COURSE TITLE : OBSTETRICS AND GYNAECOLOGY
COURSE CODE : M 640
CREDIT HOURS : 9 CREDITS
CALENDAR DESCRIPTION : 8 WEEKS
COURSE COORDINATOR : Chairman of the Department
Contact : medicine@just.edu.jo

M640 Obstetrics and Gynecology II (9 Credits hours, 8 weeks)
This course is intended to expand on the knowledge acquired in the fifth year, with emphasis on the practical aspects of obstetrics and gynecology. During this course, students are expected to learn more about management of common obstetric and gynecology diseases and to deal with common emergency situation in this field. Throughout the course, students will be involved in the daily morning report, clinical rounds, outpatient clinics and interactive seminars.

A. Methods of Instructions:
- Bed- side teaching sessions
- Seminars
- Clinical skill lab
- Case Discussion

B. Bed side teaching:
This is a 3-hour hospital based daily sessions for a small group of students (about 10-12 students), supervised by a staff member, where the students acquire the following skills:
- Taking appropriate history by taking history from patient
- Conducting proper physical examination for patients with various common obstetrics and gynaecology problems
- The students are expected to generate a problem list or differential diagnosis for common obstetrics and gynaecology and know how to reach a diagnosis by rationale utilization of laboratory and imaging facilities.
The students rotate between King Abdullah university hospital, governmental hospitals and military hospital.

C. Clinical rotations in the outpatient clinics, Operating theatre, Delivery suite and emergency room
D. Clinical skill Lab: each group of students spends four sessions per rotation in a clinical skill lab. The students are expected to practice:
- Obstetric examinations and conduct of vaginal delivery
- Bimanual examination and cervical smear taking
- Counseling and application of various methods of contraception

General objectives (Maximum 10 objective)

Medical Knowledge
1. 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.
2. The student will be able to describe the stages, mechanisms and management of normal labor and delivery and identify common problems in obstetrics.
3. The student will be able to describe potential consequences of medical and surgical conditions in pregnancy.
4. 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.
5. 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.
6. The student will be able to describe age and risk-appropriate recommendations for the screening of reproductive cancers.

Patient Care
1. The student will demonstrate the ability to perform a thorough Ob/Gyn history, including menstrual history, obstetric history, gynecologic history, contraceptive history and sexual history.
2. The student will demonstrate the ability to perform an obstetric-gynecologic examination, including breast examination and complete pelvic examination that is comfortable for the patient.
3. The student will demonstrate the ability to collect and interpret cervical cytology results.
4. The student will demonstrate the ability to interpret electronic fetal monitoring.
5. The student will demonstrate the ability to interpret a wet mount microscopic examination.
6. The student will demonstrate the ability to communicate the results of the OB/GYN history and physical examination by well organized written notes and oral reports.
7. The student will demonstrate the ability to develop hypotheses, diagnostic strategies and management plans in the evaluation of antepartum, intrapartum and postpartum patients.
8. The student will demonstrate the ability to develop hypotheses, diagnostic strategies and management plans in the evaluation of patients with gynecologic problems, including routine postoperative care following gynecologic surgery.
9. The student will be able to create a differential diagnosis of the “acute abdomen” in women of reproductive age, including pelvic infection, ectopic pregnancy, adnexal torsion, appendicitis, diverticulitis and renal calculi.
10. The student will be able to describe the age appropriate screening procedures and recommended time intervals for routine health maintenance and disease prevention in women.
11. The student will be able to describe the symptoms, physical findings, evaluation, management and public health concerns of various vaginal and vulvar disorders, including sexually transmitted infections.
12. The student will be able to describe the basic approach to evaluating common symptoms associated with the breast, including preventive measures for maintaining breast health as well as issues related to lactation.

**Interpersonal and Communication Skills**
1. The student will demonstrate the ability to interact with the patient to gain her confidence and cooperation and assure her comfort and modesty.
2. The student will demonstrate the ability to assess and counsel women for sex- and gender-appropriate reduction of risk, including lifestyle changes and genetic testing, in a manner that is sensitive to cultural beliefs.
3. The student will demonstrate the ability to share knowledge effectively with peers.

**Professionalism**
1. The student will show compassion in the treatment of patients and respect for their privacy, dignity and beliefs.
2. The student will acknowledge and accept the limitations in his or her knowledge and clinical skills and seek assistance when appropriate.

The above set of learning objectives is designed to communicate clearly what is expected in terms of the knowledge, skills, and attitudes that ideally would be acquired during the obstetrics and gynecology clerkship by all students, regardless of their choice of medical specialties.

**Seminars:**
- Management of abdominal pain in pregnancy
- Management of early pregnancy bleeding
- The management of the small for the gestational age
- Management of patients with severe PET & eclampsia
- Management of recurrent miscarriage
- Management of abnormal vaginal bleeding
- Maternal and perinatal mortality & morbidity
- Approach to fetal anomalies
- Management of the infertile couple
- Principles of Gynaecological surgery
- Management of obstetric haemorrhage (APH, PPH)
- Cesarean section
- Vaginal discharge and pruritis vulvae
- Family planning
- Management of patients with abnormal cervical smear
- Management of pelvic mass
- Principles of assisted reproductive technology
- Urinary problems in gynaecology
- Abnormal labor
- Management of obstetric emergencies (uterine inversion, uterine rupture, cord prolapse, shoulder dystocia)
Week (1-8): typical week timetable

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<th>SUNDAY</th>
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<td>8-9</td>
<td>Morning report</td>
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<td>Grand round</td>
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<td>12.30-2</td>
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Assessment: I listed the format for the organ system, Please make necessary adjustments to fit your course

<table>
<thead>
<tr>
<th>EXAM FORMAT</th>
<th>WEIGHT (%)</th>
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<tbody>
<tr>
<td>FIRST EXAM (end of rotation)</td>
<td>OSCE format</td>
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<tr>
<td>In course evaluation</td>
<td>Faculty members</td>
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<tr>
<td>FINAL EXAM</td>
<td>MCQ</td>
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<tr>
<td>Final exam</td>
<td>viva</td>
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Recommended text book:

<table>
<thead>
<tr>
<th>Author</th>
<th>publisher</th>
<th>Title</th>
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<tbody>
<tr>
<td>Hacker, Moore, GAMB</td>
<td>W B Saunders</td>
<td>Essentials Of Obstetrics And Gynecology</td>
</tr>
<tr>
<td>Campbell, Monga</td>
<td>Hodder Arnold</td>
<td>Gynecology By Ten Teachers</td>
</tr>
<tr>
<td>Campell, lees</td>
<td>Hodder Arnold</td>
<td>Obstetrics By Ten Teachers</td>
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Suggested readings

Medical websites relevant to the field