

CEU Institute

Radiology/Imaging Options & Tech Update

Category of Course and Audience:	Medical- This course is designed for all licensed healthcare professionals.
Location:	On-Site Course (No fee charged)
Contributing Faculty:	Pat Salem, RN, CRRN, Nurse Consultant
Designation of Credit:	CEU Institute designates this continuing education activity for <u>1 contact hour</u> .

About the Sponsor:

The purpose of CEU Institute is to provide challenging curricula that assists nurses and allied healthcare professionals gain professional expertise while fulfilling their continuing education requirements, thereby improving the quality of healthcare.

Our contributing faculty members have taken all measures to ensure that the information and recommendations are accurate and compatible with the standards generally accepted at the time written. The sponsor disclaims any liability, loss or damage incurred as a consequence, directly or indirectly, of the use and application of any of the contents.

Purpose/Goal of Course:

This course is designed to educate the nurse case manager and adjuster on the diverse radiologic procedures and therapies available. The course will also describe and define situations for ordering one type of procedure or another, based on diagnosis. This continuing education offering provides information on the latest imaging and radiology equipment available, with specific reference to: X-Ray, Radiation Oncology, CT, MRI, Ultrasound, Radiation Therapy, and PET Imaging.

Definition: Radiology

The science of high-energy radiation and of the sources and the chemical, physical, and biologic effects of such radiation; the term usually refers to the diagnosis and treatment of disease.

The scientific discipline of medical imaging, using ionizing radiation, radionuclides, nuclear magnetic resonance, and ultrasound.

Educational Objectives/Timeline:

Upon completion of this course, the motivated student should be able to:

1. Describe the evolution of radiology in the healthcare industry and workers compensation. (5 mins.)
2. Describe the common imaging and radiology options available to the case manager and adjuster. (5 mins.)
3. Discuss and describe updates and advancements in the imaging industry. (10 mins.)
4. Recognize the advantages and disadvantages of imaging selection for specific diagnosis'. (10 mins.)
5. Manage and select appropriate radiology techniques for patient referral. (10 mins.)
6. Recognize and understand radiology vendor terms for ease in communicating referral requests. (10 mins.)
7. Review common work-related injuries and discuss proper diagnostic testing by injury (ie. lumbar, knee, ankle strain/sprain). (10 mins.)

Instructional Materials Used:

1. Handouts with the definitions/glossary
2. Overheads
3. Graphs and Statistics