



Department of Obstetrics & Gynecology

The goal of the Department of Obstetrics and Gynecology is to expand students' knowledge in women's health care that are pertinent to all physicians and that will enable them to provide primary health care to all female patients. Students are exposed to patients in the outpatient setting as well as in the hospital setting and include activities in labor and delivery and the operating room.

This elective is designed to improve the clinical acumen of students in recognizing the problems of obstetric-gynecologic patients as individuals, to further students' educational experiences in the clinical care of patients with subspecialty obstetric and gynecologic disorders, and to provide students with experiences that will enable those who are considering obstetrics and gynecology as a career to evaluate this decision as to its appropriateness.

The Department of Obstetrics and Gynecology adheres to the educational objectives put forth by the Association of Professors of Gynecology and Obstetrics Medical Student Educational Objectives, which represent a careful evaluation of the knowledge, skills and attitudes that ideally would be acquired during an obstetrics and gynecology.

MATERNAL AND FETAL MEDICINE ELECTIVE

Course Director: Vinette Greenland, MD

Duration: 4 weeks

GOALS

The goal of the program is to broaden the student's knowledge and understanding of the treatment high-risk obstetric patients in all areas of OB/GYN care, including ultrasound, ante-partum fetal surveillance, and genetic counseling on both an inpatient and outpatient basis.

EDUCATIONAL EXPERIENCE

1. To understand the definition of maternal fetal medicine
2. To learn contemporary management of complicated pregnancies
3. To learn contemporary prenatal diagnosis, counseling, and intervention

CLINICAL EXPERIENCE

The student will participate in tertiary care high-risk obstetric service and observe procedures involving state-of-the-art ultrasonography, fetal heart rate patterns, antepartum fetal surveillance, and genetic counseling at Nassau University Medical Center. The modern methods of prenatal diagnosis and intervention as well as evaluation maternal and fetal well-being will be stressed.

DIDACTIC EXPERIENCE

The medical students will be expected to participate in all departmental lectures and conferences. They will attend daily morning rounds, teaching sessions, fetal and participate in management of high-risk patients.

RESEARCH

The Department of Obstetrics and Gynecology is actively clinical research, and many opportunities exist for student participation in research in any area of reproductive medicine including gynecologic oncology, reproductive endocrinology including gamete and embryo research, urogynecology and pelvic reconstructive surgery, high-risk obstetrics, women's health care and preventive medicine, and all areas of general obstetrics and gynecology.

METHODS OF EVALUATION

Progress will be evaluated at the end of rotation.

SUGGESTED READING MATERIALS

1. *Obstetrics: Normal and Problem Pregnancies. 5th Edition* by Gabbe, Niebyl and Simpson
2. Selected journal articles

HOW TO APPLY

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.