



مركز الاعتماد
وإضمان الجودة
ACCREDITATION & QUALITY ASSURANCE CENTER



The University of Jordan

Accreditation & Quality Assurance Center

Course Syllabus

**Course Name: Obstetrics
and Gynecology-1**
Fifth year

1	Course title	Obstetrics and Gynecology
2	Course number	0510501
3	Credit hours (theory, practical)	8 hours on fifth year.
	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	Obstetrics and Gynecology
6	Program code	0510501
7	Awarding institution	The University of Jordan
8	Faculty	School of Medicine
9	Department	Obstetrics and Gynecology
10	Level of course	Fifth year
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	10/10/2023

16. Course Coordinator:

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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

Note:

Students will spend one month at Jordan University Hospital, first week is an orientation week in which introduction to obstetrics and gynecology, lectures will be given to the whole group. The students will be divided into subgroups for obstetrics and gynecology skills lab, and teaching rounds. The following three weeks will include rotations in the clinics, delivery room, operating room in addition to bedside teaching rounds.

During the second month, the group is usually divided into two groups. Each will spend a 4-week rotation at Al-Basheer Hospital (Ministry of Health) or 4 weeks at King Hussein City Medical Hospital (Military hospital); teaching rounds, scheduled seminars under supervision. We are now in the process of sending part of the students for private sector waiting for the collaboration to be finalized.

19. Course aims and outcomes:

A- Aims: 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 care and fetal screening is provided with perinatal care.
- 4- Normal delivery, introduction to assisted delivery, and caesarean section and postpartum care.
- 5- Abdominal pain with pregnancy.
- 6- Diseases affecting the reproductive system, their pathogenesis, manifestation, and control.
- 7- Family planning, dysfunctional uterine bleeding, dysmenorrhea, premenstrual tension, puberty disorders, abdominal masses, and menopausal disorders.
- 8- Cervical screening and STDs, and PID.
- 9- Abdominal pain with pregnancy.

B. Clinical and Intellectual skills (cognitive and analytical)

- 1- Relate symptoms and signs to diseases of the recommended appropriate management
- 2- Demonstrate awareness of how to diagnose pregnancy, select appropriate perinatal care, monitor fetal development, recommend measures of care to promote normal fetal growth and development.
- 3- Recognize acute abdomen in pregnancy and how to manage.
- 4- Recognize acute hemorrhagic events in pregnancy, labor and post-partum.
- 5- Recognize hypertensive disorders in pregnancy.
- 6- Recommend appropriate method of family planning.
- 7- Define infertility and causes, types abnormal vaginal discharge and STD's,
- 8- How to diagnose abdominal masses.
- 9- Awareness for cervical cancer screening with other gynecological malignancies.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Gynecological and Obstetric History and Examination	During the rotation	Prof. Asma Basha Dr. FidaThekrallah Dr. Nadia Mheidat Dr. Naser Husban. Dr.Oqpakuraan	<ol style="list-style-type: none"> 1. Peculiarities of gynecological history taking. 2. Gynecological Examination: Abdominal, Vaginal, bimanual examinations, cervical smears. 3. Peculiarities of obstetric history taking. 4. Obstetric examination: Abdominal and vaginal examinations. <p>Students are trained on special dummies before being allowed to examine patients.</p>	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Anatomy of the Female Reproductive System & Gametogenesis	During the rotation	Dr. AymanQataweh Dr. Nadia Mheidat Dr. OqbaKuraan	<ol style="list-style-type: none"> 1. Revision of Anatomy of female Abdomen and Pelvis. 2. Physiological changes in anatomy to gravid Uterus and surroundings. 3. Revision of oogenesis and spermatogenesis. 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Pregnancy and Prenatal Care	During the rotation	Prof. Asma Basha Dr. FidaThekrallah Dr. OqbaKuraan	<ol style="list-style-type: none"> 1. Terms and definitions related to pregnancy. 2. Diagnosis and dating of pregnancy. 3. Effect of pregnancy on various body systems. 4. Prenatal care and scheduled prenatal visits. 5. Routine problems 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

			of pregnancy. 6. Prenatal assessment of the fetus.		
Early Pregnancy Complications	During the rotation	Prof. Kamil Fram Dr FidaThekrallah	1. Ectopic Pregnancy: Definition, risk factors, management; Medical and surgical. 2. Spontaneous Abortion: Related definitions, causes and diagnosis of 1 st and 2 nd trimester abortions. 3. Incompetent Cervix: Definition, Risk factors, diagnosis and various modalities of management. 4. Recurrent Pregnancy Loss: Pathogenesis, step-wise approach to diagnosis and treatment.	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	Prof. Asma Basha Dr. FidaThekrallah Dr. OqbaKuraan	1. Concept and importance of Prenatal Screening. 2. Screening for genetic diseases: Cystic Fibrosis, Sickle-Cell Disease, Tay-Sachs Disease, Thalassemia. 3. Major features of Chromosomal abnormalities: Down Syndrome, Trisomy 18, Trisomy 13, Turner Syndrome and Klinefelter 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	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

			Sampling, Fetal Blood Sampling, and Fetal Imaging.		
Normal Labor and Delivery	During the rotation	Prof. Kamil Fram Dr. Nadia Mhaidat Dr. Amal Barakat	<ol style="list-style-type: none"> 1. Anatomical characteristics of the fetal head and maternal pelvis. 2. Stages of labor: Definition, characteristics and active management. 3. Methods, indications and contraindication of induction and augmentation of labor. 4. Methods, indications and contraindication of operative vaginal delivery. 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Fetal Surveillance during Labor	During the rotation	Prof. Asma Basha Dr. Fida Thekrallah	<ol style="list-style-type: none"> 1. Methods of monitoring fetal heart rate. 2. Fetal heart rate patterns: Normal and abnormal. 3. Recognize fetal distress on Cardiotocography (CTG) and outline proper management steps. 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Cesarean Section (C/S)	During the rotation	Prof. Shawqi Saleh. Prof. Asma Basha	<ol style="list-style-type: none"> 1. Indications for elective and emergent C/S. 2. Contraindications 3. Classical and lower uterine segment varieties, advantages and disadvantages of each. 4. Post operative care and complications. 5. Vaginal Birth After Cesarean (VBAC) 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Antepartum Hemorrhage	During the rotation	Prof. Asma Basha Dr. Ayman Qatawneh	<ol style="list-style-type: none"> 1. Differential diagnosis; obstetric vs. non obstetric causes. 	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by

			<p>2. Placenta Previa: Types, risk factors, presentation, diagnosis and treatment.</p> <p>3. Placental Abruption: Pathogenesis, clinical features, evaluation and treatment.</p> <p>4. Uterine Rupture: Risk factors, clinical manifestations, management.</p> <p>5. Fetal vessel rupture(vasa previa): clinical picture, diagnosis and treatment.</p>		Ten teachers Illustrated obstetrics and gynecology
Complications of Labor and Delivery	During the rotation	<p>Prof. Shawqi Saleh</p> <p>Dr. Nadia Mheidat.</p> <p>Dr OqpaKuraan.</p> <p>Dr Amal Barakat</p>	<p>1. Preterm labor and tocolysis.</p> <p>2. Be familiar with different classes of tocolytics.</p> <p>3. Preterm and Premature Rupture of Membranes: Definition, diagnosis and management.</p> <p>4. Failure to progress and the partogram.</p> <p>5. Malpresentation and malposition.</p> <p>Obstetric emergencies: Fetal bradycardia, shoulder dystocia, seizure, maternal hypotension and fetal bradycardia.</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Fetal Complications of Pregnancy	During the rotation	<p>Prof. Asma Basha</p> <p>Dr FidaThekrallah</p> <p>Dr OqbaKuraan</p>	<p>1. Small for Gestational Age (SGA): Causes, diagnosis and follow up, and management.</p> <p>2. Large for gestational age and Fetal Macrosomia: risk factors, screening and diagnosis, and management.</p> <p>3. Poly- and Oligohydramnios: causes, implications, diagnosis, and</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>

			<p>management.</p> <p>4. Fetal demise.</p> <p>5. Postterm pregnancy: Causes, diagnosis and treatment.</p>		
Rh System and Fetal Anemia	During the rotation	<p>Prof. Asma Basha.</p> <p>Dr.Oqbakuraan</p>	<p>1. Listing causes of immune and nonimmune hydrops fetalis.</p> <p>2. Approach to the unsensitized Rh negative patient.</p> <p>3. Approach to the sensitized Rh negative patient.</p> <p>4. Indications for RhoGAM.</p> <p>5. Ultrasound follow up of fetal anemia, and determination of severity.</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Multiple Gestation	During the rotation	<p>Dr OqbaKuraan</p> <p>Prof.Asma Basha</p> <p>Dr FidaThekrallah</p> <p>Dr. Amal Barakat</p>	<p>1. Epidemiology and pathogenesis.</p> <p>2. Diagnostic features including Ultrasound findings.</p> <p>3. Complications and delivery precautions.</p> <p>4. Overview of Twin-to-twin transfusion syndrome.</p> <p>5. Special consideration in the case of Mo-Mo twins.</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Hypertension (HTN) and Pregnancy	During the rotation	<p>Dr. Naser Husban.</p> <p>Dr. Amal Barakat.</p>	<p>1. Overview of hypertensive states of pregnancy.</p> <p>2. Criteria for diagnosis of Gestational HTN, Preeclampsia and Eclampsia.</p> <p>3. Maternal and fetal complications of Preeclampsia.</p> <p>4. Management of Preeclampsia according to gestational age.</p> <p>5. Management of</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>

			Eclampsia. 6. Chronic HTN in pregnancy.		
Diabetes (DM) During Pregnancy	During the rotation	Prof. Shawqi Saleh Prof. Asma Basha Dr. FidaThekrallah	1. Gestational DM (GDM) vs. Pregestational DM. 2. Screening and diagnostic evaluation. 3. Treatment and follow up of diabetes during pregnancy. 4. Fetal and maternal complications of DM.	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Infectious Diseases in Pregnancy	During the rotation	Prof. Shawqi Saleh. Prof. Asma Basha Dr. FidaThekrallah Dr Naser Husban.	1. Overview of Urinary Tract Infections in pregnancy. 2. Discussion of bacterial vaginosis and group B streptococcus in pregnancy. 3. Chorioamnionitis: Definition, diagnosis and management. 4. Discussion of infections that affect the fetus: HSV, VZV, Parvovirus, CMV, Rubella, Toxoplasmosis.	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology gynecology by Ten teachers Illustrated obstetrics and gynecology
Other Medical Complications of Pregnancy	During the rotation	Prof Shawqi Saleh Dr Naser Husban..	1. Overview of Hyperemesis Gravidarum. 2. Implications and management of Seizure disorder in pregnancy. 3. Cardiac diseases in pregnancy. 4. Considerations of maternal renal disease. 5. Coagulation disorders during pregnancy. 6. Hypo- and Hyperthyroidism in pregnancy. 7. Systemic Lupus Erythematosus in pregnancy. 8. Maternal	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

Postpartum Care and Complications	During the rotation	<p>Prof. Asma Basha</p> <p>Dr. FidaThekrallah</p> <p>Dr. OqbaKuraan</p>	<p>substance abuse.</p> <ol style="list-style-type: none"> 1. Normal Puerperium: Anatomic and physiological changes. 2. Routine postpartum care and breast feeding. 3. Postpartum Hemorrhage (PPH): Causes, stepwise approach to management. 4. Overview of Endomyometritis. 5. Dealing with wound complications. 6. Discussion of Mastitis. 7. Postpartum depression and blues. 	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Benign Disorders of the Lower Genital Tract	During the rotation	<p>Prof. Kamil Fram</p> <p>Dr. Ayman Qatawneh.</p> <p>Dr. Naser Husban</p>	<ol style="list-style-type: none"> 1. Congenital anomalies of the vulva & vagina: Labial fusion, Imperforate hymen, Transverse vaginal septum, Vaginal atresia & vaginal agenesis. 2. Benign Epithelial Disorders of the Vulva & Vagina: Lichen sclerosis, Lichen Planus, Lichen simplex chronicus, squamous cell hyperplasia, vulvar psoriasis & vaginal adenosis. 3. Benign cysts tumors of the vulva & vagina: Epidermal inclusion cysts, sebaceous cysts, apocrine sweat gland cysts, skene's glands cysts, bartholin's duct cyst & abscess & gartner's duct cysts. 4. Benign solid tumors of the vulva 	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>

			<p>& vagina: Lipomas, hemangiomas & urethral caruncles.</p> <p>Benign cervical lesions: congenital anomalies, cervical cysts, cervical polyps, cervical fibroids & cervical stenosis.</p>		
Benign Disorders of the Upper Genital Tract	During the rotation	<p>Prof. Kamil Fram.</p> <p>Dr Ayman Qatawneh</p> <p>Dr. Naser Husban</p> <p>Dr. Amal Barakat</p>	<p>1. Anatomic anomalies of the uterus (Arcuate, septate, bicornuate, uniconuate, didelphys): pathogenesis, epidemiology, clinical manifestations & treatment.</p> <p>2. Uterine leiomyomas (fibroids): pathogenesis, epidemiology, risk factors, clinical manifestations, diagnostic evaluation & follow up.</p> <p>3. Endometrial polyps: pathogenesis, epidemiology, clinical manifestations & treatment.</p> <p>4. Endometrial hyperplasia: pathogenesis, epidemiology, risk factors, clinical manifestations, diagnostic evaluation.</p> <p>Ovarian cysts: pathogenesis, epidemiology, clinical manifestations & treatment.</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Endometriosis & Adenomyosis	During the rotation	Prof. Shawqi Saleh	<p>pathogenesis, epidemiology, risk factors, clinical manifestations, diagnostic evaluation & differential diagnosis & treatment.</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Infections of the	During the	Dr Ayman	1. urinary tract infections: diagnosis	OSCE	Hacker & Moore's Essentials of

Lower Female Reproductive Tract	rotation	Qatawneh Dr. OqbaKuraan Dr. Naser Husban. Dr. Amal Barakat	& treatment. 2.The external anogenital region: vulvitis. 3.Ulcerated lesions: syphilis, genital herpes, chancroid & lymphogranuloma venereum. 4.Nonulcerative lesions: human papilloma virus, molluscum contagiosum, phthirus pubis & sarcoptes scabiei. 5.Vaginal infections: bacterial vaginosis, yeast infections (candidiasis) & trichomonas vaginalis. 6.Infections of the cervix: neisseria gonorrhoea & Chlamydia trachomatis.	Written exam Daily tutorials	Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology
Upper Female Reproductive Tract & Systemic Infections	During the rotation	Dr Ayman Qatawneh. Dr OqpaKuraan.	1.Endometritis. 2.Pelvic inflammatory disease. 3.Tubo-ovarian abscess. 4.Toxic shock syndrome	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 Incontinence	During the rotation	Dr Ayman Qatawneh	1.Epidemiology, anatomy, primary types of incontinence, physical examination & diagnostic evaluation. 2.Stress incontinence	OSCE Written exam Daily tutorials	Hacker & Moore's Essentials of Obstetrics and Gynecology Gynecology by Ten teachers Illustrated obstetrics and gynecology

			<p>3. Detrusor overactivity</p> <p>4. Overflow incontinence</p> <p>5. Bypass incontinence</p> <p>Functional incontinence</p>		
Puberty, the Menstrual Cycle & Menopause	During the rotation	<p>Prof. Asma Basha</p> <p>Dr Nadia Mheidat</p>	<p>1. Puberty: adrenarche, gonadarche, telarche, pubarche, peak growth velocity & menarche.</p> <p>2. Menstrual cycle physiology: follicular phase, ovulation, luteal phase & menstruation.</p> <p>Menopause & postmenopause: etiology, diagnosis, pathogenesis, hormone replacement therapy & other additional therapeutic regimens.</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Amenorrhea	During the rotation	Dr. Nadia Mheidat	<p>1. Primary amenorrhea: outflow tract anomalies, end-organ disorders, central disorders (hypothalamic-pituitary).</p> <p>2. Secondary amenorrhea: anatomic abnormalities, ovarian failure, polycystic ovarian disease, hyperprolactinemia associated amenorrhea, disruption of the hypothalamic-pituitary axis.</p> <p>Diagnostic evaluation & treatment.</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Abnormalities of the Menstrual Cycle	During the rotation	<p>Prof. Asma Basha</p> <p>Dr Nadia Mheidat</p>	<p>1. Dysmenorrhea: primary dysmenorrhea (diagnosis & treatment), secondary dysmenorrhea (cervical stenosis &</p>	<p>OSCE</p> <p>Written exam</p> <p>Daily tutorials</p>	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>

			<p>pelvic adhesions).</p> <p>2.Premenstrual syndrome & premenstrual dysphoric disorder (pathogenesis & treatment)</p> <p>3.Abnormal uterine bleeding: menorrhagia, hypomenorrhea, metrorrhagia & menometrorrhagia, oligomenorrhea & polymenorrhea.</p> <p>4.Dysfunctional uterine bleeding: diagnosis & treatment.</p> <p>5.Postmenopausal bleeding.</p>		
Hirsutism & Virilism	During the rotation	Dr Nadia Mheidat	<p>1.Normal & pathologic androgen synthesis.</p> <p>2.Adrenal disorders: cushing syndrome & congenital adrenal hyperplasia.</p> <p>3.Functional ovarian disorders: polycystic ovarian syndrome, theca lutein cysts, stromal hyperplasia & hyperthecosis & ovarian tumors.</p> <p>4.Drugs & exogenous hormones</p> <p>Idiopathic hirsutism</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Contraception & Sterilization	During the rotation	Dr FidaThekrallah	<p>1.Natural methods (periodic abstinence, coitus interruptus & lactational amenorrhea)</p> <p>2.Barrier methods & spermicides (condoms, diaphragms & cervical caps)</p> <p>3.Intrauterine devices (method of action, effectiveness, advantages & disadvantages)</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>

			<p>4.Hormonal contraceptive methods (oral, injectable, vaginal rings).</p> <p>5.Emergency contraception</p> <p>6.Surgical sterilization (tubal sterilization & vasectomy)</p>		
Infertility & Assisted Reproductive Technologies	During the rotation	<p>Prof. Kamil Fram</p> <p>Prof Shawqi Saleh</p> <p>Prof. Asma Basha</p> <p>Dr Nadia Mheidat</p>	<p>1.Female factor: ovulatory, peritoneal/tubal, endometriosis, uterine & cervical factors.</p> <p>2.Male factor: abnormal semen, endocrine disorders, environmental exposures, genetic, sexual dysfunction & structural factors.</p> <p>3.Combined male & female factor.</p> <p>4.Ovulation induction & medications used in the treatment of infertility.</p> <p>Advanced reproductive technologies: (IVF, ICSI, PGD)</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Neoplastic Disease of the Vulva & Vagina	During the rotation	<p>Prof. Kamil Fram</p> <p>Dr .NaserHusban.</p>	<p>1.Preinvasive neoplastic disease of the vulva (vulvar intraepithelial neoplasia & paget disease of the vulva).</p> <p>2.Cancer of the vulva (diagnosis, staging & treatment)</p> <p>3.Preinvasive disease of the vagina</p> <p>Cancer of the vagina (diagnosis, stages & treatment)</p>	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated obstetrics and gynecology</p>
Cervical Neoplasia & Cervical Cancer	During the rotation	Prof. Kamil Fram	1.Cervical intraepithelial neoplasia (pathogenesis, epidemiology, diagnosis &	OSCE Written exam Daily tutorials	<p>Hacker & Moore's Essentials of Obstetrics and Gynecology</p> <p>Gynecology by Ten teachers Illustrated</p>

			treatment) Cervical cancer: pathophysiology, epidemiology, diagnosis, clinical staging & treatment.		obstetrics and gynecology
Endometrial Cancer	During the rotation	Prof. Kamil Fram. Dr. Amal Barakat	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	Prof. Kamil Fram	1.Ovarian tumors 2.Epithelial tumors 3.Germ cell tumors 4.Sex cord-stromal tumors Cancer of the fallopian tubes.	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:

Lectures and seminars

Teaching rounds, outpatient clinic attendance

Case presentations

Tutorials

Assignments, reports and projects

Skills lab

Attending In-patient Floors and learn clinical assessment, and management methods supervised by consultants and residents

Attending the delivery room and learning clinical assessment, examination and management of normal labor, attending operative deliveries and caesarean sections

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 methods:

- OSCE examination end of the 8 weeks rotation: 30%
- End of year Final Exam: 50 %
- Attendance, Dress code. Case sheet preparation and evaluation: 20%,; This is converted to 100% and is divided as 30% attendance, 20% end of rotation clinical assessment examination and 50% general evaluation.

23. Course Policies:

A- Attendance policies: Attendance of 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:

24. Required equipment:

- Classroom with whiteboard and projectors.
- College library.
- Internet.
- Skills lab

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

25. References:

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

- a. Hacker & Moore's Essentials of Obstetrics and Gynecology
- b. Gynecology by Ten teachers
- c. Illustrated Obstetrics and Gynecology.
- d. E –learning site for the college.

Recommended materials, and media:

Lecture Notes, from seminars prepared by the consultants or fellows and given by them, recorded online lectures.

26. Additional information:

Student in consultant groups at JUH are divided into subgroups in the clinical rotation to increase the clinical rotation benefits.

External lecturers: The number of part timers was also increase in order to insure the proper subgroup teaching.

Revised by : Prof. Asma basha / Dr Nadia Muhaidat on 10/10/2023

Name of Course Coordinator: **Dr FidaThekrallah.** Signature: ----- Date: -----

Name of Course Coordinator: **Dr FidaThekrallah.** Signature: ----- Date: ----- Head of curriculum committee/Department: **Prof. Asma Basha.** , Signature: -----

Head of Department **Prof. Asma Basha.** Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

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

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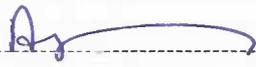
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of curriculum committee/Department: **Prof. Asma Basha.** Signature:  -----

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Dean: ----- -Signature: -----

