****

**Monday 25 November 2019**

AN-NAJAH NATIONAL UNIVERSITY

DEPARTMENT OF MEDICINE

Gynecology-Obstetrics Senior ILOs

(7224601)

# Course Outline

* **Course Details**

|  |  |
| --- | --- |
| Course Title | Gynecology-Obstetrics Senior |
| Course Number | 7224601 |
| Prerequisite(s) | Finish 5th year |
| Course Type:  | Compulsory |
| Credit Hours | 8 |

* **Class Details**

|  |  |
| --- | --- |
| Weeks | 8 weeks |
| Time | 4 days/ week 8:00 am- 2:00 pm and 6 (24 hours) on-calls |
| Location | An-Najah National University Hospital and Ministry of Health Hospitals affiliated to An-Najah National University in the northern of West Bank |

* **Course Description and Objectives**

|  |
| --- |
| This course is intended to expand on the knowledge acquired in the fourth year, with emphasis on the practical aspects of obstetrics and gynecology. During this course, students are expected to perform normal delivery, assisted delivery and handling with the delivery and postpartum issues such as episiotomy and the management of post-partum hemorrhage. Students also learn more about management of common obstetrics and gynecology diseases and to deal with common emergency situation in this field. They are also familiarized with the common screening and preventive methods that are related to women’s health and sexual issues including sexual transmitted diseases and birth control methods. Throughout the course, students are involved in the daily morning report, clinical rounds, outpatient clinics and interactive seminars. |

# Textbook(s) and Reference (s)

|  |
| --- |
| Textbook(s) |
| 1. **Hacker & Moore's Essentials of Obstetrics and Gynecology 6th edition, 2015 -With STUDENT CONSULT Online Access.** By [Neville F. Hacker MD](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Neville+F.+Hacker+MD&text=Neville+F.+Hacker+MD&sort=relevancerank&search-alias=books) (Author), [Joseph C. Gambone DO MPH Executive Editor](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Joseph+C.+Gambone+DO++MPH++Executive+Editor&text=Joseph+C.+Gambone+DO++MPH++Executive+Editor&sort=relevancerank&search-alias=books) (Author), [Calvin J. Hobel MD](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=Calvin+J.+Hobel+MD&text=Calvin+J.+Hobel+MD&sort=relevancerank&search-alias=books) (Author)
2. **Gynaecology by Ten Teachers, 20th Edition and Obstetrics by Ten Teachers, 20th Edition -With STUDENT CONSULT Online Access**. By [Louise Kenny](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Louise+Kenny&text=Louise+Kenny&sort=relevancerank&search-alias=books) (Editor), [Helen Bickerstaff](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Helen+Bickerstaff&text=Helen+Bickerstaff&sort=relevancerank&search-alias=books) (Editor), [Jenny Myers](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=Jenny+Myers&text=Jenny+Myers&sort=relevancerank&search-alias=books) (Editor)
3. **USMLE Step 2 CK Lecture Notes 2019: Obstetrics/Gynecology-With STUDENT CONSULT Online Access**. By [Kaplan Medical](https://www.simonandschuster.co.uk/authors/Kaplan-Medical/22941946)
 |
| References |
| * **Hacker & Moore's Essentials of Obstetrics and Gynecology 6th edition, 2015 -With STUDENT CONSULT Online Access.** By [Neville F. Hacker MD](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Neville+F.+Hacker+MD&text=Neville+F.+Hacker+MD&sort=relevancerank&search-alias=books) (Author), [Joseph C. Gambone DO MPH Executive Editor](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Joseph+C.+Gambone+DO++MPH++Executive+Editor&text=Joseph+C.+Gambone+DO++MPH++Executive+Editor&sort=relevancerank&search-alias=books) (Author), [Calvin J. Hobel MD](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=Calvin+J.+Hobel+MD&text=Calvin+J.+Hobel+MD&sort=relevancerank&search-alias=books) (Author)
* **Published Scientific papers.**
 |

# Textbook Cover



# Topics and Teaching Methods

**For the obstetrical patient the student should be able to**:

1. Assess the presence /absence of normal labor

2. Assess and diagnose ruptured membranes

3. Assess common problems in pregnancy such as perception of decreased fetal

movement, abdominal pain and vaginal bleeding

4. Assess fetal wellbeing during labor and delivery and the student will demonstrate the ability

to interpret electronic fetal monitoring.

5. Assess analgesia /anesthesia needs for a laboring patient

6. Assess and manage postpartum complications

**• For the gynaecology patient the student should be able to**:

1. To describe the age appropriate screening procedures and recommended time-intervals for

routine health maintenance and disease prevention in women.

2. Assess common emergency gynaecological problems such as abortion, ectopic

pregnancy, pelvic inflammatory disease, appendicitis and torsion

3. Manage common gynaecological issues such as contraception, menopausal

symptoms, dysfunctional uterine bleeding, sexually transmitted infections, vaginal and vulvar

disorders

4. Assess pelvic masses

5. Interpret cervical cytology results.

6. Have a working knowledge of infertility

7. Have a working knowledge of incontinence

8. List possible surgical complications and methods to minimize them

|  |
| --- |
| Topics were discussed during course in details (pathophysiology, risk factors, causes, diagnosis, physical exam, management and treatment plan) |
| Antepartum Care | Ectopic Pregnancy & Abortion |
| Intrapartum Care& Intrapartum Fetal Surveillance | Contraception & family planning  |
| Postpartum Care | Sexually Transmitted Infections |
| Medical Complications of Pregnancy | Pelvic Relaxation and Urinary Incontinence |
| Preterm Labor | Amenorrhea |
| Premature Rupture of Membranes (PROM) | Hirsutism and Virilisation |
| Dysfunctional labor& Shoulder Dystocia | Normal and Abnormal Uterine Bleeding |
| Second and third-Trimester Bleeding | Oncology |
| Postpartum Haemorrhage | Infertility  |
| Gestational Hypertension | severe PET & eclampsia |
| Multi-fetal Gestation | abdominal pain in pregnancy |
| Fetal Death | Urinary problems in gynaecology |
| Fetal Growth Abnormalities | obstetric emergencies (uterine inversion, uterine rupture, cord prolapse) |
| Isoimmunisation | Cesarean section |

# Updates and Advances in OB/GYN:

Students are involved in all of the hospital’s teaching activities including attending morning reports, Journal Clubs, lectures, seminars and Rounds. Updates on guidelines, Case study discussions and other advances in OB/GYN are usually a part of the Morning report, Journal Clubs and Mid-day activities. Students are involved in carrying out presentations in selected topics and cases nominated by their teaching physicians.

# Integration with Health system and Community

A valued focus on the most common issues in the Palestinian community which includes Family planning and contraception, antenatal care, gynecological malignancy and others. This is more obvious in morning reports, journal clubs and mid-day activities. Students are also in courage to do medical days that takes a picture of increasing awareness campaigns in the local Palestinian community that includes posters, brochures, and presentations that are all written and held in the common Arabic language that addresses all the community.

* **Topics Covered in Clerkships:**

|  |  |
| --- | --- |
| **Week** | **Topics** |
| 1 | History and physical examination with common terminology. Normal and Abnormal labor |
| 2 | Early pregnancy complications and bleeding  before 20 weeks.Induction of labor.Assisted vaginal delivery.Episiotomy. |
| 3 | PROM and preterm labor.Late pregnancy complications and bleeding.Hypertensive disease in pregnancy. |
| 4 | Fetal surveillance in pregnancy.Postpartum complications.IUGR and Macrosomia. Malpresentation. Multiple gestation.   |
| 5 | Operative delivery.Common medical conditions in pregnancy. |
| 6 | Pelvic inflammatory disease.Common genital tract infections. |
| 7 | Disorders of menstrual cycle Benign and malignant diseases of uterus, cervix and ovary. |
| 8 | Benign and malignant diseases of uterus, cervix and ovary.Pelvic prolapse. |

# Assessment

|  |  |  |
| --- | --- | --- |
| **Exam Format** | **Note** | **Weight (%)** |
| OSCE-exam | Practical exams done after the end of the clerkship on real patients to evaluate the medical knowledge of students, ability to take medical history, clinical skills and communication with patients. It includes one long case station of 10 minutes duration. In addition to one dry station in which there are 4 to 5 cases-questions with pictures, that students answer according to their knowledge in basic imaging and lab tests. | 40% |
| Written exam | An exam done at the end of the academic year to evaluate the medical knowledge. Moreover, these exams were provided from the National Board of Medical Examiners (NBME) in USA which is an independent, not-for-profit organization that serves the public through its high- quality assessments of healthcare professionals. | 40% |
| Evaluation  | Evaluation during rotation which depends on: daily attendance of morning report, educational rounds, clinical skills, basic medical procedures, group discussions, seminars, lectures attendance, student attitude and respect for patients and team. | 20% |
| Written cases and  | Students are required to write 10 full cases that includes History, Vital sings, Physical examination, Labs, Imaging and Differential diagnosis.  |
| Total |  | 100% |

# Student Evaluation Form During Clerkships

# Important Dates

|  |
| --- |
| * **At the end of the Academic year: OSCE Exam**
* **At the end of the Academic year: Written Exam**
 |

# Teaching and Learning Methods

|  |
| --- |
| **Tools** |
| 1. Lectures.
2. Small-group teaching.
3. Problem-based or case-based learning.
4. Peer assisted learning.
5. Bed-side teaching.
6. Clinical demonstrations.
7. Clinical skills laboratory training.
8. Field exercises in the community.
 |

# Course **Policies**

* Students should attend all the activities mentioned above during this clerkship every day, and do the required on-calls.
* The maximum allowed absence is 10% of the clerkship’s duration and this only in case of an accepted situation evaluated by the Department of Medicine.
* Students are not allowed to have even a single day off without an accepted reason evaluated by the department of medicine. In that case, 2 points of the clerkship total will be subtracted and this will be added to the student file record.