



Edward Via College of Osteopathic Medicine

4th Year Clinical Rotation: Gynecology Oncology

MED 8300: Surgical Selective Clinical
Rotation I MED 8310: Surgical Selective
Clinical Rotation II

COURSE SYLLABUS

Chair	Contact Information
Kenneth L. Harris, MD Associate Chair for Obstetrics and Gynecology	Phone: 334-442-4045 Email: klharris@auburn.vcom.edu
Carrie L. Champine, DO Chair of Obstetrics and Gynecology - VC	Phone: 540-231-5714 Email: cchampine@vcom.vt.edu
Natasha Jeter, MD Associate Chair for Obstetrics and Gynecology	Phone: 864-327-9889 Email: njeter@carolinas.vcom.edu

I. Rotation Description

The rotation in Gynecology Oncology will involve direct participation in the care of patients in the operating room, ambulatory clinic and inpatient hospital services. During this rotation, the student receives training in the management of gynecologic oncology patients. The student participates in the evaluation and treatment of patients, gaining experience in surgery, colposcopy, pathology chemotherapy and radiation techniques. By the end of the rotation, the student should be familiar with the staging of different gynecologic malignancies, common treatment modalities and important prognostic factors affecting survival. In addition, the student will be exposed to the immediate postoperative care of the acutely-ill patient. Specific learning activities include: Pre-and postoperative care of the oncology surgical patient, assistance in the operative cases on the service, and attendance in the clinics of gynecology oncology attendings. Additionally, at some locations, didactic sessions including lectures, tumor board conferences and research meetings will supplement the core clinical experience.

II. Rotation Goals

The medical student will acquire and demonstrate knowledge about core areas in Gynecology Oncology including:

- a. The epidemiology, pathophysiology, staging, usual presentation and means of diagnosis as well as common treatment methods for the following gynecologic malignancies:
 - i. Vulvar cancer
 - ii. Vaginal cancer
 - iii. Cervical cancer
 - iv. Uterine cancer
 - v. Ovarian cancer
 - vi. Fallopian tube cancer
 - vii. Gestational trophoblastic disease

- b. The basic principles of radiobiology, including external therapy and brachytherapy and their immediate application to the treatment of gynecologic cancers, as well as possible complications of treatment
- c. The basic principles of chemotherapy, including their pharmacology, indications, contraindications and common side effects
- d. Age and risk-appropriate recommendations for screening of reproductive cancers
- e. Routine care of postoperative patients and clinical skill development to recognize when a patient is showing signs and symptoms of physiologic decompensation such as sepsis, pulmonary embolus, myocardial infarct or internal bleeding
- f. Initial best practices for the acute care of a patient who is manifesting signs of physiologic decompensation
- g. Familiarity with pelvic anatomy, both internal and external with emphasis on the blood supply to pelvic organs, urethral location and course and retroperitoneal anatomy

III. **Rotation Design**

The rotation in Gynecology Oncology will involve direct participation in the care of patients in the operating room, outpatient office setting and inpatient hospital.

IV. **Credits**

4 week course = 4 credit hours (MED 8300 or MED 8310)

V. **Suggested Textbook and References**

- a. Clinical Gynecologic Oncology: Expert Consult 8e, DiSaia, Philip J. and Creasman, William T.

VI. **Course Grading/Requirements for Successful Completion of the Gynecology Oncology Rotation**

- a. Attendance according to VCOM and preceptor requirements
- b. Preceptor Evaluation at end-of-rotation

Grading policies, academic progress, and graduation requirements may be found in the *College Catalog and Student Handbook* at: <http://www.vcom.vt.edu/catalog/>.

VII. **Clinical Performance Objectives**

The end-of-rotation evaluation for this rotation will be completed by your preceptor and is based on clinical core competencies. These core competencies reflect student performance in 6 key areas: communication, problem solving, clinical skills, medical knowledge, osteopathic medicine and professional and ethical considerations. Your end-of-rotation evaluation from your preceptor will be based directly on your performance in these 6 core competencies as described below.

- a. Communication - the student should demonstrate the following clinical communication skills:
 - 1. Effective listening to patient, family, peers, and healthcare team
 - 2. Demonstrates compassion and respect in patient communications
 - 3. Effective investigation of chief complaint, medical and psychosocial history specific to the rotation
 - 4. Considers whole patient: social, spiritual & cultural concerns
 - 5. Efficiently prioritizes essential from non-essential information
 - 6. Assures patient understands instructions, consents & medications
 - 7. Presents cases in an accurate, concise, well organized manner

- b. Problem Solving – the student should demonstrate the following problem solving skills:
 - 1. Identify important questions and separate data in organized fashion organizing positives & negatives
 - 2. Discern major from minor patient problems
 - 3. Formulate a differential while identifying the most common diagnoses
 - 4. Identify indications for & apply findings from the most common radiographic and diagnostic tests
 - 5. Identify correct management plan considering contraindications & interactions

- c. Clinical Skills - the student should demonstrate the following problem solving skills:
 - 1. Assesses vital signs & triage patient according to degree of illness
 - 2. Perform good auscultatory, palpatory & visual skills
 - 3. Perform a thorough physical exam pertinent to the rotation

- d. Osteopathic Manipulative Medicine - the student should demonstrate the following skills in regards to osteopathic manipulative medicine:
 - 1. Apply osteopathic manipulative medicine successfully when appropriate
 - 2. Perform and document a thorough musculoskeletal exam
 - 3. Utilize palpatory skills to accurately discern physical changes that occur with various clinical disorders
 - 4. Apply osteopathic manipulative treatments successfully

- e. Medical Knowledge – the student should demonstrate the following in regards to medical knowledge:
 - 1. Identify & correlate anatomy, pathology and pathophysiology related to most disease processes
 - 2. Demonstrate characteristics of a self-motivated learner including demonstrating interest and enthusiasm about patient cases and research of the literature
 - 3. Are thorough & knowledgeable in researching evidence based literature
 - 4. Actively seek feedback from preceptor on areas for improvement
 - 5. Correlate symptoms & signs with most common diseases

- f. Professional and Ethical Behaviors - the student should demonstrate the following professional and ethical behaviors and skills:
 - 1. Is dutiful, arrives on time & stays until all tasks are complete
 - 2. Consistently follows through on patient care responsibilities
 - 3. Accepts & 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 & altruistic manner

- g. Osteopathic Manipulative Medicine Components
Students must be familiar with the OMM didactic and workshop requirements for their OMS-4 year as described in the Osteopathic Manipulative Medicine website.