

Radiology Essentials for the Physical Therapist

INSTRUCTOR: Robert C. Rinke, DC, PT

\$195.00

Contact hours: 8.0

Course Description:

This is an introductory course covering an overview of relevant radiology and its significance for the practicing clinical physical therapist. Basic fundamentals of roentgenography will be discussed including: how plain film radiographs (X-rays) are produced as well as adjusted to provide desired structural emphasis, positioning for various views, and other variables. Next, a general introduction to normal musculoskeletal radiographic anatomy emphasizing osseous structures and landmarks of the spine, pelvis, and extremities will be presented. A limited amount of pathological and more common normal anatomical variants and or congenital anomalies will be addressed. Finally, a brief discussion of special imaging techniques will be presented with the emphasis on Magnetic Resonance Imaging (MRI).

Course Objectives:

Upon completion of the course the participant should:

- have a basic understanding of plain film radiograph production, modification, factors affecting quality and output.
- have a basic awareness of positioning variables for various plain film radiograph projections and views.
- have basic exposure to normal musculoskeletal plain film radiographic anatomy emphasizing osseous structures of the spine, pelvis, and extremities.
- have a brief exposure to pathological and common normal anatomical variants and or congenital anomalies.
- have an introductory exposure to MRI and special imaging.
- be able to better appreciate radiology and roentgenography and their proper relevance to the care of our patients in clinical practice.