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| Faculty In Charge Of Course: | Nana Ankumah, MD |
| Participating Faculty: | Sean Blackwell, MD; Bahaeddine Sibai, MD; Suneet Chauhan, MD; Other Maternal Fetal Medicine Faculty |
| Location: | Memorial Hermann Hospital Maternal-Fetal Special Care Unit, Labor and Delivery; UTMSH OB/GYN Clinic UT Professional Building Suite 350 |
| Offered: | Each Period except Block 12 |
| Max. # Students/Period: | 2 |

Course Objective

Material Covered:

- Pathophysiology of common obstetric disorders such as preterm labor, preeclampsia, diabetes mellitus, etc. Maternal and fetal pathophysiology will be covered.
- Fetal respiratory and cardiovascular physiology as it relates to interpretation of fetal heart rate monitoring and biophysical profile assessment. Skills

Skills Acquired:

- History and physical examination of the high risk pregnant patient;
- Interpretation of fetal heart rate and uterine activity patterns; and
- Evaluation of laboratory data pertinent to the diagnosis of complications of pregnancy.

Activities Of Elective

Number Of New Patients/Student/Week: 6 - 8

Responsibilities Of Student For Assigned Patients:

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| Does history/physical: | Yes |
| Who critiques: | Senior resident, MFM Fellow, and MFM attending |
| Follows patients, with appropriate notes as needed: | Yes |
| Who supervises: | Senior resident and MFM attending |
| Does student see ambulatory patients: | Yes |

| Procedures | Observe | Perform |
|---------------------------------|----------------|----------------|
| Vaginal delivery | | X |
| Caesarean or operative delivery | X | |
| Selected amniocentesis | X | |
| Ultrasound | X | X |
| Biophysical Profile | X | X |

Scheduled Duties of Student:

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| Frequency of rounds on patients: | Twice daily |
| Presents patients to preceptor or attending physician: | Yes |
| Weekly schedule of required teaching sessions: | Morning report daily; Tuesday conf 2:00-5:00 PM; obstetric conference weekly. |

Describe Optional Rounds And Activities, If Any:

Monthly Journal Club; Obstetrical Conference; Grand Rounds

Other Required Activities:

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| Reading/review of current literature: | Yes |
| Writing or Presenting a paper: | No |

How Is Student Evaluated:

Written evaluation based on clinical performance

Who Evaluates Students:

MFM attending

Unique Features Of This Elective:

This elective is designed for the student who has decided on a career in obstetrics and gynecology. It affords the opportunity to follow high risk pregnancies from initial prenatal assessment and counseling throughout pregnancy and intrapartum course. The Maternal Fetal Special Care Unit is a unique intensive care unit designed to handle all medical, surgical, and obstetric complications of pregnant women and their fetuses. Dr. Bahaeddine Sibai, the MFM Fellowship Program Director, does a teaching round in the mornings with the team.