



Obstetrics and Gynecology – Maternal-Fetal Medicine

Contact Information

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Site

Jewish General Hospital

Elective Description

The elective in Maternal-Fetal Medicine has been established in order to expose the student to the variety of aspects of daily practice. The student will be integrated in the team to obtain optimal teaching opportunities.

Electives offered at the Jewish General Hospital can accept one elective student at a period. The emphasis will be on Clinical Obstetrics & Gynecology.

The student will participate as an integral part of the house staff team in the work-up and management of cases. Where opportunity exists, students are encouraged to do a clinical research project.



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Site(s)

MUHC-RVH

Elective Description

This elective rotation offers medical students an immersive experience in Maternal-Fetal Medicine (MFM), providing an invaluable opportunity to delve into the complexities of antenatal care, fetal assessment, and management of high-risk pregnancies. Under the guidance of experienced MFM specialists, trainees will actively participate in the comprehensive care of pregnant patients with diverse medical conditions and fetal concerns.

Clinical Rotations:

1. **Birth Centre and Antepartum Unit:**
 - Trainees will be integrated into the multidisciplinary team managing patients admitted to the Birthing Centre for antenatal complications and those requiring care in the antepartum unit.
 - Responsibilities may include patient assessments, treatment planning, and participation in obstetric emergencies under supervision.
2. **Outpatient Obstetrical Clinics:**
 - Trainees will engage in outpatient clinics, gaining exposure to a spectrum of antenatal conditions and fetal abnormalities.
 - They will have the opportunity to conduct patient interviews, perform physical examinations, and assist in formulating management strategies.
3. **Obstetrical Ultrasound Department:**
 - In the ultrasound department, students will be exposed to diverse obstetrical ultrasound techniques, including screening, diagnostic, and interventional procedures.
 - They will participate in the interpretation of various fetal anomalies, growth abnormalities, and placental pathologies.

Clinical Exposure: Students will encounter a wide array of clinical scenarios, including but not limited to:

- Medical complications in pregnancy (e.g., hypertension, diabetes, thyroid disorders)
- Suspected fetal abnormalities and genetic issues



Undergraduate Medical Education Elective

- Preterm labor and management strategies for preventing preterm birth
- Maternal-fetal conditions necessitating ongoing fetal surveillance (e.g., intrauterine growth restriction, fetal distress)

Interdisciplinary Collaboration: Throughout the rotation, emphasis will be placed on interdisciplinary collaboration. Trainees will work closely with obstetricians, neonatologists, genetic counselors, and other healthcare professionals involved in maternal and fetal care, gaining insight into the importance of a team-based approach in optimizing outcomes for both mother and baby.

Educational Opportunities:

- Formal didactic sessions on relevant topics in MFM, including prenatal screening, fetal monitoring, and perinatal interventions.
- Case-based discussions and journal clubs to facilitate critical thinking and evidence-based decision-making in clinical practice.
- Medical students are invited to present on the second Tuesday of their rotation on a topic of their choice, relevant to MFM, and after approval of the clinical supervisor.

Conclusion: By the end of this elective rotation, medical students will have developed a foundation in Maternal-Fetal Medicine, equipped with clinical skills, theoretical knowledge, and a deeper understanding of the complexities involved in managing high-risk pregnancies and fetal conditions. This experience will serve as a valuable asset as they progress in their medical careers, whether pursuing obstetrics/gynecology or other specialties with a focus on women's health and reproductive medicine.

Elective Duration

2 weeks

Educational Objectives

Prerequisites

Having completed Obstetrics-Gynecology core rotation

Scope of Work

Recommended Reading/Preparation



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