

## Interdisciplinary Mobility Project

### Abstract

Research shows that learners retain 10% of information from reading as the only learning method, 20% from hearing, and 30% from seeing; however, this number can increase to 90% if learners can use seeing, hearing, saying, and doing. To activate learners' "limbic system", enhance learners' learning experience, and connect theory and practice better, at the XXX Organization, we designed an Interdisciplinary Mobility training program by using the educational neuroscience theory. This two-hour training program was to provide a standardized, validated assessment tool, and targeted interventions that empower nurses to accelerate patient recovery by developing an individualized, progressive mobility plan and assist the patient in its execution. The class was co-educated by the physical therapist and nurse educators. Several teaching methods such as audience response system, game, demonstration/ return demonstration, case study, and role play were used to stimulate multiple areas of the brain which allowed learners to actively participate throughout the educational event. Since May 15, 2018, 22 classes have been conducted within two months. Three pilot units with 203 Registered Nurses and Nursing Assistants received training. The same day class evaluation shows that 80% of learners expressed that the overall impression of the course was excellent; 71% thought the teaching methods and course facilitation was extremely effective, and 78% agreed that the program objectives were well achieved. In addition, ten-week clinical data was collected after the training by the clinical management team. The result indicates that the average early mobility level assessment and intervention compliance rate is more than 80%; the direct observation on the nurse document the correct BMAT level in EPIC is up to 98.8% (n=167); and overall, about 28 to 70% of patients from the pilot units showed increased mobility level (n=60). This innovative educational project successfully changed the culture of nursing practice on patients' early mobility.

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### Biography

My name is James P. I am a lecturer at Vira University, Faculty of Public Health, from 2008. I am very satisfied with my work, and pursuit of knowledge to my students. I have done different studies in different fields, but during the doctoral studies, these studies include scientific papers in the field of rehabilitation of Multiple Sclerosis. Increasing the number of patients diagnosed with this disease in our country and the low number of patients undergoing rehabilitation procedures, made me dedicated to this field.



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