

NUS-Priority Research In Medical Education

“Educification” of the QuizUp Mobile Trivia Game App



In gamification of education, learning new game rules and platforms distracts from content being taught. This extraneous cognitive load can be eliminated by “educification” of platforms already used by students for entertainment. We explored teaching with the QuizUp trivia game app. QuizUp allows for repeated practice of multiple-choice questions and, by scoring both accuracy and speed, promotes fluency and automaticity. Repeated, isolated practice of key component knowledge to achieve fluency and automaticity facilitates development of mastery. Qualitative feedback was positive and asserted that QuizUp facilitated learning. QuizUp also enabled interprofessional interaction between students across medical, dental, nursing, and pharmacy cohorts.

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Associate Professor Gavin Dawe is Deputy Head and Education Director of the Department of Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore. He teaches pharmacology to medical, dental, nursing, pharmacy, and life science students. He is currently studying for a distance learning Masters in Medical and Health Professions Education with the Eastern Virginia Medical School, Virginia, USA.

Does Change of Empathy over Academic Years have a Geographical Pattern of Variation?



High levels of physician empathy have been suggested to correlate with positive health outcomes, including greater patient satisfaction. However, how empathy changes during undergraduate medical education is poorly understood. Although the US data show that there is a significant drop in empathy in the third year, Australasian studies do not. Hence, this study aims to compare empathy change during the undergraduate career in an Asia-Pacific Medical School with other such studies in the world; and to investigate whether there is a trend in the change of empathy related to the geographical region. The results, so far, indicate that the drop in empathy over academic years becomes lesser as one moves from West to East.

Dr Gominda G PONNAMPERUMA

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Dr. Ponnamparuma is Assistant Director of the Centre for Medical Education (CenMED), NUS Yong Loo Lin School of Medicine. He has been a speaker at many international conferences. Author of several journal articles and books, he sits on editorial boards of two medical education journals. He is also a resource material developer for medical education courses, and an advisor to several academic institutes. His research interests are in assessment and curriculum development/evaluation.

Date : 5 March 2018 (Monday)

Time : 12.30pm - 1.00pm (A/Prof Dawe), 1.00pm - 1.30pm (Dr Ponnamparuma)

Venue : Room T12-03, Level 12, NUHS Tower Block, 1E Kent Ridge Road, Singapore 119228

Lunch will be provided from 12noon to 12.30pm. Please RSVP at <https://www.surveymonkey.com/r/NUS-PRIME5March2018>* by 26 February for catering purposes.

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