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Scientific Abstract

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Effects Of The Powerpoint Methodology On Learning Of Under Graduate Radiography Students Of Puducherry Region, India

Tamijeselvan Sundaramoorthy

Mother Theresa PG & Research Institute of Health Sciences, India

Objectives

The aim of this study is to find out the effect of PowerPoint technology as the main resource to convey information on learning of under graduate radiography students of Puducherry region, India, and to compare with classes taught without this technology.

Methods and materials

The sample consisted of 40 radiography students. They are divided into two groups. They were taught the content of radiation protection principles and biological effect of ionizing radiation. In the first group the content were taught with the aid of PowerPoint technology. The PowerPoint presentation consists of 20 slides was used to deliver the contents. The other group the same contents were delivered by the same faculty without the aid of the PowerPoint technology. The lessons were delivered by the faculty only aid of the blackboard. After the lesson, the students in both the group was assessed by means of a questionnaire consisting of ten multiple-choice items

Data were collected and analyzed using the statistical package for the social sciences version 15.0 (SPSS) Forty undergraduate student radiographers participated in the study from Puducherry region

Result and conclusion

The study concludes that the contents presented without PowerPoint technology scored a better result than when the same contents were presented using PowerPoint methodology.

Efficient, flexible resources like traditional chalkboard are efficient for good education