

Course Syllabus of Gynecology and Obstetrics (Block)

Faculty : Faculty of Medicine & Health Sciences

Department : Obstetrics & gynecology

Program : Bachelor of Medicine and Surgery

I. General information about the course instructor :							
Name	Dr Maha Abdulaziz	Office Hours(3 Hours Weekly)					
Location & phone number	4180	Sat	Sun	Mon	Tue	Wed	Thu
Email	Mazab2005@yahoo.com			10-12- pm		12-1 pm	

II. General information about the course:							
1	Course Title :	Gynecology and Obstetrics (Block)					
2	Course Code and Number :	BMD36					
3	Credit Hours :	Credit Hours					Total
		Theoretical	Seminar/Tutorial	Practical	Clinical	Training	
		8	-	-	4		12
4	Study Level and Semester:	5th year-1st semester & 2nd semester (one for girls and one for boys)					
5	Pre-requisites:	System blocks in the 2nd ,3rd & 4th years					
6	Co-requisites:	None					
7	Program in which the course is offered:	Bachelor of medicine and Surgery					
8	Teaching Language:	English					
9	Instruction location:	University of Science and Technology, Sana'a					

III. Course Description

This course provides the students with the basic knowledge of common obstetrical and gynecological disorders. It also focuses on providing the students with the basic skills of history taking and skills of the physical examination relevant to obstetrics and gynecology. This course is intended to expand the knowledge acquired in previous years, with emphasis on the practical aspects of obstetrics and gynecology. During this course, students are expected to learn more about management of common obstetrical and gynecological diseases and to deal with common emergency situations in this field. Throughout the course, students will be involved in clinical rounds, outpatient clinics and interactive seminars. The course prerequisites are the introductory courses of the first , second years and genitourinary block in fourth year

IV. Course Aims:

The aims of this course are to:

- 1- Provide students with basic knowledge of the common , important obstetrics and gynecological emergencies and diseases and of normal and abnormal pregnancy and labor.
- 3- Get the ability to perform the clinical skills related to history taking & clinical examination of obstetrics & gynecological patients
- 2- Enable students to provide basic health care for females in different age groups (prepubertal, pubertal, childbearing, premenopausal, and menopausal)
- 3- Diagnose and treat the common and important obstetrics and gynecological emergencies and diseases.
- 4- Recognize and aware of ethical and professional issues related to female patient

V. Course Intended Learning Outcomes (CILOs) :

1. Describe the physiology and anatomy of female reproductive tract and the alterations of the various organ system of the female body during pregnancy , menstruation and during woman life cycle.
2. List the etiology, clinical features, diagnostic features, complications , principles of prevention and treatment of common and life-threatening obstetric & gynecological conditions and identification of drug uses and their adverse reactions and interactions
3. Correlate basic structural, biochemical, physiological and pathological facts with clinical data of common obstetrics and gynecological disorders.
4. Integrate the clinical history, clinical findings, the results of laboratory findings to reach into a provisional diagnosis and formulate a plan of management for the common obstetrics and gynecological disorders and prioritize the options according to the principles and evidence based medicine
- 5 Obtain and record an accurate relevant obstetric and gynecologic history, Perform complete examination and Carryout an initial assessment of a patient's problem and suggest acceptable differential diagnosis..
6. Synthesize a correct full management plan for patients with common obstetric and gynecological

conditions in the outpatient, inpatient and life threatening obstetrics& gynecological emergency setting.

7. Practice some routine technical and therapeutic procedures in the daily practice in the obstetric and gynecological wards and emergency departments with the help from colleague and under supervision ..

8. Apply the principles, methods and knowledge of community health to improve maternal health care and other preventive measures to prevent harm to the patient throughout his clinical work

9. Work constructively and cooperatively within a team with colleagues from a variety of health and social care professions with competence including medical records taking into consideration the differences in beliefs, cultural and ethnical backgrounds to achieve certain goals and accept appropriate responsibility for the health of populations & participate in community activities directed at improving health..

10. Uses his various Information technology skills in accessing different learning resources such as tutorials, skill lab sessions and in presenting his assignments.

VI. Course Contents

Theoretical Aspect:

No.	Course Topics/Units	Sub-topics	No. of Lectures	Contact Hours
1	Introduction to obstetrics& gynecological clinical course	History taking, clinical examination	2	4
2	Revisions of the previous topics in genitourinary block	- Maternal physiology & Normal pregnancy. - Bleeding in early pregnancy: Miscarriage. Ectopic pregnancy. Gestational trophoblastic disease(vesicular mole)	2	4
3	Gynaecology	1-Gynecological conditions - Endometriosis & adenomyosis	2	2
		2- Disorder of the menstrual cycle. - Amenorrhea - Dysmenorrhea & Premenstrual tension syndrome	2	4
		3-Abnormal uterine bleeding (menorrhagia, metrorragia, polymenorrhea and dysfunctional uterine bleeding) -Menopause and postmenopausal bleeding	2	4

		4-Gynecological Infectious diseases: -Pelvic inflammatory disease - -Genital tuberculosis -Genital ulcers	3	6
		5-Oncology -choriocarcinoma -Benign & malignant lesions of <ul style="list-style-type: none"> • The vulva • The vagina. • The cervix. • The uterus • The ovary . 	9	18
			21	42
4	Obstetrics	1-Prenatal diagnosis(different methods for prenatal diagnosis)	1	2
		2- Assessment of the fetal well-being(antepartum, intrapartum and postpartum).	1	2
		3-Obtetric heamorrhage: -Ante partum hemorrhage. Placenta previa Abruptio placenta and vasa previa -postpartum hemorrhage.& complications of third stage of labor.	4	8
		4-Antenatal complications - Minor disorders during pregnancy(vomiting, hyperemesis gravidarum, piles, etc..) -Abnormalities in the amniotic fluid - Intrauterine growth restriction. - Postmaturity - Rh- incompatibility. - Intrauterine fetal death. -Malposition & malpresentation. -Breech. - Premature ruptured of membrane & prematurity - Multiple pregnancy	11	22

		5-Medical diseases in pregnancy: -Hypertensive disorder during pregnancy(classification, pregnancy induced hypertension, - Diabetes in pregnancy(classification, diagnosis, complications, treatment) - Cardiac disease during pregnancy(types, diagnosis, complications, treatment) - Thyroid diseases in pregnancy. - Malaria in pregnancy - Immunological diseases in pregnancy. -Anemia & other hematological disorders during pregnancy(definition, etiology, types, diagnosis, complications, treatment)	9	18
		6- Obstetrical procedures: -----Episiotomy -Assisted vaginal delivery . -----Cesarean section.	2	4
		7- Normal labor (stages, mechanism, management) & partogram.	2	4
		8- abnormal labor (prolonged, obstructed and precipitated labor(etiology, diagnosis, management).	1	2
		9-Normal puerperium	1	2
		10- Abnormal puerperium	1	2
				33
5	Family planning	Methods of contraception	1	2
6	Seminars	Drugs in pregnancy & lactation	1	2
		Perinatal infections)		
		Infertility	1	2
		Acute & chronic pelvic pain)		
		Polycystic ovarian syndrome		

		Urology(female incontinence, prolapsed and female fistula)		
		Jaundice in pregnancy	1	2
		Coagulation diseases in pregnancy		
		Obstetrical emergencies & Post partum collapse	1	2
		Maternal mortality		
Total			60	120 = 8 credit hours

Second: Practical/Tutorial/Clinical Aspects			
No.	Practical/Tutorial/Clinical topics	No. of Clinical session	Contact Hours
1	History taking skills	7	28
2	Obstetric and gynecological examination	8	32
3	History, examination and discussion of obstetric cases	8	32
4	History, examination and discussion of gynecological cases	7	28
5	Family planning	8	32
6	Out- patient departments	7	28
Total		45	180= 4 credit hours