

عنوان مقاله:

COMPARISON OF LECTURE-BASED AND CD-BASED CONTROL NUCLEAR POLLUTION TRAINING FOR MEDICAL INTERNS

محل انتشار:

چهاردهمین کنگره سالانه طب اورژانس ایران (سال: 1398)

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خلاصه مقاله:

Background and Aim : Training is a targeted and pre-designed activity that requires proper planning and teaching practices, since the use of effective educational methods, especially in clinical settings, will increase the ability and knowledge of students. The aim of study was to investigate the effect of learning and content sustainability on interns of Semnan University of Medical Sciences in two methods of lecture and compact discs. **Methods :** This study was a semi-experimental study. Our study was conducted on all the interns of Semnan University of Medical Sciences in 2016-2017. The sample size included 110 people who were randomly divided into two groups. The students allocated into two groups and assigned to a lecture group and the CDs group. In a group, disaster management and control of nuclear pollution training were lecture-based and in the other group were CD-based. For evaluation and comparison of the effects of the intervention on learning, three multiple-choice question tests were administered at the beginning and at the end of the training course and 4 weeks after the intervention. The mean and standard deviation of the scores in each step were compared for each group and the two groups were compared by independent t-test in each stage. All data were analyzed by SPSS software version 16.0. **Results :** The results showed a significant difference in the amount of response to previous questions after the training. This difference was more in the CD method than in the lecture, and the same response in the one-month test showed a significant difference between the CD and the lecture ($p < 0/001$). Indicates the reliability of the content. Also, age and gender did not affect amount of learning. **Conclusion :** Multimedia education was more effective than lecturing on content sustainability. However, the combination of these two methods probably will increase the effectiveness of the training method.

کلمات کلیدی:

Nuclear Pollution, Intern, CD, Presentation

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