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Clinical Competencies in Accredited Radiation Therapy Programs

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Abstract

Competency based education provides knowledge of student mastery and achievement of education goals. This study determines the status of clinical competency examinations in radiation therapy programs accredited by the Joint Review Committee on Education in Radiologic Technology, including the types of required competencies, level of student involvement and the evaluating personnel. Study findings reveal a consistent variety of procedures or skills are evaluated in the responding radiation therapy educational programs. In addition, evaluation, required competencies and competency evaluators are consistent across programs.

Service-Learning in Radiologic Science

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Abstract

A number of active learning strategies are being incorporated into higher education course work. This article describes the process of implementing service-learning into the radiologic science curriculum to benefit the students, faculty, community, profession, and institution. Preparation, meaningful service, structured reflection, and demonstration are four elements of service-learning activities. Ways in which service-learning differs from volunteerism and radiology internship are discussed. Educational program goals of initiating life-long learning and critical thinking skills may be achieved through service-learning.

Needs, Practices and Recommendations of Active Learning for Today's Radiation Therapy Student

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Abstract

This paper describes some of the elements forming the characteristics of today's college students in the area of learning. The learning needs of this student generation are identified, thereby enhancing faculty understanding of what motivates college students. The application of active learning strategies by various disciplines of education is described and recommendations are made for instructional delivery of courses in the radiation therapy curriculum.