

**Course:** 2002 Exploration of Ob/Gyn Sonography **Course Number:** OBG 2002

**Department:** Obstetrics & Gynecology

**Faculty Coordinator:** Jodi Dashe, MD

**Location:** Ob/Gyn Sonography unit (NPC WISH Clinic Bldg., 4<sup>th</sup> floor)

**Length:** 2 weeks

**Prerequisites (if any):** The rotation may be more meaningful for students who have completed the Ob/Gyn core clerkship, but it is not required that they do so.

**Periods offered:** January-June

**Number of students per 2 week period:** 1

**First day Contact:** [ObGynPost-Clerkship@UTSouthwestern.edu](mailto:ObGynPost-Clerkship@UTSouthwestern.edu),

**Office Phone:** 214-648-6862 **Office Location:** G6.216

**First day time:** 8:30 am

**First day location:** Ob/Gyn Sonography unit (NPC WISH Clinic Bldg., 4<sup>th</sup> floor)

- I. **Course Description:** This is a 2 week introduction to Ob/Gyn sonography. It is intended to permit the student to explore how sonography is used to assist in the evaluation of frequently-encountered clinical scenarios in Obstetrics and Gynecology, including the diagnosis of normal pregnancy, pregnancy complications, and gynecologic disorders. The purpose of the course is to allow the student to gain an appreciation for how sonography is used in prenatal care and in the evaluation of gynecologic complaints, both in the clinic and acute-care settings. This may complement the clinical experience for students interested in a career in Obstetrics and Gynecology or Radiology.

## II. **Learning Goals/Objectives:**

### a. Patient Care:

- i. The student will be able to list appropriate indications for performance of obstetrical and gynecologic sonograms.
- ii. The student will be able to list the components of obstetric sonograms (examinations) in the first, the second and third trimesters.
- iii. The student will be able to list the components of gynecologic sonograms.
- iv. The student will learn about the reporting of obstetric and gynecologic sonograms, including documentation of normal and abnormal findings.

### b. Medical knowledge

- i. The student will learn to recognize the anatomic structures that are imaged during each obstetric and gynecologic sonogram.
- ii. The student will learn about use of transabdominal and transvaginal sonography equipment.

- iii. The student will have the opportunity to learn about how sonographic findings are used to assist in diagnosis and management within the specialty of Obstetrics & Gynecology.
- c. Professionalism
  - i. The student will be punctual and complete all required work.
  - ii. The student will demonstrate respect and compassion for patients, families and support staff.
  - iii. The student will demonstrate respect for patient privacy and autonomy.
- d. Interpersonal and Communication skills
  - i. The student will communicate effectively with colleagues and health professionals
  - ii. The student will communicate effectively with patients and families as appropriate.

**III. Methods of Instruction:**

- a. The student will be paired with a Registered Diagnostic Medical Sonographer (RDMS) in either the Ob/Gyn Sonography unit or Ob/Gyn Emergency Service (OGES). The student will directly observe obstetric and gynecologic sonograms in order to learn about the components of each examination type and how findings are reported. The student will review the indication for the sonogram with the sonographer, reading the electronic medical record as appropriate. Also, when appropriate, the sonographer will permit the student to assist with performance of sonograms under the sonographer's direct supervision.
- b. The student will be encouraged to review images with attending physicians, residents and fellows during prescribed times during the 2-week rotations.
- c. The student will be encouraged to attend certain Wednesday conferences of the Obstetrics and Gynecology department.

**IV. Course Requirements:**

- a. To complete the learning goals and objectives described above.

**V. Method of Evaluation of the Student:**

- a. At the end of each workday, the student will select 2 sonograms (one obstetric and one gynecologic) to present to the covering attending. The student will review with the attending the indication, any relevant information from the medical record, any pertinent sonogram findings, and the sonogram impression.

**VI. Recommended Reading (if any):**

- a. Williams Obstetrics (24th edition, Chapter 10) and Williams Gynecology (2nd edition, Chapter 2), both available through the UTSW Library website.