

NUS-Priority Research In Medical Education

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Standardized Clinical Examination Videos in Orthopaedics- An Effective Pre-assessment Revision Tool for Undergraduate Clinical Examination Skills



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About the Speaker:

A/Prof Naresh has been practising as senior consultant in spine division of UOHC for the last 6 years. He has been practising orthopaedic surgery for the last 24 years and has been teaching both undergraduate and postgraduate for the last 7 years. He is passionate in metastatic spine disease (MSD), clinical examination skill assessment as well as teaching and evaluation of surgical skills. Currently, his educational research focus will be development of assessment techniques in clinical examination, imparting psychomotor skills in consistent fashion. A/Prof Naresh is currently appointed as the Undergraduate Education Director for NUS Department of Orthopaedic Surgery.

Synopsis:

Student performance during clinical assessment conducted in the form of Objective Structured Clinical Examination (OSCE) could be affected by inconsistency in clinical examination techniques (CET). Standardization of CET involves either fixing or following similar sequence and style, which can be reinforced through video demonstration of CET. Given that the examiner and the simulated patients used in the OSCE have been trained in a standardised manner, the recall capability of the individual students may be one of the main factors in student assessment. The authors produced a video demonstrating standardised CET, which were shown to a group of Phase 5 students who voluntarily attended the revision prior to facing the End of Year OSCE exam, resulting in two groups – attendees and non-attendees. Student feedback was collected immediately after the video session to study the students' perception. Their performance in the OSCE exam was analysed in terms of structured subjective comments from the examiners and exam scores – these were compared between the two groups.

*If you are interested to share your medical education research project, please email
medyeos@nus.edu.sg to book a slot.*

CME/ CNE/ CPE accreditation are being finalised.

Time: 1.00pm to 2.00pm

Venue: Room T11-03, Level 11, 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/s/NUS-PRIME4Aug2014> before 28 Jul for catering purpose.)