Impact of Pregnant Advanced Cardiopulmonary Resuscitation Training Program on Maternity Nurses' knowledge, Attitude and Practice in Beni-Suef City

Abstract

Background: Maternal Mortality Rate (MMR) is the major universal concern. Emergency care should be done by nurses with a high quality of chest compressions and rapidly advanced airway management in cardiopulmonary resuscitation (CPR) for pregnant women. The ability to respond quickly and effectively to cardiac arrest situation rests on health care team and maternity nurses being competent in the emergency lifesaving procedure of cardiopulmonary resuscitation. **Aim:** Assess the effect of pregnant advanced cardiopulmonary resuscitation learning package on maternity nurses' knowledge, attitude, and practice. **Methods:** A quasi-experimental research design was used in this study composed of 85 nurses from all maternity departments in the Beni-Suef University Hospital and General Hospital. Data were collected using a structured interview to assess nurses' knowledge, attitude and practice pre/post learning package of cardiopulmonary resuscitation for pregnant women. **Results:** The study findings demonstrate statistically significant improvement in nurses' knowledge, attitude and practice scores. However, the post-knowledge score reported high score (84.7%), the attitude modified about (87.1%) with high level and almost (92.9%) were met the CPR practice technique. **Conclusion:** Overall, the majority of nurses' knowledge, attitude and practices toward cardiopulmonary resuscitation in Beni-Suef city were neither sufficient nor favorable. All of the studied participants didn't practice CPR. After implementation the program, overall, the majority of participants had a positive attitude about CPR. **Recommendation:** The study is recommended that a training program should be conducted and a simple manual of guidelines of advanced cardiopulmonary resuscitation for pregnant women should be made available in all maternity units to be provided to newly employed nurses.

Keywords: Enhancing, knowledge, attitude, practice, Advanced Cardiopulmonary Resuscitation