

University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
Fort Smith, AR 72913-3649
479-788-7000

General Syllabus

DMSO 45404 Clinical Practice IV

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 20

Prerequisite: DMSO 44304 Clinical Practice III

Corequisites: DMSO 45103 Obstetrical and Gynecological Sonography II and
DMSO 45001 Professional Seminar
Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Students must demonstrate full competency and progress to full independence by the end of course. Area of competency include identification of the anatomy and pathology of the abdomen, small parts (special applications), and obstetrical and gynecological system. Rotations in the practice of peripheral vascular exams and other specialties within the field may be arranged. Film critique is a critical component of this course.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

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

1. Demonstrate competency in the performance of abdominal, obstetrical and gynecological, and small body parts sonographic examinations.
2. Apply appropriate scanning procedures and protocols in the longitudinal and transverse plane for the gravid female pelvis (uterus, ovaries, placenta, amniotic fluid, umbilical cord, and fetal anatomy).
3. Use a sonographic imaging system to analyze specific anatomical structures and to distinguish between normal and abnormal obstetrical anatomy.
4. Evaluate normal maternal and fetal anatomy, normal anatomical variants, and pathological variants as they relate to genetic and teratogenic diseases.

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

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: Students will use analytical/critical thinking skills to draw conclusions and/or solve problems. Students will think critically to reach viable solutions to a problem and assess and justify those solutions in order to produce a quality sonographic image.

Communication Skills (written and oral)

Students will communicate proficiently. Students will effectively communicate orally in a public setting with patients, clinical staff

III. Major Course Topics

- A. Sonographic Protocols and Procedures for Obstetrics and Gynecology
- B. Competency in the Use of Sonographic Equipment
- C. Competency in the Performance of All Clinical Objectives (Clinical Practice I through Clinical Practice IV)
- D. Completion of the Program's Required Clinical Examinations