OBGYN 876J: Maternal-Fetal Medicine Ultrasound

Course Director: Eugene Chang, MD
Email: changey@musc.edu

Course Coordinator: Andrea Shrader
Telephone #: 843-792-1241
Email: shradera@musc.edu

BLOCK	#	BLOCK	#	BLOCK	#	BLOCK	#
Block 1A	1	Block 3A	1	Block 5A	1	Block 7A	1
Block 1B	1	Block 3B	1	Block 5B	1	Block 7B	1
Block 1C	1	Block 3C	1	Block 5C	1	Block 7C	1
Block 2A	1	Block 4A	1	Block 6A	1	Block 8A	1
Block 2B	1	Block 4B	1	Block 6B	1	Block 8B	1
Block 2C	1	Block 4C	1	Block 6C	1	Block 8C	1

COURSE DESCRIPTION:
This selective will expose students to all aspects of obstetric ultrasound. The student will work with the Maternal Fetal Medicine Faculty in the Ultrasound outpatient clinic. The student will review ultrasounds, accompany the faculty when patients are counseled regarding their ultrasound findings, and observe ultrasound-guided procedures. The student will also have the opportunity to work with the Genetics Counselors while on the rotation.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Discuss the role of obstetric ultrasound in the management of normal and high risk pregnancies with an emphasis on assessment of fetal anatomy, fetal growth, and well-being. (MK1, MK4, PC2, IP1, SL2)
2. Identify communication techniques for discussing abnormal findings with a patient (breaking bad news). (CS1, CS3, PC5, IP3, PD2)
3. Counsel a patient about the risks/benefits/indications for ultrasound guided procedures such as amniocentesis, CVS, and PUBS/IVT. (MK1, MK4, PC3, CS1, CS3)
4. Demonstrate the ability to research an ultrasound-based problem and educate peers by preparing a lecture based on an ultrasound patient directed to other medical students and residents (PL3, MK3, PR4, PD2, SL4)

INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. Didactic lectures aimed at the residents, fellows, and 3rd year medical students
2. Review of ultrasound images with MFM faculty
3. Patient counseling with an interprofessional team of MFM faculty and Genetics Counselors.
4. Preparation of a presentation to be done along with the MFM Fellows at Fetal Board, a multi-disciplinary meeting where the care of anomalous fetuses is coordinated.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. Normal pregnancy who present for confirmation of early pregnancy
2. Normal pregnancy who present for evaluation of fetal anatomy
3. Advanced Maternal Age
4. Twins
5. Complicated pregnancy in whom a growth disorder is suspected
6. Complicated pregnancy requiring antenatal testing.

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods.
1. E*Value Clinical Performance Evaluation
2. Midpoint feedback from the course director
3. Evaluation of the student presentation

Will students be expected to participate in call? ☐ YES ☒ NO