

DMS A274: ABDOMINAL SONOGRAPHY

Item	Value
Top Code	122700 - Diagnostic Medical Sonography
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

Course Description

Interpretation of normal and abnormal sonographic anatomy, comparing disease processes and identification of structures in sonographic images of the abdomen and superficial structures. PREREQUISITE: DMS A165. COREQUISITE: DMS A271. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Integrate and analyze knowledge of abdominal sonography and superficial structures and differentiate between normal and abnormal sonographic findings.

Course Objectives

- 1. Identify and describe abdominal and superficial structures sonographically
- 2. Discuss and apply scan planes and sonographic protocols for the abdomen and superficial structures including appropriate measurements.
- 3. Write a technical abstract for a case study.
- 4. Demonstrate knowledge of normal and abnormal sonographic findings of the abdomen
- 5. Demonstrate knowledge of normal and abnormal sonographic findings of superficial structures.
- 6. Discuss sonographic anatomy of the neonatal brain and recognize intracranial bleeds in the neonatal brain.
- 7. Apply Doppler principles to structures and pathology when indicated.
- 8. Discuss differential diagnosis when assessing pathology.
- 9. Discuss the use of other imaging modalities in conjunction with sonography.
- 10. Discuss and understand the use of sonography in procedures, detection of foreign body objects and musculoskeletal (MSK) evaluation.
- 11. Describe and understand sonographic applications to pediatric hips and spine.

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)