

Pediatric Learning Module to Upskill Adult Trained Nurses

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Biography

Jose Arnold Tariga has recently completed his Doctor of Philosophy in Development education from Central Luzon State University in 2019, and his Master of Science in Nursing degree from Cebu Normal University in 2012. He is a Certified Professional in Healthcare Quality and is a certified American Heart Association Basic Life Support Instructor. He is currently working as a Clinical Resource Nurse in Salma Rehabilitation Hospital based in United Arab Emirates. He has published 2 papers in the Philippine Journal of Nursing and Malaysian Journal of Nursing and has presented in international conferences in UAE.

Abstract

Nursing shortage is now becoming a global phenomenon (Walker, 2010), with a projected need of 1.09 million nurses by 2024 in the US and a current shortage of 42,000 nurses in UK (Campbell, 2017). According to DoH (2017), UAE will require 16,158 nurses by 2025. With the aim of developing a more sustainable solution for nursing shortage, the researcher developed a pediatric learning module to upskill adult-trained nurses and conducted this study to determine its effectiveness. The researcher utilized Solomon 4-Group Design to determine who will be assigned to receive the pretest, module and posttest. Data was collected using a test questionnaire and competency assessment checklists. Results were subjected to descriptive statistics and factorial analysis of covariance to assess if the demographic variables affect their level of knowledge and competency. Results revealed that the module was successfully developed using the five stages of ADDIE Model namely: Analysis, Design, Development, Implementation and Evaluation. Majority of the respondents are married Asian females in their early adulthood, holding bachelor's degree in nursing, with less than 5 years of experience. Factorial analysis revealed that demographic variables did not influence their level of knowledge and competency ($p > 0.5$). The study also showed that the mean knowledge and competency levels of adult-trained nurses who received the module are significantly higher compared to those who did not undergo the module. Furthermore, the study revealed that there is a significant difference on the knowledge and competency levels between adult-trained nurses who used and did not use the pediatric module.

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