
d1	Communicate clearly and effectively with patients, their families, health care professionals and the community through verbal, written or digital methods
d2	Act independently or collaboratively as a member of teamwork and communicate effectively with others.

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
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1	Introduction The development and anatomy of the female sexual organs and pelvis.	<ul style="list-style-type: none"> - Sexual differentiation of the fetus and development of sexual organs - Female anatomy - Structural problems of pelvic organs 	1 st W	4
2	Gynecological history, examination and investigations	<ul style="list-style-type: none"> - History - Examination - Investigations 		4
3	Hormonal control of the menstrual cycle and hormonal disorders	<ul style="list-style-type: none"> - Introduction - Physiology of the menstrual cycle - Puberty and secondary sexual development - Disorders of sexual development - Disorders of menstrual regularity 		4
4	Disorders of menstrual bleeding	<ul style="list-style-type: none"> - Introduction - Heavy menstrual bleeding - Dysmenorrhoea 		4
5	Implantation and early pregnancy	<ul style="list-style-type: none"> - Implantation and the establishment of pregnancy - Other early pregnancy problems 	2 nd W	2
6	Contraception and abortion	<ul style="list-style-type: none"> - Introduction - Contraceptive targets in the female reproductive tract Methods of contraception - Abortion 		6
7	Subfertility	<ul style="list-style-type: none"> - Introduction - Natural conception Causes of subfertility - History and examination - Investigations - Management - Fertility preservation 		6
8	Final Theoretical Exam		5 th W	2
	- Number of Weeks /and Units Per Semester		2 W	32

B. Case Studies and Practical Aspect: Clinical Training

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	Gynecological history, examination and investigations	1 st W	15
2	Hormonal control of the menstrual cycle and hormonal disorders		6
3	Contraception	2 nd W	6
4	Abortion		9
5	Subfertility		6
6	Final Clinical Exam	5 th W	3
Number of Weeks /and Units Per Semester		2W	45

V. Teaching Strategies of the Course:

Lectures
Training
Case studies
Discussion
Self-Learning

VI. Assessment Methods of the Course:

Final Clinical Exam
Final Theoretical Exam
Oral Desiccation
Homework & Teamwork
Quizzes
OSCE

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
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No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Quizzes & Homework	1 st W	10	10%
2	Teamwork & Oral Desiccation	2 nd W	10	10%
3	Final clinical exam	5 th W	30	30%
4	Final Theoretical Exam or OSCE		50	50%
Total			100	100%

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