

**University of Arkansas - Fort Smith
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General Syllabus

DMSO 43203 Clinical Practice II

Credit Hours: 3 Lecture Hours: Laboratory Hours: 15

Prerequisite: DMSO 32103 Clinical Practice I

Corequisite: DMSO 43003 Obstetrical and Gynecological Sonography I

Effective Catalog: 2022-2023

I. Course Information

A. Catalog Description

Continued application of sonographic scanning procedures in a hospital or clinic setting with independent scanning when competency has been demonstrated. Special emphasis on the pelvic areas, pregnant uterus, and related structures. The production and interpretation of normal and pathological sonograms of each area to include film critique are critical components.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Devise appropriate scanning procedures and protocols in the longitudinal and transverse planes for sonograms of a non-gravid female pelvis (ovaries, uterus, and adnexal area), pediatric pelvis and early intrauterine pregnancy.
2. Analyze normal and abnormal pathology in the pediatric pelvis, non-gravid pelvis and early intrauterine pregnancy.
3. Use a sonographic imaging system to assess and measure the fetal parameters required to date a pregnancy and to calculate the estimated fetal weight.
4. Demonstrate competency in scanning complete examinations in the following organs: liver, gallbladder, pancreas, and abdominal vasculature.

5. Complete required clinical proficiencies as indicated in the clinical handbook.
6. Master all Clinical Practice II performance objectives.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: Students will generate solutions/analysis of problems/issues evaluated.

Communication Skills (written and oral)

Students will effectively communicate orally in a public setting.

Ethical Decision Making

Students will apply ethical frameworks to resolve a variety of ethical dilemmas.

III. Major Course Topics

- A. Sonographic Imaging of the Female Pelvis (Ovaries, Uterus, Adnexal Area)
- B. Sonographic Imaging of the Pediatric Pelvis
- C. Sonographic Imaging of an Early Intrauterine Pregnancy
- D. Scanning Protocols