



Digital Imaging for Educators

Supplements

AHEC is making available copies of the following PowerPoint presentations which can be purchased as a supplement to the Digital Imaging for Educators course.

Module #1 It Starts with Medical Imaging – 59 Slides \$59.00

A look at digital technology and electronic imaging in the healthcare enterprise. This module provides an overview of digital technology as applied to healthcare with emphasis on the role of electronic imaging.

Module #2 Creating an Electronic Image – 103 Slides \$103.00

This module covers the basic concepts of creating electronic images. The creation of electronic images for all modalities has a number of concepts that build into a foundation for specific modalities such as computed radiography and digital radiography.

Module #3 Computed Radiography – 168 slides \$168.00

Computed radiography is a very complex subject with a number of variables that impact upon image quality. This module addresses many of the facts and myths concerning CR and describes the intricacies of each step in creating the image.

Module #4 Digital Imaging – 41 Slides..... \$41.00

Digital imaging is a straight forward process that encompasses a variety of image capture techniques. This module covers each of the current techniques for creating a digital image and compares and contrasts image acquisition as well as processing.

Module #5 Digital Display – Hard/Softcopy – 42 Slides..... \$42.00

Image display is often overlooked, but in reality it may be the most important part of the imaging process as the display, whether hard or soft copy, is used to make the interpretation of the images. There is a significant difference in the display values required for film (optical density) as opposed to softcopy display being read from a monitor (presentation values).

- These modules are offered for educational purposes only. They should supplement and not replace or supersede information provided by vendors or other resources.
- Each PowerPoint presentation has a slide stating that this is a supplement to the course and for educational use only.
- Each CD can only be started from a CD player and cannot be transferred to computer memory.



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