

عنوان مقاله:

The Effect of Training on Learning Cardiopulmonary Resuscitation Skills in Emergency Nurses

محل انتشار:

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خلاصه مقاله:

Background: Cardiopulmonary arrest is one of the most important medical emergencies in the emergency department. The knowledge and skills of nurses play an important role in the success of cardiopulmonary resuscitation and chance of survival in patients having cardiopulmonary arrest. It is necessary to improve the skills of nurses in relation to cardiopulmonary resuscitation by holding training courses. Therefore, this study was conducted with the aim of investigating the effect of training on learning cardiopulmonary resuscitation skills in emergency nurses. Methodology: This semi-experimental single-group study was conducted on 50 nurses working at emergency department of Azar Hospital in Gorgan during 2022. The training process was carried out on 25 nurses over two consecutive days in a workshop according to the latest cardiopulmonary resuscitation guidelines 2020. Data were collected using a standard questionnaire prepared by the North American Heart Association before and after the intervention. Then, using SPSS statistical software version 21, the collected data were analyzed by descriptive statistics (table, mean and standard deviation) and inferential tests (paired t-test and ANOVA test). Result: The mean score of cardiopulmonary resuscitation skill before the intervention was 11.56 ± 2.28 and after the intervention was 14.26 ± 2.21 . The paired t-test showed a significant difference in the level of learning cardiopulmonary resuscitation skills before and after the intervention ($P < 0.01$). The covariance test showed a significant difference in the level of learning cardiopulmonary resuscitation skills by removing the effect of pre-test ($P < 0.01$, $\eta^2 = 0.56$). So it can be assumed that 56% of the changes in learning cardiopulmonary resuscitation skills have been due to the training. Conclusion: Considering the effect of

training on the learning of cardiopulmonary resuscitation skills in emergency nurses, it is necessary for hospital officials and nursing managers to hold in-service training courses and check the effectiveness of these courses in order to improve the survival of patients and increase the quality of health care workers' performance

کلمات کلیدی:

Training, Skill Learning, Cardiopulmonary Resuscitation, Nurses, Emergency

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