MRAD 360 – Clinical Integration 2

Specialized Imaging Review

As a Medical Radiation Technologist, you will have an integral role in ensuring that specialized contrast and fluoroscopic exams are administered in a safe, respectful and timely manner. A strong foundation in the unique patient care requirements, radiographic procedures and protocols associated with these exams is paramount to your success in the field.

Learning Outcome

Review the key concepts needed to generate high quality specialized radiographic images.

Tasks and Activities

Each of the diagnostic methods within Specialized Imaging has one or more activities associated with it. Complete each one, and then attempt the overall specialized technique worksheet to finish your review. The exercises, self-tests and worksheets are designed to help hone your recall and problem-solving skills; the image critiquing exercises will give you practice in reading and evaluating images.

Bone Mineral Densitometry Review (BMD)

- MRAD 360 – Bone Mineral Densitometry Self-Test

Fluoroscopy Review

- MRAD 360 – Fluoroscopy Self-Test

Angiography Review

- MRAD 360 – Angio Anatomy Matching Exercise – review anatomy specific to angiograms.
- MRAD 360 – Angio Image Critique - this review will help you apply your anatomy knowledge when reading x-ray images.
- MRAD 360 – Interventional Radiography Self-Test

Mammography Review

- MRAD 360 – Mammography Self-Test

Venipuncture Review

- MRAD 360 – Venipuncture Self-Test

Geriatrics and Pediatrics Review

- MRAD 360 – Pediatrics Self-Test
- MRAD 60 – Geriatric Cases Review - consider the situation and offer solutions.

You are now ready to complete the overall Specialized Imaging 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 – compare your answers with those given by your instructor during the review of this these activities.

Resources:

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

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%.