

OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES

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CLERKSHIP

Pediatrics, Obstetrics, and Gynecology Clerkship This is a twelve-week integrated clerkship block that combines Pediatrics with Obstetrics and Gynecology (OB/GYN). The combination of these two disciplines allows students to experience and appreciate the continuum in health between women and children. Students experience this interconnectedness through their clinical encounters, integrated didactics, and a combined postcode at the end of the integrated clerkship block.

ELECTIVES

Complex Family Planning Elective This elective provides medical students with a comprehensive introduction to the field of complex family planning. Students gain experience in counseling patients on reproductive health decisions, including contraception, abortion, adoption, and parenthood, with an emphasis on birth spacing and maternal–child health outcomes.

Gynecologic Oncology Elective The purpose of the gynecologic oncology elective is to enhance the student's knowledge of the diagnosis and management of women with gynecologic malignancies. The course is offered to one student at a time for two weeks. The student is exposed to all modalities of treatment for gynecologic malignancies including radical gynecological surgery, chemotherapy, and radiation therapy. The student is expected to be an integral part of the team in the management of the patients admitted to the service. The student admits patients and takes part in their care throughout the elective period. The student is assigned to the operating room, especially to assist the patient whom he or she has evaluated. In addition to operating room exposure, extensive experience is gained in the post-operative management of these patients. The student has the option to request a day in the ambulatory setting where the student is exposed to the outpatient management of cancer, chemotherapy, and colposcopy. On a weekly basis, students attend divisional teaching sessions as well as the multi-discipline tumor conference. There is no night call on this elective. The recommended text for this elective is *Clinical Gynecologic Oncology* (DiSaia).

Reproductive Genetics Elective This four-week elective offers medical students an immersive experience at the intersection of obstetrics, reproductive endocrinology, and clinical genetics. Under the mentorship of maternal fetal medicine (MFM) and medical genetics physicians, licensed clinical genetic counselors, and an M.D.-Ph.D.-trained faculty member in reproductive infertility and genetics, students gain a broad and integrated understanding of how genetic information informs reproductive planning, preconception and antepartum genetic screening, ultrasound evaluation and diagnosis of fetal anomalies, and management of high-risk pregnancies. Experiences include clinical care rotations through MFM clinic, REI clinic, reproductive medical genetics clinic, prenatal genetic counseling sessions, and high-risk perinatal ultrasound unit. Other learning experiences include multidisciplinary case conferences and trainee didactics. Students explore the management of pregnancies complicated by fetal

anomalies, inherited conditions, and maternal genetic disorders. Weekly divisional teaching sessions complement clinical learning.

SUBINTERNSHIPS

Gynecologic Oncology Subinternship The purpose of the gynecologic oncology subinternship is to enhance the student's knowledge of the diagnosis and management of women with gynecologic malignancies. The student is exposed to all modalities of treatment for gynecologic malignancies including radical gynecological surgery, chemotherapy, and radiation therapy. The student is expected to be an integral part of the team in the management of the patients admitted to the service. The student admits patients and takes part in their care throughout the subinternship period. In addition to operating room exposure, extensive experience is gained in the postoperative management of these patients. In the ambulatory setting, the student is exposed to the outpatient management of cancer, chemotherapy, and colposcopy. On a weekly basis, the student also attends divisional teaching sessions and the multidiscipline tumor conference. There is no night call. The recommended text is *Clinical Gynecologic Oncology* (DiSaia). Prerequisite: core Ob/Gyn clerkship.

Maternal Fetal Medicine Subinternship The Maternal Fetal Medicine division offers a four-week, high-risk obstetrics subinternship for fourth-year medical students. The student functions as a subintern and team member in the care of high-risk obstetrical patients at Yale New Haven Hospital. In addition to inpatient duties, the student attends the outpatient clinic once a week. Students also participate in prenatal ultrasound sessions as well as labor and delivery activities. Numerous didactic conferences are held during the rotation. It is recommended that students use the text *Williams Obstetrics* (Cunningham) to prepare for this experience and for research during the rotation. Evaluation of the student is based on clinical performance, participation at rounds, and the student's presentation of an evidence-based case review to members of the MFM division. Prerequisite: core Ob/Gyn clerkship. Students are expected to work two weekend days of their choice.

Pediatric and Adolescent Gynecology Subinternship This four-week subinternship provides hands-on experience in pediatric and adolescent gynecology in both inpatient and outpatient clinical settings. In the mornings, students attend rounds with the supervising attending physician and residents. Students are exposed to acute common as well as rare pediatric and adolescent gynecologic disorders and can expect to participate in the care of girls and adolescent females with vulvar conditions, abnormal pubertal development, bleeding disorders, gastrointestinal diseases, reproductive issues stemming from endocrine disorders (PCOS and others), collagen vascular disorder, developmental and physical delays, disorders/differences of sexual development, and postoperative complications. Students obtain histories and perform examinations on newly admitted patients or consult patients. Bedside discussions regarding diagnosis, work up, and treatment are encouraged. Prerequisite: core Ob/Gyn clerkship.

Reproductive Endocrinology and Infertility Subinternship The Reproductive Endocrine and Infertility (REI) division offers a four-week subinternship for fourth- and fifth-year students. In addition to gaining knowledge of human reproductive endocrine function, students are introduced to disruptions in physiology and function, which can lead to endocrinological and infertility disorders. Common problems seen in REI practice include female and male infertility, recurrent pregnancy loss,

polycystic ovarian syndrome, anovulation, amenorrhea, endometriosis, chronic pelvic pain, abnormal uterine bleeding, and uterine leiomyomas. Exposure to Advanced Reproductive Technologies (ART) is integrated into this subinternship. In addition to clinical activities in the office and the hospital, students have the opportunity to attend division conferences. Evaluation is based on clinical performance in the office and the operating room, and on an evidence-based presentation on an REI topic of interest. Recommended text: *Clinical Gynecological Endocrinology & Infertility (Speroff)*. Prerequisite: core Ob/Gyn clerkship.

Urogynecology and Reconstructive Pelvic Surgery Service Subinternship Offered by the Section of Urogynecology and Reconstructive Pelvic Surgery. Students are taught about the normal and abnormal physiology and function of the female pelvic floor and are introduced to the diagnosis and management of female pelvic floor disorders, namely lower urinary tract disorders, pelvic organ prolapse, and defecatory disorders. Common problems encountered by urogynecologists include urinary incontinence, recurrent urinary tract infections, cystocele, rectocele, uterine prolapse, vaginal vault prolapse after hysterectomy, microscopic hematuria, dyspareunia, interstitial cystitis, anal incontinence, and constipation. Exposure to advanced pelvic floor reconstructive surgery is also integrated into this elective. In addition to clinical activities in the office and the hospital, students have the opportunity to attend section didactics. Evaluation is based on clinical performance in the office and the operating room, participation in didactics, and an evidence-based presentation on a urogynecology topic of interest. Prerequisite: core Ob/Gyn clerkship.