

Gynecology and Obstetrics

The Department of Obstetrics and Gynecology teaches anatomy, physiology, and endocrinology of reproduction in the basic science disciplines. During a clinical clerkship the student develops understanding of disease in women through history, physical examination, and laboratory studies. The clerkship includes study of biochemical, anatomical, and physiological changes of normal pregnancy and the effect of disease in altering the course of reproduction.

GYNO 900. Obstetrics/Gynecology Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of health maintenance and disease processes specific to female patients as well as exposure to normal and high-risk pregnancy. Students will have the opportunity to gain an understanding of Obstetrics and Gynecology through patient interviews, physical examination, surgery, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients in both inpatient and outpatient settings as well as in the operating room, and labor and delivery unit. Prerequisite: Medical Basic Sciences.

GYNO 901. Subinternship in Obstetrics and Gynecology. 4 Credits.

The objective of GYNO 901 is to provide students with advanced experience in obstetrics and gynecology. Students will be assigned to the Obstetrics and Gynecology Service at KUMC. Students will participate in the management of common obstetrical and gynecologic conditions in a role similar to that of a resident. Clinical work will be supplemented by conferences and other educational activities. This course fulfills the Subinternship Selective requirement.

GYNO 914. Reproductive Endocrinology and Infertility. 4 Credits.

This elective will allow the medical student to develop skills in assessing and managing female patients who have complex reproductive endocrinology disorders. The student will also gain experience with diagnosis and the treatment options for female and male infertility. This elective will provide experience in office and operative procedures including hysteroscopic procedures utilizing the morcellator, which may include polypectomy, lysis of adhesions and myomectomy procedures. Prerequisite: GYNO 900, permission of instructor and clerkship director.

GYNO 915. Maternal Fetal Medicine. 4 Credits.

This elective will provide the medical student with advanced experience in high-risk obstetrics. The student will be assigned to the inpatient Obstetrical Service and high-risk outpatient clinics at KUMC. The student will participate in the management of complicated obstetrical conditions in a role similar to that of a sub-intern. The rotation requires a short presentation of a maternal fetal medicine topic given to faculty and fellows on the last week of the rotation. Prerequisite: GYNO 900; permission of instructor.

GYNO 916. Special Topics and Research. 2-4 Credits.

The urogynecology clerkship is a four-week rotation for fourth year medical students to get increased exposure to urogynecology clinic and surgery. This clerkship will allow the medical student to develop skills in research in women's health and reproduction. The student will partner with a faculty mentor and gain experience which may include, but is not limited to, literature review, data analysis, data entry, chart review, IRB proposals, HERON, REDCAP, manuscript preparation, and journal article submission. In addition, student may be facilitating clinical research

through providing informed consent and recruiting study participants. Finally, the student may have a dual mentorship with a PhD scientist to further their skills in the basic laboratory setting. Prerequisite: Permission of instructor.

GYNO 918. Gynecologic Oncology. 4 Credits.

Subject material consists of the clinical science of oncology as applied to malignancies of the vulva, vagina, cervix, uterus, ovary and trophoblast. The student should be able to describe and define malignancies of the female genital tract in general terms and complete a clinical study in detail in the area of gynecologic oncology. The student will be evaluated by faculty judgment for general information, and a specific assessment of student projects will be performed. Prerequisite: GYNO 900 and permission of instructor.

GYNO 919. Transgender Medicine and Surgery. 4 Credits.

The transgender medicine and surgery elective is a four-week rotation for fourth-year medical students to get increased exposure to multidisciplinary transgender health. The rotation includes both inpatient surgical and outpatient experiences. Medical education in transgender health can empower physicians to identify and change the systemic barriers to care that cause transgender health inequities as well as improve knowledge about transgender-specific care. Prerequisite: GYNO 900.

GYNO 920. Family Planning. 4 Credits.

The Family Planning elective is a four-week rotation for fourth-year medical students to get exposure to comprehensive family planning care health. The rotation includes both ambulatory surgical and clinic experiences at Planned Parenthood-Comprehensive Health Center. Prerequisite: GYNO 900.

GYNO 930. Minimally Invasive Gynecologic Surgery. 4 Credits.

This sub-internship is designed for fourth-year medical students interested in gaining in-depth knowledge and hands-on experience in minimally invasive gynecologic surgery (MIGS). The course will provide a comprehensive understanding of advanced surgical techniques, patient evaluation, pre-operative planning, and post-operative care in the field of gynecologic surgery, with a focus on minimally invasive approaches. The rotation includes both inpatient surgical and outpatient experiences. Prerequisite: GYNO 900 OR OBGN 975.

GYNO 931. OB Ultrasound Elective. 4 Credits.

This elective is designed for fourth-year medical students interested in gaining in-depth knowledge and hands-on experience in ultrasound and fetal imaging related to obstetrics. The course will provide a comprehensive understanding of the basic principles of ultrasound, utilization of different scanning techniques, visualization of important fetal landmarks, biometry and anatomy, biophysical profile, amniotic fluid measurements, and twin pregnancies. The rotation includes outpatient experiences. Prerequisite: GYNO 900 OR OBGN 975.

GYNO 981. OB/GYN Residency Prep Course- Kansas City. 2 Credits.

The Ob/Gyn Residency Prep course is a 2-week rotation for 4th-year students who have matched into Ob/Gyn residency. The goal of this rotation is to refine students' obstetrical and gynecologic skills and equip students with knowledge and tools that will contribute to their being successful residents. This rotation will include in-person and virtual didactic sessions, simulations, interactive skill building, and built-in time for students to research the residency programs where they have matched. Students will be expected to complete the APGO Prep for Residency question bank and set personal and professional goals for their intern year of residency. Prerequisite: GYNO 900.