Faculty Guidebook for the Obstetrical and Gynecological Core Rotation

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<th>Course No.:</th>
<th>OM7090</th>
<th>Course Title:</th>
<th>Ob/Gyn</th>
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<td>Credit Hours:</td>
<td>6 weeks, 15 credit hours</td>
<td>Chair:</td>
<td>Lony Castro, M. D.</td>
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<td>Term - Dates:</td>
<td>Variable in OMS III academic year</td>
<td>Level:</td>
<td>OMS III</td>
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**Educational Goal**

**Purpose of the Rotation**
The purpose of this rotation is to provide the student with a solid foundation in the diagnosis and management of common obstetric and gynecologic conditions as well as health care maintenance and disease prevention for women. In addition, the rotation should expose the student to the full breadth of the clinical specialty of Ob-Gyn so that those students specifically interested in Women’s Health will be better prepared to decide if they should pursue post graduate training (i.e. a residency) in Obstetrics and Gynecology.

**Rotation Description**
This rotation provides instruction in the physiology and patho-physiology of the obstetric and gynecologic patient. Special attention will be devoted to the recognition and management of common problems typically seen by primary care physicians as well as conditions which may be less common, but could be life threatening if not diagnosed correctly. Students will evaluate obstetric and gynecologic patients in the inpatient and outpatient setting. They will perform breast and pelvic examinations and write notes in the medical record. Students will have the opportunity to be present in the operating room and to assist in major and minor gynecological surgical procedures. They will participate in vaginal and cesarean deliveries.

**Teaching Goals**
Provide the student with a broad exposure and experience in obstetrics and gynecology, including an osteopathic focus.
- Develop a basic understanding of the diagnosis and management of common gynecological problems.
- Have an understanding of the importance of serving the community’s primary care needs in osteopathic obstetrics and gynecology with compassion and thoughtfulness.
- Demonstrate the ability to perform a thorough gynecologic history and physical examination competently.
- Recognize any deviation from the normal pelvic examination.
- Demonstrate knowledge of commonly performed gynecological surgical procedures and familiarity with the diagnostic workup and management of various gynecologic disorders and malignancies.
- Explain the management a normal pregnancy and stages of an uncomplicated vaginal delivery.
- Recognize a high-risk pregnancy—including the common presentations of spontaneous abortion, ectopic pregnancy, preeclampsia and preterm labor.
- Demonstrate familiarity with indications, contra-indications, usage, and complications of various methods of contraception.
- Have a thorough understanding of published guidelines addressing health maintenance and preventive care across a woman’s lifetime.

### Core Ob/Gyn Clerkship Learning Objectives

For a complete list of all learning objectives that a medical student should know, go to the Association of Professor of Gynecology and Obstetrics (APGO) website. To access the website go to [www.APGO.org](http://www.APGO.org), User name is: Directory and the password is Westernu299.

### Rotation Faculty

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### Texts and Media

#### Required

- An excellent current text aimed at the medical student that should cover all the core objectives. Excellent use of boldface type to highlight important material. Good references for additional reading at the end of each chapter. Reading this textbook in conjunction with your OB/GYN rotation should ensure that you learn the APGO learning objectives. It is the core textbook in most medical schools. The text was also required for the second year course on the Reproductive System.

#### Supplemental Textbooks

Beckmann et al; *Obstetrics and Gynecology* (5th ed); Williams and Wilkins
- This textbook is closely linked to the Association of Professors of Gynecology and Obstetrics (APGO) learning objectives. Chapters in this book are short and have case studies that include board review type questions with detailed answers.

Blueprints in Obstetrics and Gynecology
- Good board review type questions with clinical pearls

*Williams Obstetrics* (McGraw Hill)
This is the classic textbook on Obstetrics written by and for obstetricians. It is lengthy but eminently readable. It is recommended students going on to practice obstetrics (either as an Ob-Gyn or Family Physician).

**Osteopathic Manipulation in Obstetrics & Gynecology:**

**Electronic sources**
Epocrates, up-to-date or MD Consult are useful as quick reference sources while you are seeing patients.

*NOTE: Individual preceptors may include other resources. You will be notified of these resources by each preceptor.*

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**Rotation Format, Evaluation, Grading, and Student Feedback**

**Involvement/Duties:**
The preceptor or institution is responsible for determining the degree of student involvement during the rotation. This includes access to the facility and areas within the facility, clinical access to patients, access to and contribution to the medical record, and observation and participation in procedures. If a licensed physician is not on the physical premises, a student is not to conduct patient care of any kind.

**Suggested daily schedule:**

**Early morning:**
- Student pre-rounds on 3-4 patients
- Reviews overnight events
- Writes progress note
- Updates labs, imaging, microbiology
- Student reports to intern or resident if appropriate

**Rounds:**
- Student presents patients he/she pre-rounded on
  - Presentation should be logical, clear, and concise and include assessment and plan
  - Student answers questions and demonstrates reading on relevant topics
  - Student participates in discussion of all patients

**Post rounds:**
- Student scrubs in to scheduled surgeries and assists with management of all stages of labor. May serve as 1st assist if approved by attending and appropriately prepared to answer questions. May deliver uncomplicated NSVD and repair lacerations with supervision.
- Student attends any scheduled didactics
- Student assists attending physician or resident physician with daily duties and patient follow up
- Student participates in new patient admissions including performing complete history and physical examinations.
- Student independently studies on relevant topics of the day and prepares for pre-rounding
- Student participates in outpatient clinic if appropriate
Evaluation/Grading
Student preceptor evaluations are based upon, but not limited to, the following:

- Attendance and active participation in patient care activities (in both the inpatient and outpatient settings) and didactic activities.
- Knowledge base/evidence of on-going activity to increase knowledge base.
- Demonstration of skills and completion of recommended procedure checklist.
- Interactions with patients, students, residents, attendings, nurses, and other hospital/office staff: professionalism.
- Quality of verbal and written communications, especially patient presentations on hospital rounds and in the ambulatory care clinic, written hospital notes (admitting notes as well as progress notes), and clinic notes (including SOAP notes and problem lists).
- Motivation/reliability.
- Completion of case based presentation.
- Performance on shelf board exam.

Shelf Exam Preparation and Review Questions
The test will be based on the APGO Educational Learning Objectives and you must pass the test in order to pass the clerkship. Please use the online test bank called uwise created by APGO for this purpose. There are detailed explanations regarding the reasoning behind each question and it’s best answer. There is no charge to use this. To access the test bank go to the APGO website (www.apgo.org), click on elearn then uwise. Our username is westernu and password is uwise. You do not have to submit your answers.

OB/Gyn Clerkship Areas of Competency

Recommended Procedure Checklist
Third year medical students benefit from exposure to OB/Gyn procedures. Below is a recommended list of procedures to complete during your clerkship and a recommended list of procedures to observe.

Recommended Procedures to do:
- Admission H&P (Obstetrical and Gynecological)
- Progress Notes for inpatient and outpatient settings
- Breast exam and teach breast self exam
- Pelvic Exam with cultures and PAP smear
- Wet mount preparation and interpretation
- Ob exam (fundal height, FHT’s Leopold’s)
- Follow Ob patient from admission to delivery
- Assess fetal monitor strip
- Cervical Exam in labor
- Scrub in to:
  - Laparoscopy
  - Abdominal Hysterectomy
  - Vaginal hysterectomy/repair
  - NSVD
  - C-Section
Bilateral Tubal Ligation

**Recommended Procedures to do or see:**
- Colposcopy with or without cervical biopsy/endometrial biopsy/cryotherapy/LEEP
- Sterile speculum exam
- Repair of episiotomy or laceration
- Vacuum or forceps delivery
- Place FECG, IUPC
- AROM
- OB ultrasound

**Required Presentation:** Students are required to complete one case-based presentation, including an in-depth discussion of one or more aspects of the case (e.g., a presenting symptom or sign, a diagnostic category or management issue) that you want to learn more about during your rotation. *The actual case chosen should be based on a patient the student personally evaluated* in either the inpatient or outpatient setting. The presentation will be given to the Ob-Gyn Attending Physician/Preceptor and any other members of the medical team (e.g., medical students, interns, residents). The presentation should be about 15-20 minutes in length and should be accompanied by handouts including a written description of the case and an evidence-based discussion of the topic to be presented with a list of the recent literature used to obtain information for the discussion. The literature could include material from journal articles, national guidelines, professional publications, and web sites such as the American College of Obstetricians and Gynecologists (ACOG) or recent textbooks.

**Suggested Topics for Case Based Presentation**

**Obstetric Topics:**
- Ectopic Pregnancy/Miscarriage/First Trimester Bleeding
- Fetal Monitoring
- Infections in Pregnancy
- Third Trimester Bleeding/Placenta Previa or Abruptio
- Hypertension/Preeclampsia
- Diabetes in Pregnancy
- Thyroid Disease in Pregnancy
- Preterm Labor or Ruptured Membranes
- Management of Normal and Abnormal Labor
- Postpartum Bleeding
- Prenatal Care
- Preconception Counseling

**Gynecological Topics:**
- Abnormal Uterine Bleeding
- Abortion
- Abnormal Pap Smear
- Gynecologic Malignancy
- Uterine Myomas (Fibroids)
- Endometriosis
- Infertility
- Menopause
- Ovarian Masses
- Pelvic Relaxation
- Sexually Transmitted Disease
- Pelvic Inflammatory Disease
- Vaginal Discharge/Vaginitis
- Urinary Incontinence

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