



## The University of Jordan

### **Accreditation & Quality Assurance Center**

# **<u>Course Syllabus</u>**

# <u>Course Name: Obstetrics</u> and Gynecology-1

## **Fifth vear**

1	Course title	Obstetrics and Gynecology
2	Course number	0510501
3	Credit hours (theory, practical)	8 hours on fifth year, and 8 hours on sixth year.
3	Contact hours (theory, practical)	3 hours theory, 4 hours practical and in total one hour rest
4	Prerequisites/corequisites	Passing the fourth year.
5	Program title	Doctor of medicine
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	School of Medicine
9	Department	Obstetrics and Gynecology
10	Level of course	Bachelor
11	Year of study and semester (s)	2 months during the fifth year
12	Final Qualification	Doctor of Medicine
13	Other department (s) involved in teaching the course	No
14	Language of Instruction	English
15	Date of production/revision	30/01/2017

#### **16. Course Coordinator:**

Kamil Mosa FRAM, MD., From 7.30 AM to 4.00 PM, ++ 6 5353666/2775 kamilfram@gmail.com

#### 17. Other instructors:

Prof. Shawqi Saleh ,From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:sssaleha@hotmail.com
Dr Ayman Qatawneh, From 7.30 AM to 4.00 PM, ++ 6 5353666/277	'5 email:aymenfida@yahoo.com
Dr Asma Basha, From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:bashaasma@yahoo.com
Dr Fida Thekrallah ,From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:fidaaymen@hotmail.com
Dr Maysa Khadra, From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:missokh@yahoo.com
Dr Nadia Mhaidat ,From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:nadiadat@hotmail.com.com
Dr Okba Al-Quraan, From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:oqba@yahoo.com
Dr Naser Al Husban, From 7.30 AM to 4.00 PM, ++ 6 5353666/2775	email:husban48@yahoo.com

#### **18. Course Description:**

#### **Rotation Description:**

The Material covers the following:

- 1. Clinical orientation about taking a history and performing complete clinical examination covering common symptoms and signs associated with gynecological and obstetric diseases, supervised by consultants & residents.
- 2. Introduction to obstetric discipline & knowledge of the importance of obstetrics & its potential complications in decreasing mother mortality rates & how it affects neonatal outcomes.
- 3. Knowledge of common gynecological diseases epidemiology, underlying pathogenesis, clinical features, manifestations, differential diagnosis and management.
- 4. Problem solving, reaching a differential diagnosis and case management.
- 5. Active involvement of students in patients' care, the student being responsible for presenting assigned cases, suggesting management plan, and doing regular follow ups.
- 6. Attending delivery room, observing delivery management routine care.
- 7. Gaining familiarity with commonly used medications in gynecological and obstetric diseases.
- 8. Attending in operation theaters for observing gynecological procedures & operations.
- 9. Attending major rounds with consultants and fellows

10.Presenting daily morning reports and discussion of emergency cases

Note: Students will have two week rotation in Ministry of Health and another two weeks in the military hospital (teaching rounds, scheduled seminars under

supervision.

A- Aims:

#### 19. Course aims and outcomes:

#### To understand the basic principles of Obstetrics and Gynecology

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...

#### A. Knowledge and understanding of:

- 1- Anatomy, physiology & embryology of the reproductive system
- 2- Process of conception and fetal development
- 3- Normal pregnancy, its disorders and measures of care that should be provided during pregnancy and perinatally
- 4- Normal delivery, device assisted delivery, and caesarean section
- 5- Principles and methods of family planning
- 6- Diseases affecting the reproductive system, their pathogenesis, manifestation, and control

#### **B.** Clinical and Intellectual skills (cognitive and analytical)

- 1- Demonstrate awareness of how to follow up and monitor recommended measures to promote its normal functioning and its disorders especially infertility
- 2- Relate symptoms and signs to diseases of the recommended appropriate management
- 3- Demonstrate awareness of how to diagnose pregnancy, monitor fetal development, recommend measures of care to promote normal fetal growth and development
- 4- Select appropriate perinatal care
- 5- Recommended the appropriate method of family planning

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#### 20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Gynecological and Obstetric History and Examination	During the rotation	Dr Ayman Qatawneh	• Peculiarities of gynecological history taking.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Gynecological Examination: Abdominal, Vaginal, bimanual examinations, cervical smears.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Peculiarities of obstetric history taking.		
			4. Obstetric examination: Abdominal and vaginal examinations.		
			Students are trained on special dummies before being allowed to examine patients.		
Anatomy of the Female Reproductive System & Gametogenesis	During the rotation	DrAyman Qatawneh	1. Revision of Anatomy of female Abdomen and Pelvis.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			<ol> <li>2. Physiological changes in anatomy to gravid Uterus and surroundings.</li> <li>3. Revision of oogenesis and</li> </ol>		Gynecology by Ten teachers Illustrated obstetrics and gynecology
Pregnancy and Prenatal Care	During the rotation	Dr Asma Bash	spermatogenesis. 1. Terms and definitions related to pregnancy.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and
			<ol> <li>Diagnosis and dating of pregnancy.</li> <li>Effect of pregnancy on various body systems.</li> </ol>		Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
			4. Prenatal care and scheduled prenatal		

			visits.		
			5. Routine problems of pregnancy.		
			6. Prenatal assessment of the fetus.		
Early Pregnancy Complications	During the rotation	Dr Fida Thekrallah	<ol> <li>Ectopic</li> <li>Pregnancy:</li> <li>Definition, risk factors, management;</li> <li>Medical and surgical.</li> <li>Spontaneous</li> <li>Abortion: Related definitions, causes and diagnosis of 1<sup>st</sup> and 2<sup>nd</sup> trimester abortions.</li> <li>Incompetent Cervix: Definition, Risk factors, diagnosis and various modalities of management.</li> <li>Recurrent Pregnancy Loss: Pathogenesis, step- wise approach to</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Prenatal Screening, Diagnosis and Treatment	During the rotation	Dr Asma Basha	diagnosis and treatment. 1. Concept and importance of Prenatal Screening.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Screening for genetic diseases: Cystic Fibrosis, Sickle-Cell Disease, Tay-Sachs Disease, Thalassemia.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Major features of Chromosomal abnormalities: Down Syndrome, Trisomy 18, Trisomy 13, Turner Syndrome and Kleinfelter Syndrome.		
			4. Fetal congenital anomalies: Neural Tube Defects, Potter Syndrome, and Cardiac defects.		
			5. Prenatal screening methods according to trimesters.		
			6. Prenatal diagnosis		

			using		
			Amniocentesis, Chorionic Villus Sampling, Fetal		
			Blood Sampling, and Fetal Imaging.		
Normal Labor and	During the	Dr Nadia	1. Anatomical	OSCE	Hacker &Moore's
Delivery	During the rotation	Mhaidat	characteristics of the fetal head and maternal pelvis.	Written exam Daily tutorials	Essentials of Obstetrics and Gynecology
			2. Stages of labor: Definition, characteristics and active management.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Methods, indications and contraindication of induction and augmentation of labor.		
			4. Methods, indications and contraindication of operative vaginal delivery.		
Fetal Surveillance during Labor	During the rotation	Dr Asma Basha Dr Fida Thekrallah	1. Methods of monitoring fetal heart rate.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Fetal heart rate patterns: Normal and abnormal.		Gynecology by Ten teachers Illustrated
			3. Recognize fetal distress on Cardiotocography		obstetrics and gynecology
			(CTG) and outline proper management steps.		
			4. Methods of fetal blood sampling and interpretation of results.		
Cesarean Section (C/S)	During the rotation	Dr Shawqi Saleh	1. Indications for elective and emergent C/S.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Contraindications		Gynecology by
			3. Classical and lower uterine segment varieties, advantages and disadvantages of each.		Ten teachers Illustrated obstetrics and gynecology
			4. Post operative care and complications.		
			5. Vaginal Birth After Cesarean		

			(VBAC)		
Antepartum Hemorrhage	During the rotation	Dr Asma Basha	1. Differential diagnosis; obstetric vs. non obstetric causes.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Placenta Previa: Types, risk factors, presentation, diagnosis and treatment.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Placental Abruption: Pathogenesis, clinical features, evaluation and treatment.		
			4. Uterine Rupture: Risk factors, clinical manifestations, management.		
			5. Fetal vessel rupture: clinical picture, diagnosis and treatment.		
Complications of Labor and Delivery		Dr Maysa Khadra	<ol> <li>Preterm labor and tocolysis.</li> <li>Be familiar with different classes of tocolytics.</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers
			3. Preterm and Premature Rupture of Membranes: Definition, diagnosis and management.		Illustrated obstetrics and gynecology
			4. Failure to progress and the partogram.		
			5. Malpresentation and malposition.		
			Obstetric emergencies: Fetal bradycardia, shoulder dystocia, seizure, maternal hypotension and fetal bradycardia.		
Fetal Complications of Pregnancy	rotation Dr Fida	Dr Asma Basha Dr Fida Thekrallah	1. Small for Gestational Age (SGA): Causes, diagnosis and follow up, and	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			management. 2. Large for gestational age and Fetal Macrosomia: risk factors,		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			risk factors, screening and diagnosis, and		

			management.		
			3. Poly- and Oligohydramnios: causes, implications, diagnosis, and management.		
			4. Fetal demise.		
			5. Postterm pregnancy: Causes, diagnosis and treatment.		
Rh System and Fetal Anemia	During the rotation	Dr Oqba Quran	1. Listing causes of immune and nonimmune hydrops fetalis.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Approach to the unsensitized Rh negative patient.		Gynecology by Ten teachers Illustrated obstetrics and
			3. Approach to the sensitized Rh negative patient.		gynecology
			4. Indications for RhoGAM.		
			5. Ultrasound follow up of fetal anemia, and determination of severity.		
Multiple Gestation	During the rotation	Dr Oqba Quraan	<ol> <li>Epidemiology and pathogenesis.</li> <li>Diagnostic features including Ultrasound findings.</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			3. Complications and delivery precautions.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			4. Overview of Twin-to-twin transfusion syndrome.		
<b>T</b>			5. Special consideration in the case of Mo-Mo twins.		
Hypertension (HTN) and Pregnancy	During the rotation	Dr Naser Husban	<ol> <li>Overview of hypertensive states of pregnancy.</li> <li>Criteria for</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			diagnosis of Gestational HTN, Preeclampsia and Eclampsia.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Maternal and fetal complications of		

			Preeclampsia.		T1
			4. Management of Preeclampsia according to		
			gestational age.		
			<ol> <li>Management of Eclampsia.</li> <li>Chronic HTN in pregnancy.</li> </ol>		
Diabetes (DM) During Pregnancy	During the rotation	Prof Shawqi Saleh	<ol> <li>Gestational DM (GDM) vs.</li> <li>Pregestational DM.</li> <li>Screening and</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			diagnostic evaluation. 3. Treatment and follow up of diabetes		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			during pregnancy.		
			4. Fetal and maternal complications of DM.		
Infectious Diseases in Pregnancy	During the rotation	Dr Naser Husban	1. Overview of Urinary Tract Infections in pregnancy.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			2. Discussion of bacterial vaginosis and group B streptococcus in pregnancy.		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3. Chorioamnionitis: Definition, diagnosis and management.		
			4. Discussion of infections that affect the fetus: HSV, VZV, Parvovirus, CMV, Rubella, Toxoplasmosis.		
Other Medical	During the	Dr Naser	1. Overview of	OSCE	Hacker &Moore's
Complications of Pregnancy	rotation	Husban	Hyperemesis Gravidarum.	Written exam Daily tutorials	Essentials of Obstetrics and
			2. Implications and		Gynecology
			management of Seizure disorder in pregnancy.		Gynecology by Ten teachers Illustrated
			3. Cardiac diseases in pregnancy.		obstetrics and gynecology
			4. Considerations of maternal renal disease.		
			5. Coagulation disorders during pregnancy.		
			6. Hypo- and		

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& vagina: Epidermal						
				inclusion cysts,		
sebaceous cysts,				sebaceous cysts,		
apocrine sweat gland				apocrine sweat gland		

				cysts, skene's glands		
				cysts, bartholin's		
				duct cyst & abscess		
				& gartner's duct		
				cysts.		
				4.Benign solid		
				tumors of the vulva		
				& vagina: Lipomas,		
				hemangiomas &		
				urethral caruncles.		
				Benign cervical lesions: congenital		
				anomalies, cervical		
				cysts, cervical		
				polyps, cervical		
				fibroids & cervical		
				stenosis.		
Benign D		During the	Dr Ayman	1.Anatomic	OSCE	Hacker & Moore's
of the Up	per	rotation	Qatawneh	anomalies of the	Written exam	Essentials of
Genital T	ract			uterus (Arcuate,	Daily tutorials	Obstetrics and
				septate, bicornuate,	-	Gynecology
				uniconuate,		Oursearly with
				didelphys):		Gynecology by Ten teachers
				pathogenesis,		I en teachers Illustrated
				epidemiology,		obstetrics and
				clinical		gynecology
				manifestations &		
				treatment.		
				0.1L :		
				2.Uterine		
				leiomyomas		
				(fibroids):		
				pathogenesis,		
				epidemiology, risk factors, clinical		
				manifestations,		
				diagnostic evaluation		
				& follow up.		
				3.Endometrial		
				polyps:		
				potyps. pathogenesis,		
				epidemiology,		
				clinical		
				manifestations &		
				treatment.		
				acument.		
				4.Endometrial		
				hyperplasia:		
				pathogenesis,		
				epidemiology, risk		
				factors, clinical		
				manifestations,		
				diagnostic		
				evaluation.		
				Ovarian cysts:		
			1	pathogenesis,		
				epidemiology,		
				epidemiology, clinical		
				epidemiology, clinical manifestations &		
Endomet	riosis &	During the	Duraf Channel	epidemiology, clinical manifestations & treatment.	OSCE	Hacker & Moora's
Endometr		During the	Prof. Shawqi	epidemiology, clinical manifestations & treatment. pathogenesis,	OSCE	Hacker &Moore's
Endometa		During the rotation	Prof. Shawqi Saleh	epidemiology, clinical manifestations & treatment.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and

			manifestations, diagnostic evaluation & differential diagnosis & treatment.		Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Infections of the Lower Female Reproductive Tract	During the rotation	Dr Ayman Qatawneh	<ol> <li>1.urinary tract infections: diagnosis &amp; treatment.</li> <li>2.The external anogenital region: vulvitis.</li> <li>3.Ulcerated lesions: syphilis, genital herpes, chancroid &amp; lymphogranuloma venereum.</li> <li>4.Nonulcerative lesions: human papilloma virus, molluscum contagiosum, phthirus pubis &amp; sarcoptes scabiei.</li> <li>5.Vaginal infections: bacterial vaginosis, yeast infections (candidiasis) &amp; trichomonas vaginalis.</li> <li>6.Infections of the cervix: neisseria gonorrhea &amp; Chlamydia trachomatis.</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Upper Female Reproductive Tract & Systemic Infections	During the rotation	Dr Ayman Qatawneh	<ol> <li>1.Endometritis.</li> <li>2.Pelvic inflammatory disease.</li> <li>3.Tubo-ovarian abscess.</li> <li>4.Toxic shock syndrome</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Pelvic Organ prolapse	During the rotation	Dr Ayman Qatawneh	pathogenesis, epidemiology, risk factors, clinical manifestations, diagnostic evaluation, differential diagnosis & treatment.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

Urinary	During the	Dr Ayman	1.Epidemiology,	OSCE	Hacker &Moore's
Incontinence	rotation	Qatawneh	anatomy, primary types of incontinence, physical examination	Written exam Daily tutorials	Essentials of Obstetrics and Gynecology
			& diagnostic evaluation. 2.Stress incontinence		Gynecology by Ten teachers Illustrated obstetrics and
			3.Detrusor overactivity		gynecology
			4.Overflow incontinence		
			5.Bypass incontinence		
Puberty, the	During the	Dr Nadia	Functional incontinence 1.Puberty:	OSCE	Hacker &Moore's
Menstrual Cycle & Menopause	rotation	Mheidat	adrenarche, gonadarche, telarche, pubarche, peak	Written exam Daily tutorials	Essentials of Obstetrics and Gynecology
			growth velocity & menarche.		Gynecology by Ten teachers Illustrated
			2.Menstrual cycle physiology: follicualar phase, ovulation, luteal		obstetrics and gynecology
			phase & menstruation.		
			Menopause & postmenopause: etiology, diagnosis, pathogenesis, hormone replacement therapy & other additional		
			therapeutic regimens.		
Amenorrhea	During the rotation	Dr Maysa Khadra	1.Primary amenorrhea: outflow tract anomalies, end- organ disorders,	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			central disorders ( hypothalamic pituitary).		Gynecology by Ten teachers Illustrated
			2.Secondary amenorrhea: anatomic		obstetrics and gynecology
			abnormalities, ovarian failure, polycystic ovarian disease,		
			hyperprolactinemia associated amenorrhea,		
			disruption of the hypothalamic- pituitary axis.		
			Diagnostic evaluation &		

A1 11.1			treatment.	0.000	II. I. ON
Abnormalities of the Menstrual	During the rotation	Dr Maysa Khadra	1.Dysmenorrhea: primary	OSCE Written exam	Hacker &Moore's Essentials of
Cycle			dysmenorrheal (diagnosis &	Daily tutorials	Obstetrics and Gynecology
			treatment),		
			secondary		Gynecology by
			dysmenorrhea		Ten teachers Illustrated
			(cervical stenosis &		obstetrics and
			pelvic adhesions).		gynecology
			2.Premenstrual		
			syndrome &		
			premenstrual dysphoric disorder		
			(pathogenesis &		
			treatment)		
			3.Abnormal uterine		
			bleeding:		
			menorrhagia,		
			hypomenorrhea,		
			metrorrhagia &		
			menometrorrhagia,		
			oligomenorrhea &		
			polymenorrhea.		
			4.Dysfunctional		
			uterine bleeding:		
			diagnosis &		
			treatment.		
			5.Postmenopausal		
			bleeding.		
Hirsutism &	During the	Dr Maysa	1.Normal &	OSCE	Hacker &Moore's
Virilism	rotation	Khadra	pathologic androgen	Written exam	Essentials of
			synthesis.	Daily tutorials	Obstetrics and Gynecology
			2.Adrenal disorders:		Gynecology
			cushing syndrome &		Gynecology by
			congenital adrenal		Ten teachers Illustrated
			hyperplasia.		obstetrics and
			3.Functional ovarian		gynecology
			disorders: polycystic		
			ovarian syndrome,		
			theca lutein cysts,		
			stromal hyperplasia		
			& hyperthecosis & ovarian tumors.		
			4.Drugs & exogenous hormones		
Contraception &	During the	Dr Fida	Idiopathic hirsutism 1.Natural methods	OSCE	Hacker &Moore's
Sterilization	rotation	Thekrallah	(periodic abstinence,	Written exam	Essentials of
		- nom unun	coitus interruptus &	Daily tutorials	Obstetrics and
			lactational amenorrhea)		Gynecology
			amenormea)		Gynecology by
			2.Barrier methods &		Ten teachers
	1	1	1		Illustrated
			spermicides		obstetrics and

			diaphragms & cervical caps)		gynecology
			3.Intrauterine devices (method of action, effectiveness, advantages & disadvantages)		
			4.Hormonal contraceptive methods (oral, injectable, vaginal rings).		
			5.Emergency contraception		
			6.Surgical sterilization (tubal sterilization & vasectomy)		
Infertility & Assisted Reproductive Technologies	During the rotation	Dr Maysa Khadra	1.Female factor: ovulatory, peritoneal/tubal, endometriosis, uterine & cervical factors.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers
			2.Male factor: abnormal semen, endocrine disorders, environmental exposures, genetic, sexual dysfunction & structural factors.		Illustrated obstetrics and gynecology
			3.Combined male & female factor.		
			4.Ovulation induction & medications used in the treatment of infertility.		
			Advanced reproductive technologies: (IVF, ICSI, PGD)		
Neoplastic Disease of the Vulva & Vagina	During the rotation	Dr Kamil Fram	1.Preinvasive neoplastic disease of the vulva (vulvar intraepithelial neoplasia & paget	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology
			<ul><li>neoplasta &amp; paget</li><li>disease of the vulva).</li><li>2.Cancer of the</li><li>vulva (diagnosis,</li><li>staging &amp; treatment)</li></ul>		Gynecology by Ten teachers Illustrated obstetrics and gynecology
			3.Preinvasive disease of the vagina		
			Cancer of the vagina		

			(diagnosis, stages & treatment)		
Cervical Neoplasia & Cervical Cancer	During the rotation	Dr Kamil Fram	1.Cervical intraepithelial neoplasia (pathogenesis, epidemiology, diagnosis & treatment) Cervical cancer: pathophysiology, epidemiology, diagnosis, clinical staging & treatment.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Endometrial Cancer	During the rotation	Dr Kamil Fram	Pathogenesis, epidemiology, risk factors, clinical manifestations, diagnostic evaluation, treatment & follow up.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Ovarian & Fallopian Tube Tumore	During the rotation	Dr Kamil Fram	<ol> <li>1.Ovarian tumors</li> <li>2.Epithelial tumors</li> <li>3.Germ cell tumors</li> <li>4.Sex cord-stromal tumors</li> <li>Cancer of the fallopian tubes.</li> </ol>	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Gestational Trophoblastic Disease	During the rotation	Dr Naser Husban	1.Benign gestational trophoblastic disease (complete & partial molar pregnancies) Malignant gestational trophoblastic disease: persistent/invasive moles, choriocarcinoma & (PSTT) placental site trophoblastic tumors.	OSCE Written exam Daily tutorials	Hacker &Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

#### 21. Teaching Methods and Assignments:

ILOs are achieved through the following teaching methods:

- a. Lectures and seminars
- b. Teaching rounds, outpatient clinic attendance
- c. Case presentation

#### d. Tutorials

- e. Assignments, reports and projects
- f. Skills lab
- g. Attending In-patient Floors and learn clinical assessment, examination and management methods supervised by consultants and fellows
- h. Attending the delivery room and learn clinical assessment m examination and management of normal labour, attending operative deliveries and caesarean sections
- i. Attending in operation theatres for observing gynaecological procedures & operations.

#### 22. Evaluation Methods and Course Requirements:

Evaluation of ILOs achievement is done by the following assessment method

OSCE examination end of the 8 weeks rotation: 30% End of year Final Exam: 50 % Attendance, Dress code. Case sheet preparation: 20%

#### 23. Course Policies:

A- Attendance policies: Attendance of the all lectures , seminars , teaching round and daily activity are counted in the evaluation of each of student which represents 30% of the evaluation mark

B- Absences from exams and handing in assignments on time:

This leads to 30% loss of the evaluation mark

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy: evaluation , OSCE, final written exam

F- Available university services that support achievement in the course: Classroom with whiteboard and projectors.

-College library.

-Internet, Skills lab

#### 24. Required equipment:

Classroom with whiteboard and projectors.

-College library.

-Internet.

- Skills lab

2 Sessions per rotation in skills lab (obstetric examination, gynaecology examination, mechanism of labour, instrumental delivery, anatomy of female pelvis, instruments, doing Pap smears and insertion of IUCD)

#### 25. References:

A- Required book (s), assigned reading and audio-visuals:

- Hacker & Moore's Essentials of Obstetrics and Gynecology
- Gynecology by Ten teachers
- Illustrated obstetrics and Gynaecology
- B- Recommended books, materials, and media:
- 1- Textbook and references

2- Lecture Notes, from seminars prepared by the consultants or fellows and given by them.

#### 26. Additional information:

Name of Course Coordinator: <b>Dr Fida Thekrallah.</b> Signature: Date: <b>30/01/2017</b>
Head of curriculum committee/Department: <b>Dr. Kamil Fram</b> . , Signature:
Head of Department <b>Dr. Kamil Fram</b> . Signature:
Head of curriculum committee/Faculty: Signature:
Dean:

Copy to:

- Dean, School of Medicine
- Head of Department
- Assistant Dean for Quality Assurance
- Course File