

NUS-Priority Research In Medical Education

The Preference Types and Decision of Specialty Choice Among New Medical Graduates in Taiwan - A Longitudinal Study Using Q Method



A prospective cohort study recruited 60 new graduates in 2021 from four large teaching hospitals and followed for two years. Participants' specialty preferences and considerations were collected using longitudinal questionnaires and audio recordings. These qualitative data were used to develop a Q-set containing 40 statements. Then, 30 of the participants took part in the subsequent Q-sorting activity. Factor analysis with varimax rotation method was used. Final specialty application results were also collected. Three distinct types of consideration preferences (factors) were loaded from the Q-sort and will be presented.

Dr. Chung-Hsien CHAOU

Chang Gung Memorial Hospital, Linkou Branch, and Chang Gung University College of Medicine, Taiwan

Dr. Chung-Hsien Chaou is a Professor at the Emergency Department and the director of clinical skills and simulation center in Chang Gung Memorial Hospital, Linkou. Dr. Chaou received his PhD training in the field of Biostatistics and Epidemiology in National Taiwan University, and a Masters degree in Clinical Education at Flinders University, Australia.

Using an Augmented Reality (AR) Simulator to Train Novice Learners in Dental Radiography



Dental students often struggle with learning intraoral radiography, an imaging technique in dentistry, due to difficulty with correlating the physical position of the film-holder set-up with the resulting x-ray image. Most existing education tools do not leverage augmented reality (AR) to bridge students' visualisation and learning gaps in this field. To overcome this, we developed iRadiate3D, a training simulator that uses an AR-enabled mobile application to project real-time visualisation of a simulated x-ray image. In this session, the presenter will share the development of this simulator, and the findings from a quantitative and qualitative study that was conducted to evaluate its effectiveness.

Dr LIM Li Zhen

Faculty of Dentistry, National University of Singapore, Singapore

Dr Lim is a Senior Lecturer at the Faculty of Dentistry NUS, and a Consultant at the National University Centre for Oral Health. She received her BDS from NUS in 2010 and her MSc in Oral and Maxillofacial Radiology at the University of North Carolina at Chapel Hill in 2017. She teaches modules in oral radiology to undergraduate and postgraduate dental students. Her research interests include evaluating the diagnostic impact of imaging, and the use of technology-enhanced learning in dental education.

Date : 2 October 2023 (Monday)
Time : 12.30pm - 1.30pm Singapore Time (30mins each)

Registration closes on 28 September 2023

Register [here](#) or scan the QR code



This session will be conducted online

Each Speaker:

20mins pre-recorded presentation +

10mins 'Live' Q&A



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