

Edward Via College of Osteopathic Medicine

4th Year Clinical Rotation: Maternal Fetal Medicine

MED 8400: Elective Clinical Rotation I

MED 8410: Elective Clinical Rotation II

MED 8420: Elective Clinical Rotation III

MED 8430: Elective Clinical Rotation IV

COURSE SYLLABUS

Chair

MED 8400: Elective Clinical Rotation I: Maternal Fetal Medicine
MED 8410: Elective Clinical Rotation II: Maternal Fetal Medicine
MED 8420: Elective Clinical Rotation III: Maternal Fetal Medicine
MED 8430: Elective Clinical Rotation IV: Maternal Fetal Medicine

- iv. Infectious diseases
- v. Cardiac disease
- vi. Asthma
- b. Isoimmunization and how to prevent this during pregnancy
- c. Management of patients in preterm labor
- d. Fetal growth abnormalities and understanding how the antenatal care may differ in these pregnancies
- e. Antepartum management of multifetal gestations
- f. Prenatal diagnostics
- g. Genetic and perinatal counseling when fetal anomalies are identified

III. Rotation Design

The rotation in Maternal Fetal Medicine will involve direct participation in the care of patients in the OR, outpatient office setting and prenatal inpatient services.

IV. Credits

4 week course = 4 credit hours

V. Suggested Textbook and References

- a. Williams' Obstetrics: 23rd ed. F. Cunningham, Kenneth Leveno, Steven Bloom, John Hauth, Dwight Rouse, Catherine Spong

VI. Course Grading/Requirements for Successful Completion of the Maternal Fetal Medicine 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 instruction

- 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