MRAD 360 – Clinical Integration 2

Pathology Review

As a Medical Radiation Technologist, it is very important to know and understand pathologies of the human body. Depending on what pathology the patient has, the technologist may have to adjust the radiographic techniques, the number and type of images taken, and patient care. A pathology may be known to the technologist before the exam starts, or the technologist may have to recognize its radiographic appearance on the images that are taken.

Learning Outcomes

- Critique radiographic images with regards to positioning, anatomy, pathology and diagnostic quality.
- Distinguish various pathologies based on their etiology, signs, symptoms, radiographic appearance and treatment.

Tasks and Activities

1. Complete the MRAD 360 – Pathology Review Worksheet

Download a copy of the worksheet and save it on your computer before you answer the questions. The questions in the worksheet require longer answers or explanations. The instructor will review the answers with the class.

1. Attempt the eight pre-tests associated with Pathology; you first encountered these in MRAD 358. Each focuses on a specific system. These are located in the Quizzes tab in D2L:

MRAD 360 – Pathology – Skeletal System Review

MRAD 360 – Pathology – Genitourinary System Review

MRAD 360 – Pathology – Cardiovascular System Review

MRAD 360 – Pathology – Central Nervous System (CNS) Review

MRAD 360 – Pathology – Respiratory System Review

MRAD 360 – Pathology – Gastrointestinal System Review

MRAD 360 – Pathology – Hematopoietic System Review

MRAD 360 – Pathology – Endocrine System Review

3. Complete the MRAD 360 – Pathology Self-Test. This is in the Quizzes tab in D2L.The test can be attempted an unlimited number of times, and a different set of questions will be generated for each quiz attempt.

Resources:

- Remember to review your course notes and textbooks.
- Review the appropriate links on the MRAD 360 Additional Resources found under the Resources link on the side menu.

When you feel you are ready, you may attempt one of the three comprehensive quizzes (refer to the course schedule to see when each quiz is available). Each comprehensive quiz is worth 10%.