APPT 226 – Apparatus and Image Management

Module: Image Quality

Learning Outcome

Predict the diagnostic quality of an image.

Learning Objectives

When you have completed this module you will be able to:

1. Explain the prime factors and their effect on quantity and quality of the beam.
2. Discuss the effect photographic properties have on diagnostic quality.
3. Manage scatter control and its effect on the image.
4. Manipulate exposures in order to achieve density maintenance.
5. Discuss the effect that geometric factors have on diagnostic quality.
6. Identify patient variables which may impact the image.
7. Discuss appropriate use of automatic exposure control (AEC).

Learning Materials

1. Complete assigned learning activities.
2. View videos for additional learning of the medical imaging environment.