

# DMS A276: DMS CLINICAL EXPERIENCE 4

Item	Value
Curriculum Committee Approval Date	12/06/2023
Top Code	122700 - Diagnostic Medical Sonography
Units	2.5 Total Units
Hours	135 Total Hours (Lab Hours 135)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Pass/No Pass (B)

## Course Description

Intermediate clinical experience. Studies in the abdominal, obstetrical, pelvic, scrotal, thyroid and vascular anatomical areas. Variety of real-time equipment, anatomical pathology recognition. PREREQUISITE: DMS A271. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Perform abdominal, scrotal, thyroid, obstetrical and pelvic ultrasound exams on real patients with minimal supervision; differentiate between normal and abnormal Sonographic findings.

## Course Objectives

- I Instructional Objectives/Sonography: 1. Student should be able to complete a normal abdominal scan in 40 minutes or less. 2. Student should be able to complete a normal renal scan in 25 minutes or less. 3. Exams should be checked by staff on PACs, with a minimal amount of "re-images" required by the staff. 4. Students should be able to perform normal female pelvis including TV, thyroid and scrotal exams with some assistance and should strive to complete these exams within 30 minutes. 5. Students that are being introduced to normal obstetrical exams during this rotation should establish goals of 45 minutes for initial exam on a 2nd and 3rd trimester fetus. A 1st trimester OB ultrasound may only require 30 minutes. These exams will be done with supervision and subject to the policies of the facility where training is occurring. 6. Student may assist with ultrasound-guided procedures under the direct supervision of a physician and/or staff sonographer.
- I. 1. Department Procedures: 1. Processing of an ultrasound exam request with minimal assistance. 2. Professional communication in the department and with other departments with minimal assistance. 3. Perform office procedures, schedule exams as requested and retrieve images from PACS with minimal assistance. 4. Document technical findings and present exam to radiologist as required.
- II Patient Care: 1. Locate patient rooms, departments, special units in the clinic environment. 2. Express and demonstrate concern for patient safety, comfort and modesty. 3. Comply with HIPPA at all times. 4. Check name band and patient chart prior to scanning. 5. Communicate verbally and nonverbally with patients. 6. During the exam, do not ask questions in the presence of the patient or family of the patient. Do not leave the exam room before scan is completed

unless asked to do so by staff. 7. Keep your CPR card and evidence of liability at your clinical site.

- III Appearance and Dependability:
- III. 1. Accountability is demonstrated by arriving on time and staying through the assigned time. Hours are documented accurately. Follow sick policy of hospital - call in 2 hours before shift.
- III. 2. Maintain a neat, clean, well-groomed appearance as defined in the clinical SAHP manual and by the clinical facility policies. Adhere to program dress code of navy blue scrubs.
- III. 3. Be aware that strong body odors caused by and not limited to perfume, shampoo, body soap, tobacco use and lack of deodorant may be offensive to the patient. You may be required to alter your personal hygiene for patient comfort. Hospitals are smoke free.
- IV Attitude and Responsibility: 1. Demonstrate a spirit of cooperation, initiative and willingness to learn while assigned to a variety of learning experiences. 2. Actively listens and follows directions as assigned by the clinical educator, staff sonographers, physicians and other allied health professionals. 3. Accepts criticism and suggestions gracefully and applies suggestions as recommended. 4. Demonstrates knowledge of professional ethics while training. No more than two conferences or one incident.
- V Professional Growth: 1. Demonstrate progressive learning by application of critical thinking and scaffolding of knowledge. 2. Demonstrate aptitude for DMS by progressive learning and expertise in all sections of the semester evaluation. 3. Maintain on a daily/weekly basis, an ongoing record of sonographic exams on the forms provided by clinical manual. 4. Student diminishes the need for constant supervision and instruction. 5. Students do not have to be told "look up" information.
- VI Other: 1. Rotation to other sites based upon need for additional speciality training. 2. Students may not contact other clinical sites or make arrangements through other health professionals for training. 3. A car is necessary for clinical training. 4. Cell phones may not be used when in clinical training. 5. Students may not attend clinical when school is not in session. 6. Students should be aware that hospitals will render patient care and that teaching may be secondary. 7. Clinical site is not based upon proximity to students personal residence. The student may have to travel long distances. 8. If a clinical site dismisses a student for any reason, a new clinical site assignment will not be provided. The student will not be permitted to continue in the program.

## Lecture Content

This course is the fourth in a series of clinical rotations that will integrate knowledge and skills learned in DMS A271. Emphasis will be placed on critical thinking that is necessary diagnostic medical sonography. Students will be expected to perform procedures under minimum direct supervision on clinical patients at an assigned affiliated clinical site. The exposure of clinical patients will vary on location and patient scheduling. Students are to use the instructional objectives for direction on the level of expectations to be attained during this experience. This clinical will require 40 hours per week of clinical practice.

## Lab Content

This course is the fourth in a series of clinical rotations that will integrate knowledge and skills learned in DMS A271. Emphasis will be placed on critical thinking that is necessary diagnostic medical sonography. Students will be expected to perform procedures under minimum direct

supervision on clinical patients at an assigned affiliated clinical site. The exposure of clinical patients will vary on location and lab scheduling. Students are to use the instructional objectives for direction on the level of expectations to be attained during this experience. This clinical will require 40 hours per week of clinical practice.

### **Method(s) of Instruction**

- Lab (04)
- DE Live Online Lab (04S)
- Non-Directed Clinical (NDR)

### **Instructional Techniques**

Observation, hands-on scanning, image evaluation, on-site lectures.

### **Reading Assignments**

It is recommended that the student read 5 hours per week from the sonography textbook.

### **Writing Assignments**

Weekly, monthly, mid-term, and final evaluation of work and progress by clinical educator and the student. The student will contribute 1 hour per week towards the clinical evaluation.

### **Out-of-class Assignments**

Students are encouraged to attend ultrasound conferences and lectures, monthly or quarterly which will be approximately 2 hours per lecture and 4-6 hours per conference day. Sonographers or allied health staff may give students a topic to investigate and report back information to staff. This may be 2-3 hours of investigation/research per topic.

### **Demonstration of Critical Thinking**

Skill demonstrations, completion of required hours. Performance evaluation including exam proficiency for abdomen. Log of examinations student participated in.

### **Required Writing, Problem Solving, Skills Demonstration**

Weekly, monthly, mid-term, and final evaluation of work and progress by clinical educator.

### **Eligible Disciplines**

Diagnostic medical technology-diagnostic medical sonography, neurodiagnosti...: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

### **Textbooks Resources**

1. Required Reber-Bonhall, C.L. McLaughlin, J.D.. DMS Clinical Workbook, ninth ed. Costa Mesa: Orange Coast College, 2018 Rationale: -