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The effect of cardiopulmonary resuscitation training on the knowledge, attitude, and willingness of nursing students

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Cardiopulmonary resuscitation (CPR) has become an integral part of hospital practice, but poor knowledge and skill retention following cardiopulmonary resuscitation training for nursing students has been documented in previous study. CPR training is necessary for nursing students and is important as future nursing practitioners often discover the victims of in-hospital cardiac arrest. The present study was performed to identify the effectiveness of CPR Training on the knowledge, attitude, and willingness of nursing students in performing CPR. A quasi-experimental design was employed in the study, and 169 nursing students from a nursing school in southern Taiwan were recruited. These participants were cluster randomized into an experimental group, which received a 4-hour CPR training curriculum, and a control group, which did not receive any intervention. After the training, there was significant improvement in participants' CPR knowledge ($P < .001$), but scored significantly lower in CPR willingness than they did before receiving the training in experimental group (consisting of 85 participants). However, no significant differences were observed in the control group when their pretest and posttest results were compared. Compared to the control group, the CPR training program could significantly enhance the knowledge of CPR but decrease in CPR willingness among the experimental group. Therefore, we suggested that additional incident management with positive outcomes should be introduced in first-aid training courses to enhance the attitude and willingness of nursing students employing CPR skill.

Biography

Pao-Chen Lin has completed her PhD at the age of 43 years from Kaohsiung Medical University. She is a RN, associate professor, and the director of Nursing department, National Tainan Junior College of Nursing. She has published more than 25 papers in reputed journals and has been serving as an editorial board member of reputed. Her passion lies in caring for quality of life among the elderly.

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