



Course Specification

Faculty: Medicine

Department: Obstetrics and Gynecology

Programme: Obstetrics and Gynecology , Undergraduate program

Basic Information

Course Title: Obstetrics and Gynecology

Course Code: OBGY 401

Contact Hours:48

Lecture: 60

Credit: 9

Prerequisites: Accomplished basic science phase

Academic Level: Fourth level

Term: Fall/ Spring (8 weeks module)

1- Course Overall Aims:

The clerkship rotation will take place at Makassed Hospital, Beirut, Lebanon, Hamoud Hospital, Saida Lebanon, Rafik al Hariri University Hospital and Howard Karagheusian Commemorative Corporation. The clerkship rotation will be taking place on weekly basis for a rotation of 8weeks from Monday until Friday. Tuesday is considered as an academic day, at the main campus of Beirut Arab University. The gynecological services comprise nearly one third of the discipline. The gynecological practice in mainly general but more recently several subspecialties such as oncology, uro-gynecology, infertility, minimal invasive surgery, and perinatology, fetal and maternal medicine, are added to this. The main training areas in the department are:

1. Obstetrics wards
2. Labor and delivery unit
3. Operating theatres

4. Ultrasound and radiology unit Duration of the clerkship rotation is 8 weeks. During the rotation the student will acquire the necessary knowledge, skills and attitudes relevant to management that all physicians should have. In addition, it emphasizes teamwork and professional behavior as essential qualities for young physicians should develop. During this rotation, students learn pre-postoperative evaluation and management of obstetrical /gynecological problems, attend, and have the 3 chance to participate in surgical procedures. Time is spent in the wards, and in the operating and labor rooms. Other important educational activities are daily bed side teaching weekly problem solving sessions, case presentation, research assignments and ultrasound sessions. Communication skills, ethics, professionalism and evidence-based medicine are integral to the program.



2- Intended Learning Outcomes of the Course (ILOs), after completing the course students will be able to acquire the following:

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| Knowledge and Understanding skills |
| K1- Antenatal care and common medical problems in obstetrics practice |
| K2- Normal labor and management of labor |
| K3- Management of Obstetric complications and obstetric emergencies |
| K4- Introduction to gynecological diseases |
| K5- overview to infertility |
| K6- Overview to urogynecology and oncology |
| Intellectual skills |
| I1- Application of labor process. |
| I2- Application of emergency settings in labor. |
| I3- Performing pelvic exam |
| I4- Performing pap smear. |
| I5- Applying dystocia maneuvers. |
| I6- Applying dilation and curettage. |
| Professional and Practical skills |
| P1- Applying communication skills in odd situations. |
| General and Transferable skills |
| G1- Communicate effectively with lecturer and colleagues. |
| G2- Participate as an adult learner by sharing knowledge and skills with others in preparation for lifelong learning. |



3- Weekly Distribution of Course Topics: (Theoretical, Clinical, Practical...)

| Week No. | Course Topic | OBGY401Clerkship Manual 2021-2022updated.pdf pages |
|------------|--|---|
| Week No. 1 | <ul style="list-style-type: none">• Introduction• Normal Labor (Lecture)• Breech presentation (Flipped Class)• Shoulder presentation (Flipped Class)• Cord prolapse and presentation (Flipped Class)• Nausea and vomiting of pregnancy (Flipped Class)• Physiological changes in pregnancy (Flipped Class)• Shoulder Dystocia(Flipped Class) <p>Simulation:</p> <ul style="list-style-type: none">• Normal labor• Shoulder dystocia | P 6-27 |
| Week No. 2 | <ul style="list-style-type: none">• Abortion (Flipped Class)• Ectopic pregnancy (Flipped Class)• Gestational trophoblastic disease (Lecture)• Operative vaginal delivery (Flipped Class)• Preterm labor (Lecture)• Preterm premature rupture of membranes (Flipped Class)• Fetal heart rate tracing (TBL) <p>Simulation:</p> <ul style="list-style-type: none">• Dilatation and curettage | P 6-27 |
| Week No. 3 | <ul style="list-style-type: none">• Placenta previa (Lecture)• Placenta accreta spectrum (Flipped Class)• Abruptio of placenta (Flipped Class)• Postpartum hemorrhage (Flipped Class)• Hypertensive diseases in Pregnancy (Lecture)• Post-term pregnancy (Flipped Class)• Ultrasound in pregnancy (Lecture)• Trial of labor after a Cesarean (TBL) <p>Simulation:</p> <ul style="list-style-type: none">• Operative vaginal delivery | p. 6-27 |
| Week No. 4 | <ul style="list-style-type: none">• Oligo/ Polyhydraminous (Lecture)• Intrauterine demise (Flipped Class)• Intrauterine growth restriction (Flipped Class)• Abnormal uterine bleeding (Lecture)• Dysmenorrhea (Flipped Class)• Anemia in pregnancy (Flipped Class)• Prenatal genetic screening (TBL) <p>Simulation:</p> | p. 6-27 |



| | | |
|----------------|---|------------------------|
| | <ul style="list-style-type: none">Shoulder dystocia | |
| Week No. 5 | <ul style="list-style-type: none">Polycystic ovary syndrome (Lecture)Fibroids (Lecture)Hirsutism (Flipped Class)Endometriosis (Flipped Class)Mullarian anomalies (Flipped Class)Multiple gestation (Flipped Class)Fetal surveillance (Flipped Class)Gestational Diabetes (Lecture) (Horizontal Integration / Peds) Simulation: <ul style="list-style-type: none">Pelvic examination 1 | p. 6-27 |
| Week No. 6 | Quiz <ul style="list-style-type: none">Pap smear screening (Flipped Class)Carcinoma in-situ (Flipped Class)Endometrial cancer (Lecture)Vulvar cancer (Flipped Class)Vaginal cancer (Flipped Class)Ovarian cancer (Lecture)Cervical cancer (Flipped Class) Simulation: <ul style="list-style-type: none">Pelvic examination 2 | p. 6-27 |
| Week No. 7 | CIVA Test <ul style="list-style-type: none">Vaginal discharge (Lecture)Menopause (Flipped Class)Teratogens (Flipped Class)Cardiac diseases in pregnancy (Lecture)Infertility (Lecture) Simulation: <ul style="list-style-type: none">Pap smear | p. 6-27 p.20 (CIVA) |
| Week No. 8 | <ul style="list-style-type: none">Urine incontinence (Flipped Class)Pelvic prolapse (Lecture)HIV in pregnancy (Flipped Class)Obstetrical Anesthesia (Flipped Class) OSCE | p. 6-27 p.36 (OSCE) |
| Week No. 16 | Final Written Exam. | |

4-a Teaching and Learning Methods:

Lecture (17 Lecture).

TBL (3 TBL)

Flipped Class (33 Flipped classes)

Simulation (7 Classes)



4-b Teaching and Learning Facilities/ Materials:

Lecture hall
White board
Personal computer
Data show
Electronic Databases
ACOG access
Moodle platform

5- Student Assessment Methods, Schedule and Grading:

| Assessment | Type | To Assess | Week No. | Weighing of Assessment |
|------------|--|---|----------|------------------------|
| 1 | Final Exam | Knowledge, understanding, diagnosis and treatment | 16 | 40 % |
| 2 | Quiz | Knowledge, understanding, diagnosis and treatment | 6 | 10 % |
| 3 | Form 6 DOCEE | Clinical skills | 7-8 | 10 % |
| 4 | Form 5 Hospital Staff | Case based discussion | 4 & 8 | 10% |
| 5 | Form 4 Attendance and Professionalism | Punctuality Ethics Attendance | 8 | 5% |
| 6 | OSCE | Skills | 8 | 10% |
| 7 | CIVA | Imaging and spot diagnosis | 7 | 5% |
| 8 | TBL | Evidence based medicine and knowledge | 2-3-4 | 5% |
| 9 | Logbook | Module activity | 8 | 5% |

6- List of References:

(A) Recommended Books:

Obstetrics Normal and Problem Pregnancies.

Gabbr Niebyl Simpson, Fifth edition Chrchill Living Stone

Williams Gynecology .

Hoffman Schorge Schaffer, Second edition, Mc Graw Hill



(b) General References:

Students are advised to visit web pages related American College of Obstetrics and Gynecology and uptodate.

<https://www.acog.org>

<https://www.uptodate.com/contents/search>