

## The PALM initiative: The pediatric adaptation via learning modules initiative

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### Abstract

**I**ntroduction & Aim: Nursing shortage is now becoming a global phenomenon with a projected need of 1.09 million nurses by 2024 in the US and a current shortage of 42,000 nurses in UK. 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.

**Method:** 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.

**Result:** 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.

**Conclusion:** The Pediatric Adaptation via Learning Modules (PALM) initiative is effective in upskilling the skills and knowledge of nurses.

### Biography:

Jose Arnold Tariga has completed his Doctor of Philosophy in Development Education from Central Luzon State University, Philippines in 2019, Professional Diploma in Healthcare Administration from the American University of Ras Al Khaimah, UAE in 2015, Master of Science in Nursing (Major in Medical-Surgical Nursing) degree from Cebu Normal University, Philippines in 2012 and Bachelor of Science in Nursing in 2008.



He is a Certified Professional in Healthcare Quality and is also 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 where he is leading the Education and Training Department of the entire facility. He has published his researches in peer-reviewed journals and has also presented in various international conferences in UAE.



### Speaker Publications:

1. Tariga, J. A., & Cutamora, J. (2015). Predictors of Subjective Wellbeing Among Elderly. Recoletos Multidisciplinary Research Journal, 3(2), 141–171. doi:10.32871/rmrj1503.02.12

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