

Hashemite University
Faculty of Medicine
Department of Obstetrics and Gynecology
2023-2024
Obstetrics and Gynaecology I Syllabus

Course information

Course title: Obstetrics and Gynaecology Number 1

Course number: 111505501

Credit hours: 9

Course date: 24/09/2023 for 8 weeks

Repeated

Course meeting time: 0800-1700 hrs Sunday through Thursday

Course location: Prince Hamza Hospital (PHH)
Al-Zarqa New Government Hospital
Queen Alia Hospital
Al-Basheer Hospital
Al-Mafraq Hospital
King Hussein Medical City
Prince Hashem Hospital
Online Sessions

Instructors:

Instructor	Office Location	Office hours	Phone	E-mail
Dr Fida Al-Asali		Thursday 0800- 1700hrs	07917526 14	Fida_a_99@yahoo.com
Dr Rami Kilani		Thursday -0800 hrs1700	07754010 0	Rkilani200@yahoo.com
Dr Firas AL-Rshoud		Thursday 0800- 1700hrs	07973546 72	reshoud75@gmail.com
Dr Hamza Al-Amoosh		Thursday 0800- 1700hrs	07994447 92	dr.hamza.alamoosh@gmail.com
Dr Dima ALzaghari		Thursday 0800- 1700hrs	07990612 84	zgharidima@gmail.com
Dr Lubna Batayneh		Thursday 0800- 1700hrs	07966611 96	Lubnam_fa@hu.edu.jo
Dr Lubna Masaadeh		Thursday 0800- 1700hrs	07979057 93	lubnah@hu.edu.jo

Dr Moad Bani Hani		Thursday 0800- 1700hrs	07902749 93	moaths@hu.edu.jo
Dr Hadeel Rawahneh		Thursday 0800- 1700hrs	07996825 28	hadeelf@hu.edu.jo

Instructors can be contacted at PHH.

WhatsApp group is created every rotation for easier communication and announcements.

Microsoft teams is created every rotation for online teaching and examination.

Pre-requested course: Passing year four successfully

Course description

This course offers a general obstetrics-gynaecology experience over eight weeks. Rotating within five hospitals, the students will be exposed to a variety of cases including antenatal, postnatal patients, Obstetric and gynaecological assessment, pre-operative patients in a clinic setting. Hospital rounds, assisting in patient deliveries, including operative deliveries (Instrumental and C/Sections) and Gyn Surgery, are expected.

Course Expectations: Progressive levels of responsibility, culminating in the ability to evaluate and formulate an appropriate treatment, care plan.

Learning outcomes

- Upon completion of the basic clerkship, each student should be able to:

A. Demonstrate skills in independent learning and critical thinking.

B. Obtain and record clearly a complete medical history, conduct a complete Physical Examination, and:

(1) Identify normal and abnormal patterns (physical, intellectual and social).

(2) Identify and accurately record the patient's problems (physical, intellectual and social).

(3) Assess the data in the context of the patient's status; formulate a problem and list for both acute and long-term problems.

(4) Obtain necessary supplementary information and reassess the patient's status at appropriate intervals

(5) Present verbally at bedside or in conference, a concise summary of the patient.

C. Establish a relationship of mutual respect between the physician, patient and the patient's family, and acquire the basic interpersonal skills which facilitate this relationship.

D. Appreciate the role of community agencies, practicing physicians and community health care programs in facilitating optimal care.

E. Develop positive attributes which will serve as the basis for a successful Professional career.

F. Develop study habits which will enhance lifelong learning.

- **Medical Knowledge:**

- The student will be able to describe the maternal physiologic and anatomic changes associated with pregnancy and the physiologic functions of the fetus and placenta.
- The student will be able to describe the stages, mechanisms and management of normal labor and delivery and identify common problems in obstetrics.
- The student will be able to describe potential consequences of medical and surgical conditions in pregnancy.
- The student will be able to explain the physiologic or pharmacologic basis of action, effectiveness, benefits and risks and financial considerations of various methods of contraception.
- The student will be able to describe the endocrinology and physiology of the normal menstrual cycle, including menopause, and to describe causes, evaluation methods and therapeutic options for abnormal uterine bleeding.

- **Patient Care:**
 - The student will demonstrate the ability to perform a thorough Ob/Gyn history, including menstrual history, obstetric history, gynaecologic history, contraceptive history and sexual history.
 - The student will demonstrate the ability to perform an obstetric-examination (Leopold's maneuvers).

- **For the obstetrical patient** the student should be able to:
 1. Assess the presence /absence of normal labour
 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 well-being during labor and delivery and the student will demonstrate the ability to interpret electronic fetal monitoring.
 5. Assess analgesia /anesthesia needs for a labouring patient
 6. Assess and manage postpartum complications
- **For the gynaecology patient** the student should be able to:
 1. Describe the age appropriate screening procedures and recommended time intervals for routine health maintenance and disease prevention in women.
 2. Assess common emergency gynaecologic 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. Have a working knowledge of infertility
 5. Have a working knowledge of incontinence
 6. List possible surgical complications and methods to minimize them

Instructional methods:

Various learning approaches and activities are incorporated into this course including

➤ Bedside teaching/ward rounds

Students prepare the cases and present them. Physical examination is demonstrated, and students are observed doing the examination with a feedback.

➤ Online teaching/seminars

Students prepare hypothetical cases and present them. Physical examination is discussed and demonstrated online through professional videos. Feedback is given.

➤ **RIME with Reasons**

RIME is a classification measure of a student's progression from that of a **Reporter** to **Interpreter**, to **Manager/Educator**. Most medical students should be able to demonstrate they can reliably gather the facts on patients and present this information in an organized manner. It is expected that the students will progressively synthesize this information, learning to connect signs and symptoms with tests, and to develop a differential diagnosis.

➤ **Prompting students** by asking questions to think and search evidence-based resources.

Students value questioning, especially when we ask their opinion and ask them to formulate a plan. Active questioning will give them the opportunity to demonstrate their knowledge, reasoning and management skills.

➤ **Lectures**

These are done by the instructors and are interactive.

➤ **Attending the labour ward**, the student will interpret Non-stress test, do obstetric and vaginal examination, watch normal and instrumental deliveries.

➤ **Log books to check competencies and tailor individual plans if needed**

➤ **OSCE assessment at the end of the 8-week rotation**

Text book and materials

Recommended books:

1. Hacker & Moore's Essentials of Obstetrics and Gynecology
2. Monga A. Gynaecology by Ten Teachers
3. Baker PN. Obstetrics by Ten Teachers
4. Magowan B, Owen P, Drife J. Clinical Obstetrics and Gynaecology
5. Callahan TL, Caughey AB, Heffner LJ. Blueprints Obstetrics and Gynaecology
6. Edmonds DK. Dewhurst Textbook of Obstetrics and Gynecology
7. Morgan M, Siddighi S. National Medical Series for Independent Study Obstetrics and Gynecology
8. Novak's Gynaecology
9. Williams Obstetrics
10. Current clinical strategies, gynecology and obstetrics

Grading Policy:

Grades can be based on the following:

Class attendance/ participation/ Logbook: 20%

End of Course OSCE evaluation: 35%

Final MCQ Exam: 45%

Total points 100

Course Policies:

Late Assignments will not be accepted

Missed exams (OSCE) will only be repeated if there is an acceptable excuse at the departmental meeting. The exam will be done with the following group. Theory and oral exams follow the HU guidelines and need approval at the Faculty meeting.

Absence as per the HU guidelines 10% of the rotation without an excuse, 15% with an excuse. Missing any part of the daily allocated activities will be counted for as absence.

Cheating will be treated as per the HU guidelines.

Classroom/online teaching Protocol:

The students should demonstrate the following professional and ethical behavior and skills:

1. . Each student is dutiful, arrives on time, stays until all tasks are complete, attend online sessions on time and open his/her camera through them.
2. Consistently follows through on patient care responsibilities.
3. Accepts and readily responds to feedback, is not resistant to advice.
4. Assures professionalism in relationships with patients, staff & peers.
5. Displays integrity & honesty in medical ability and documentation.
6. Acknowledges errors, seeks to correct errors appropriately.
7. Is well prepared for and seeks to provide high quality patient care.
8. Identifies the importance to care for underserved populations in a non-judgmental manner.

Important Dates to Remember:

Last Thursday of the 8-week rotation: OSCE assessment

Final MCQ Exam: 22nd of May to 9th of June 2024

Students rights and responsibilities

Students are expected to be present for the various elective activities that will be noted by the clinical staff in the department.

Attendance is expected at the various clinical activities including morning ward rounds, operating room when assigned, afternoon rounds, conferences, online sessions and any activity specifically requested by the attending instructor.

Students are expected to be punctual for all various activities noted on the weekly schedule.

Failure to adhere to the schedule will result in undue delays and inconveniences to patients, students and faculty.

Dress Code: It is expected that students carry themselves in **professional manner**; this includes appropriate clothing while engaged in patient care. This also applies to online sessions when cameras are turned on and the operating room where scrubs are needed.

Responsibilities of the Instructors:

1. Treat all learners with respect and fairness.
2. Treat all learners equally regardless of age, gender, race, ethnicity, national origin, religion, disability, or sexual orientation.

3. Provide current materials in an effective format for learning.
4. Be on time for didactic, investigational, and clinical encounters.
5. Provide timely feedback with constructive suggestions and opportunities for improvement/remediation when needed.

Course Schedule:

- . The group will be subdivided into 10 smaller groups rotating in 7 hospitals.

Lectures will be presented once weekly on Thursdays 0800-1600 hours
whether in classrooms or via Microsoft teams.

First week	Dr. Rami Kilani
Second week	Dr.Fida Al-Asali/ Dr. Murad Rabadi
Third week	Dr. Firas Rshoud
Fourth week	Dr. Dima Zghari/ Dr Lubna Batayneh
Fifth week	Dr.Fida Al-Asali/ Dr Lubna Massadeh
Sixth week	Dr. Hamza Omoush/ Dr Moath Bani hani
Seventh week	Dr. Hadeel Rawahnen

Dr Rami Al-Kilani

Clinical approach to the patient
Physiological changes in pregnancy
Multifetal gestation
IUGR/IUFD

Dr Firas Al-Rshoud

Ectopic pregnancy & early pregnancy complications
Puberty and its disorders
Amenorrhea/ Oligomenorrhea
Hirsutism/ PCOS
Subfertility

Dr Hamzah Al-Amoush

Benign and malignant cervical disease
Pelvic organ prolapse
Urinary incontinence
Endometriosis/ Adenomyosis

Dr Dima Zaghari

Benign and malignant diseases of ovary
Benign and malignant disease of uterus include fibroids
Benign and malignant disease of vulva and vagina

Dr Fida Al-Asali

Menstrual cycle
Menstrual disorders and AUB
Menopause
Family planning

Dr Moath Bani Hani

Medical disease in pregnancy including
Iron deficiency anaemia/ folate deficiency anaemia
Hemoglobinopathies/ Sickle cell syndrome
Thrombocytopenia
Systemic lupus/ APS
Hyperemesis gravidarum
Heartburn
Cholestatic jaundice
Constipation

Epilepsy

Endocrine disorders including hypo- and hyperthyroidism

Respiratory disorders- Bronchial asthma

UTI and asymptomatic bacteruria

Assessment of fetal well-being

CTG/ Doppler ultrasound/ Biophysical profile/ prenatal diagnosis (amniocentesis, chorionic villus sampling, fetal blood sampling)

Double/triple/quadrable tests and NT

Rhesus iso-immunization and non-immune hydrops

Puerperium and post-partum care

Dr Lubna Massadeh

Gynaecological infections

Physiological discharge

Pre-pubertal and postmenopausal Noninfectious vulvovaginitis

Infectious vulvovaginitis

Candidiasis, bacterial vaginosis, trichomoniasis

Sexually transmitted diseases

Chlamydia, gonorrhea, genital warts, molluscum contagiosum, herpes simplex of the vulva, syphilis, chancroid, donovanosis, lymphogranuloma venereum

PID and chronic pelvic pain

Perinatal infections

Rubella, Toxoplasmosis, CMV, Chickenpox, Hepatitis, Herpes Simplex

Post-term pregnancy and Induction of Labour and termination of pregnancy (TOP) for fetal anomalies

Premature rupture of membranes

Dr Lubna Batayneh

Hypertensive disease of pregnancy

Venous Thromboembolism in pregnancy

Cardiac disease in pregnancy

Normal Labour and delivery

Abnormal labour

Instrumental delivery

Dr Hadeel Rawahneh

Diabetes in pregnancy

Molar pregnancy

Obstetric haemorrhage APH

Post-partum haemorrhage PPH

Caesarean delivery

Preterm labour

**This will be followed by OSCE exam on the last Thursday
in the 8th week.**