MRAD 360 – Clinical Integration 2

Apparatus and Image Management Review

Knowing the operation of the imaging equipment and how to produce quality images is a large part of the Medical Radiological Technologist's job. It is important to understand these concepts so that the technologist can adjust equipment and imaging parameters to accommodate the plethora of unique circumstances that arise during radiographic examinations.

Learning Outcome

Explain key concepts needed to operate radiographic equipment in order to generate high quality radiographic images.

Tasks and Activities

Activities for this unit relate to APPH 226 - Apparatus and Image Management.

Worksheets

- Complete the Apparatus and Image Management Review Worksheet
- Before attempting the pre-tests, it is recommended that you complete the worksheet, which will help you focus on the areas you need to review. Once you have completed the worksheet, you may then attempt the pre-tests to ensure that your understanding of the material is at the appropriate level.
- The questions in the worksheet require longer answers or explanations - compare your answers with those provided. Download a copy of the worksheet and save on your computer before you answer the questions.

Activities for this unit relate to APPH 226 - Image and Apparatus.

1. Attempt the following pretests associated with apparatus and imaging; you first encountered these in MRAD 358. These are in the quiz section in D2L.

MRAD 360 - Apparatus and Imaging - Diagnostic Quality and Artifacts Review

MRAD 360 - Apparatus and Imaging - CR and DR Review

MRAD 360 - Apparatus and Imaging - Exposure Parameters and Equipment Review

MRAD 360 - Apparatus and Imaging - Fluoroscopy Review

Resources:

- Remember to review your course notes and textbooks.
- Review the appropriate links on the MRAD 360 Resources

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