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### **Development of a Survey to Assess the Continuing Education Needs of Registered Radiologic Technologists**

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#### **Abstract**

The American Registry of Radiologic Technologists (ARRT) imposed mandatory continuing education requirements as of January 1, 1997. Academic institutions may assist in meeting the ARRT's mandate by providing continuing education opportunities. A continuing education needs assessment instrument was developed and field tested. The development process included identification of criteria and construction of a needs assessment questionnaire.

The author concludes that an appropriate needs assessment instrument can be developed using the procedures described in this report.

### **Intensifying Screen Speed and Radiographic Contrast: What is the Relationship?**

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#### **Abstract**

The contradictory nature of the literature discussing the relationship between intensifying screen speed and radiographic contrast prompted the current experimental investigation. A phantom equivalent test object was radiographed using intensifying screens varying in relative speed of 100, 200, 400, and 600. Radiographic contrast was defined as the difference between the low and high optical densities.

The results indicate density differences were not equal among the varying intensifying screen relative speed groups. Further evaluation of the data indicates the relationship is not linear and the differences found in radiographic contrast would not be perceptible to the average human eye.