

DMS 60E: CRITIQUE & PATHOLOGY V

Foothill College Course Outline of Record

Heading	Value
Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	DMS 60D.
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 normal and abnormal anatomical structures.
- List the differential diagnosis that is responsible for sonographic changes.

Description

Interpretation and critique of normal and abnormal anatomy with correlation of didactic, clinical and image information. Written and oral case presentations with emphasis on superficial parts, pediatric, neonatal and vascular subjects. 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:

- demonstrate listening, writing, and speaking, communication skills, use of sonographic nomenclature through performance.
- define ethical and professional values related to sonography and medicine and its impact on patient/workers from various cultures, gender, and age populations.
- discuss the quality factor utilized for an optimal examination.
- prepare and present a case study using the criteria provided to conform to quality case studies.
- define anatomy, physiology and pathophysiology as it relates to superficial parts, pediatric, neonatal and vascular subjects.

Course Content

- Communication characteristics for listening, verbal, and written skills
 - listen to patient's history and write findings using medical nomenclature
 - interview patients and prepare written reports
- Communication using profession specific nomenclature
 - applying described techniques to patients from diverse cultural, emotional, and socioeconomic status with sensitivity to their rights and comforts
- Image quality recognition for interpretation, presentation, and technical quality
 - assessing and obtaining pertinent clinical information
 - components of the clinical report
 - assessing relevant from non-relevant data

- produce quality studies for the physician to interpret
 - contrast diagnostic quality of examinations from suboptimal studies
 - artifacts - determine useful artifacts from other types of artifacts
- Components of a case review and presentation including research
 - internet research to develop the case review and presentation
 - internet research for the differential diagnosis
 - Emphasis on superficial structures, pediatric, neonatal and vascular subjects

Lab Content

Not applicable.

Special Facilities and/or Equipment

- VCR/TV, computer, monitor, viewboxes.
- When taught via Foothill Global Access, on-going access to computer with email software and hardware; email address.

Method(s) of Evaluation

- Written quizzes
- Case presentations
- Comprehensive final exam

Method(s) of Instruction

- Lecture presentations
- Cooperative learning exercises
- Oral presentations
- Demonstration

Representative Text(s) and Other Materials

Kawamura, D., and T. Nolan. *Abdomen and Superficial Structure*. 4th ed. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins, 2018.

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

- Weekly reading of text - estimated reading of 20 pages per week.
- Complete written sections on tests and those which are internet based.

Discipline(s)

Diagnostic Medical Technology