

DMS 55B: OBSTETRICS II

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2025
Units:	2
Hours:	2 lecture, .5 laboratory per week (30 total per quarter) Laboratory meets every other week (1 hour per laboratory meeting).
Prerequisite:	DMS 55A.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Recognize clinical and sonographic signs of the abnormal pregnancy.
- Describe the sonographic findings of the fetus affected by maternal complications.

Description

Second in the obstetrical course series. Continuation of DMS 55A. Includes advanced pathology related to second and third trimester obstetrics. Emphasis on fetal and maternal pathology and complications during the second and third trimester of pregnancy. Intended for students in the Diagnostic Medical Sonography Program; enrollment is limited to students accepted in the program.

Course Objectives

The student will be able to:

1. Describe the anatomy of the abnormal fetus during second and third trimester of pregnancy
2. Describe the physiology of the abnormal fetus during second and third trimester of pregnancy
3. Describe maternal pathology and complications during the second and third trimester of pregnancy
4. Describe clinical signs and symptoms of fetal complications during the second and third trimester of pregnancy
5. Describe clinical signs and symptoms of maternal complications during the second and third trimester of pregnancy
6. Discuss the laboratory tests and findings for fetal and maternal complications during the second and third trimester of pregnancy

Course Content

1. Abnormal fetal anatomy in multiple planes and projections
 - a. Fetal head
 - b. Fetal chest and cardiovascular system
 - c. Fetal abdomen
 - d. Fetal skeletal system
 - e. Fetal biometry
2. Abnormal fetal development and physiology of the second and third trimester pregnancy

- a. Fetal head
 - b. Fetal chest and cardiovascular system
 - c. Fetal abdomen
 - d. Fetal skeletal system
 - e. Umbilical cord
 - f. Placenta
 - g. Amniotic fluid
3. Maternal abnormalities and complications
 - a. Mullerian duct abnormalities
 - b. Fibroids
 4. Clinical signs and symptoms of fetal complications
 - a. Abnormal amniotic fluid volume
 - b. Abnormal bleeding
 5. Clinical signs and symptoms of maternal complications
 - a. Pre-term labor
 - b. Vaginal bleeding
 6. Laboratory tests and findings of fetal and maternal complications

Lab Content

Assessments of sonographic protocols and procedures for the second and third trimester obstetrical patient.

Special Facilities and/or Equipment

DVD/TV, computer.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Demonstration of mastery of lecture material
Written quizzes
Midterm
Comprehensive final exam

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture presentations
Classroom discussions
Assignments to reinforce content

Representative Text(s) and Other Materials

Stephenson, S., and J. Dmitrieva. Diagnostic Medical Sonography: Obstetrics and Gynecology, 5th ed.. 2022.

Hall-Terracciano, B., and S. Stephenson. Workbook for Diagnostic Medical Sonography: A Guide to Clinical Practice, Obstetrics and Gynecology, 5th ed.. 2022.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

1. Case presentations
2. Case analyses

Discipline(s)

Diagnostic Medical Technology