

# NUS-Priority Research In Medical Education

## "Micro-CEX": A Quick and Feasible Ophthalmology Assessment Tool in Medical Undergraduates With a New Entrusted Professional Activity (EPA) Based Curriculum



The mini-CEX has been used for years as an undergraduate assessment test in Ophthalmology at National University of Singapore. However, it is limited by the constraints of difficult administration in a busy clinic, limited clinical cases, narrow, non-standardised scope of testing and being time-intensive. We introduced "micro-CEX" to replace mini-CEX as the end of posting test. Micro-CEX involves more but significantly shorter sessions of standardised, focused assessments of important entrusted professional activities (EPA) and interactive feedback (using a modified Pendleton's model). It is aligned to the learning outcomes to drive students' learning and works on the principle of "less is more". The increased sessions enabled more student and tutor feedback opportunities. The students' and tutors perception of "micro-CEX" and the effect of micro-CEX on students' academic performance will be present.

### Adj. A/Prof YIP Chee Chew

Ophthalmology and Visual Sciences Department  
Khoo Teck Puat Hospital

Adj. A/Prof Yip is Head and Senior Consultant at the Ophthalmology & Visual Sciences Department of Khoo Teck Puat Hospital; and Clinical Director at Admiralty Medical Centre. He is also an Adjunct Associate Professor at Yong Loo Lin School of Medicine, National University of Singapore as well as Lee Kong Chian School of Medicine, Nanyang Technological University. He received the American Academy of Ophthalmology Achievement Award (2008), the American Academy of Ophthalmology International Ophthalmologist Education Award (2011) and the Eye and Visionary Award (2012) for his contributions in ophthalmic education. He has an educational research interest in effective teaching and learning.

## Understanding Students' Attitudes and Preferences Towards Various Modes of e-learning and Curriculum Delivery



Universities across the globe are utilizing various electronic and non-electronic platforms in curriculum delivery. To a large extent, these approaches are premised upon the school's idealized expectations of what the students need. In this talk, I will discuss our study to understand the students' attitudes and preferences towards the different modes of curriculum delivery offered. A total of 1280 undergraduate students from Years 1 to 4 from Life Science, Pharmacy and Nursing participated and another group specifically Year 2 undergraduate students (N=640) from Medical versus Non-medical (Life Science, Pharmacy and Nursing) participated in this study. Students have expressed the highest preference for an improvement in current webcasted lectures' audio quality. Students also express their preference for subtitles to improve webcasted lectures' usefulness as it would serve as a secondary means for them to obtain information as well as having summary points to improve their ease of annotating notes.

### Dr Judy SNG

Department of Pharmacology  
Yong Loo Lin School of Medicine  
National University of Singapore

Dr. Judy Sng is a senior lecturer in the Department of Pharmacology, National University of Singapore. She is passionate about integrating e-learning. She focuses on the pedagogical aspects of learning between the different disciplines of health care practitioners.

**Date : 5 September 2016 (Monday)**

**Time : 1.00pm - 1.30pm (A/Prof Yip), 1.30pm - 2.00pm (Dr Sng)**

**Venue : Room T09-04, Level 9, NUHS Tower Block, 1E Kent Ridge Road, Singapore 119228**

Lunch will be provided from 12.30pm to 1.00pm. Please RSVP at

<https://www.surveymonkey.com/r/NUS-PRIME5September2016>\* by 29 August for catering purposes.

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