

# NUS-Priority Research In Medical Education

## Exploring Year 2 Nursing Students' Perceptions of Critical Thinking and Clinical Reasoning: A Descriptive Qualitative Study



**Ms WONG Su Hui Valynn**

Alice Lee Centre for Nursing Studies, NUS Yong Loo Lin School of Medicine

Ms Wong Su Hui Valynn is a 4<sup>th</sup> year (Honour's Program) nursing student at Alice Lee Centre for Nursing Studies. Her research interest is development of critical thinking and clinical reasoning. Ms Valynn has conducted a research study and established a foundation in qualitative research on this topic, such as literature reviews and qualitative methodologies. Apart from these research skills, Ms Valynn has experienced personal growth throughout the project.

Critical thinking and clinical reasoning are core competencies developed throughout the nursing education and nursing practice. The study aimed to explore year 2 nursing students' perceptions towards critical thinking and clinical reasoning development, and the barriers faced in developing these skills. The qualitative method was used to gain deep insights into the students' experiences, perceptions and the factors that play a role in shaping their development of critical thinking and clinical reasoning skills. The results of the study provide important information to help nursing institutions tailor their curriculum to better support nursing students in developing their critical thinking and clinical reasoning to become competent nurses.

**A/Prof Yanika KOWITLAWAKUL**

Alice Lee Centre for Nursing Studies, NUS Yong Loo Lin School of Medicine

A/Prof Yanika Kowitlawakul has been working at Alice Lee Centre for Nursing Studies since July 2011. She has been involved in teaching undergraduate and graduate nursing programs. Her research areas of interest are patient safety, particularly in critical care nursing, health information technology, and education.



## Delivering Values-based Education through Experiential Learning in a Residency Outdoor Orientation Camp: A Mixed-Method Study



**Dr SEO Woon Li**

Department of Paediatrics, National University Health System

Post-graduate medical residency programs are traditionally well equipped to inculcate clinical capabilities, delivered through outcomes-based education. Values-based education is integral in nurturing a well-rounded resident. A promising approach is that of experiential learning, hinging on immersive participation and reflection, followed by conceptualization and experimentation. The biannual National University Health System (NUHS) 3-day-2-night residency outdoor orientation camp is designed with "Outward Bound Singapore". It aims to inculcate NUHS institutional TRICE values (Teamwork, Respect, Integrity, Compassion, Excellence). This mixed-methods study collates responses through Likert scales and residents' reflective journaling.

Woon Li is an Associate Consultant in Children's Emergency and Chief Registrar of the Paediatric Residency, with keen interest in acute and critical care, and community paediatric health. While shuttling around in the Emergency, Woon Li is interested in education pedagogies that maximizes opportunistic learning on the go, and those that develops resilient well-rounded individuals.

**Date : 6 May 2019 (Monday)**

**Time : 12.30pm - 1.00pm (Ms Wong & A/Prof Kowitlawakul), 1.00pm - 1.30pm (Dr Seo)**

**Venue : Symposium Room, Level 1, MD11, 10 Medical Drive, Singapore 117597**

Lunch will be provided from 12noon to 12.30pm.

Please RSVP through the CenMED Registration Portal via link or QR code (**account registration is required for new users**) by 29 April for catering purposes: <https://medworks.nus.edu.sg/fds/Default.aspx>



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