

Course Objectives/Course Outline
Spokane Community College

Course Title: Sonography Clinical IV
Prefix and Course Number: SONO 273

Course Learning Outcomes:

By the end of this course, a student should be able to:

This course is a continuation of SONO 263. This course is a full-time clinical internship and is completed in an affiliation local or out-of-town hospital, clinic or physician office. Emphasis of this course is on the clinical skills necessary for the performance of and evaluation of the various sonography procedures. Written reports, review of current literature and attendance at conferences is required.

- Comply with policies, procedures and behavioral standards while performing as a healthcare provider.
- Demonstrate appropriate patient communication and care in a manner that displays patient safety and right to privacy.
- Prepare patient for the abdominal, superficial structure or OB/GYN sonographic examination and analyze information obtained.
- Evaluate abdominal, superficial structure or female reproductive system using ultrasound.
- Sonographers will minimize exposure to medical legal consequences as it relates to their professional scope of practice through education in legal process, principles of decision making, ethical dilemmas, HIPAA (Health Insurance Portability and Accountability Act), and coding and reimbursement.
- Sonographers will use proactive techniques and proper ergonomics to minimized and/or prevent short and long-term consequences of scanning [work-related musculoskeletal disorders] to achieve career longevity.

Course Outline:

Participate as a member of the Sonography Department Team under direct supervision of assigned Clinical Instructor during clinical rotation. During the clinical rotation, the sonography student will:

- I. Perform comprehensive sonographic examinations utilizing models or simulator which demonstrate structures in diagnostic manner following the protocol and procedures as established by the clinical site.
- II. Perform patient history review seeking pertinent clinical information as it relates to the physician ordered examination.
- III. Practice sonographic techniques in ergonomically safe manner.
- IV. Participate in and contribute to the efficient operation of the clinical laboratory and participate as a sonographer in group discussions / activities / assignments in professional manner.

In addition to “sonographer” duties, the student will complete the following types of course work and evaluations:

Question of the Week Students are required to respond to the question posed on Blackboard. Questions will relate to a variety of laboratory operations, scanning tips, specific types of

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examinations, etc. These responses should be written using proper English, punctuation, and grammar and summarize your findings in a one page document. Responses should be forwarded to primary instructor on campus using digital Dropbox, email or fax by the posted due date.

Case Studies The student will complete two case studies following the established format to include: clinical presentation, signs & symptoms, ultrasound findings with ultrasound images, discussion of disease or abnormality, and treatment options. The cases selected should reflect an extension of what the student has learned in their general course studies. In addition, please document use of appropriate references: at least 3 journal articles, at least 2 textbook or reference books, and internet acceptable [not Wikipedia]. One case study to be presented to clinical instructor and program director at scheduled site visit.

Clinical Evaluation Evaluation of progress toward entry level sonographer performance will provide the student with awareness of opportunities for improvement and acknowledgement of successes. Discussions of performance should occur on a regular basis, so the student has an opportunity to achieve success. A formal clinical evaluation should be completed one week prior to the end of quarter.

Journal Reviews with Quiz Reading current literature is an ongoing facet of professional development. The student will read the posted article and complete the companion quiz on a weekly basis. Submission of the quiz will follow the format outlined in the "Question of the Week" section. In addition, the student should look for opportunities to participate in Journal Club activities at their clinical site.

SCAN Notebook – Completion of 16 proficiencies per quarter SCAN Notebook is intended to provide a mechanism for documentation of proficiencies accomplished by the student. In addition, the clinical log sheets provide a reference of sonographic examinations performed by individual students for periodic image evaluation as well as documentation of studies completed.

Clinical Instructor "sign off" of sonographic proficiencies within the SCAN notebook are requirements for successful completion of full time clinical internship rotations. While exposure to all sonographic disciplines desirable, some clinical experiences will limit the student's ability to reach a truly proficient status with certain types of examinations. The student and clinical instructor should agree the most appropriate order of completion that ensures the required proficiencies are completed.