

# NUS-Priority Research In Medical Education

## E-Learning in Physiotherapy Education – A Narrative Review



E-learning has been increasingly used to enhance teaching and learning in physiotherapy education particularly during the COVID – 19 pandemic. Physiotherapy curriculum consists of a combination of theory and practical skills training. Many studies have shown that eLearning along with face-to-face learning is effective in knowledge and skill acquisition in physiotherapy education. This narrative review aims to summarise the commonly used eLearning designs, enablers and barriers to eLearning, disadvantages, student performance in comparison with face-to-face learning, etc. based on the previously published literature.

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Mr. Lakshmiipathi Lokaiah is a senior physiotherapist working in sports and orthopaedic physiotherapy outpatient unit at National University Hospital. He is also a clinical educator for SIT physiotherapy students. He holds a Bachelor degree in physiotherapy from India and also a Post Graduate diploma in higher education from NIE(NTU), Singapore.

## Navigating Nursing Curriculum Change during COVID-19 Pandemic: A Systematic Review and Meta-synthesis



COVID-19 has placed massive pressure on healthcare, economic, and education systems globally. This systematic review consolidated evidence on the experiences of nursing undergraduates and faculty members as they navigate the rapid transition from face-to-face to remote and online education to ensure continuity of learning in achieving optimal learning outcomes. A systematic review and meta-synthesis of the qualitative literature were undertaken using Sandelowski and Barroso's approach. Forty-seven studies from six electronic databases were included in this review. An overarching meta-theme 'Remote and online education: a rollercoaster ride', emerged along with three main meta-themes were identified. In this presentation, the presenter will share insights and a way forward for online teaching and learning during current and future public health crises.

**A/Prof Shefaly SHOREY**  
Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore, Singapore

Dr Shorey's research program focuses on family health. She has designed psychosocial and educational interventions for a varied group of populations and has published more than 160 peer-reviewed papers in high-impact factor journals. She serves as an editorial board member and reviewer for renowned international peer-reviewed journals. Dr Shorey has received various awards for her academic and research excellence. Of recent, she was awarded as President Nurse Award 2021, the highest nursing accolade for Singapore nursing.

**Date : 6 February 2023 (Monday)**  
**Time : 12.30pm - 1.30pm Singapore Time (30mins each)**

**Registration closes on 3 February 2023**

*This session will be conducted online*  
**Each Speaker:**  
**20mins pre-recorded presentation +**  
**10mins 'Live' Q&A**

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