

A Study to Assess the Effectiveness of Simulation Training Programme on Knowledge and Practice Regarding Cardio Pulmonary Resuscitation (CPR) Among Student Studying at GNSU, Jamuhar, Rohtas

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Abstract: Simulation is the process of designing a model of a real system and conducting experiment with this model for the purpose of either understanding the behavior of the system or evaluating various strategies for the operation of the system. Simulation in nursing education has become an important element specifically teaching the necessary skills and knowledge to develop competent nurse.

Objectives: To Assess the knowledge level regarding CPR among students of GNSU Jamuhar. To Find out the post-test knowledge score regarding CPR among students of GNSU Jamuhar. To Find out the association between post-test knowledge regarding CPR among students of GNSU with the demographical variables.

Methodology: A quasi experimental study was with one group pre test and post test design was adopted for the present study. Total 60 students were selected by simple random sampling technique. All students fit to inclusion criteria & consent were taken as study subject, structured questionnaire was used for data collection among students in studying at GNSU, Jamuhar. Data was collected regarding knowledge about Cardiopulmonary resuscitation. Statistics, Data entry & analysis was carried out in Microsoft excel. Statistical analysis was done by using frequency.

Results: Out of 60 respondents, Majority 17.%(10) of the participants in socio demographic data are belongs to age group (17-19)years, and 73.%(44) participant belongs to age group (20-22) year of age, and 10%(6) participate belongs to the age group (23-25) year, and 0.00% (0) participate belongs to the age group 26 & above. Majority 47% (28) of the participate are male and 53% (32) are female. Majority 53%(32) students are urban area and 47%(28) students are rural area. Majority 40%(24) participate in the given study is from nuclear family and 57%(34) participate belongs to joint family, and 3% (2) participate belongs to extended family. Majority 5% (3) participate are completed 12 intermediate from stream in commerce, and 8.33%(5) are art, and 58.33%(35) are mathematics, and 28.33%(17) are others. Majority 0.00%(0) participate are course in journalism, and 38%(23) of the participate in agriculture, and 62%(37) of the participate in BCA, and 0.00%(0) of the participate in LAW. Percentage wise distribution of students in relation to their previous knowledge about CPR that majority 20%(12) of them were well know about CPR and 80%(48) of them were unknown. The post test knowledge is increased among students after giving simulation training programme form (pre – test) 31% students have adequate knowledge Cardiopulmonary resuscitation.

Recommendation: The findings of the present study can be used as a guide of future research. Interventional study can be undertaken to improve the knowledge and practice about CPR. A study can be conducted in preventing malpractice during CPR procedure.

Conclusion: Cardiopulmonary resuscitation was satisfactory among students lack of knowledge & awareness regarding cardiopulmonary. Education regarding cardiopulmonary resuscitation should be included as a part of school curriculum. All students irrespective of their education status should be taught to break their inhibitions about discussing with their regarding cardiopulmonary..

Keywords: Assess, knowledge, CPR, Simulation

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