

NUS-Priority Research In Medical Education

Using the Think-aloud Approach in Script Concordance Testing to Enhance Student's Learning in Clinical Reasoning



Script concordance test (SCT) is a valid and reliable tool to assess clinical reasoning (CR) in medical education. A clinical scenario is presented in the context of uncertainty, additional pieces of information are given and students are asked to decide whether this information increases or decreases the probability/appropriateness of the proposed diagnosis/management on a 5-point Likert scale (-2, -1, 0, +1 or +2). The answers are then compared to that of a panel of expert clinicians and scored using a weighted scoring system according to the concordance with the panel. The use of the Think-aloud (TA) approach could further enhance the student's learning in CR.

A/Prof Michael WAN

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Michael Wan is the Head of Basic Clinical Sciences Domain and the former Head of Assessment. His current research interest is in assessment of clinical reasoning using Script Concordance Tests. He received the Vice Chancellor's Award for excellence in teaching and the Australian Office of Learning & Teaching National Citation Award. He has recently been conferred the Fellowship of the Australia and New Zealand Association for Health Professional Educators (FANZAHPE).

Developing a Reflective Medical Practice in Junior Doctors – A Pilot Program



There is increasing evidence of the benefits of mindfulness and reflection for medical practitioners. Mindfulness allows retrospective and introspective thought to help one learn and hone clinical skills while cultivating one's wellbeing. We implemented a pilot structured program, teaching principles of mindfulness and reflective practice, on PGY1 doctors. We found that the prevalence of perceived burnout was significantly reduced, and resilience scores improved in the intervention group, while there was no difference observed in the control group. The programme showed it is possible to mitigate burnout in PGY1 doctors, with structured group sessions of group sharing, mindfulness, and reflection.

Dr TAN Ze Lei

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Tan Ze Lei is a graduate of the National University of Singapore (NUS), Yong Loo Lin School of Medicine. She is a Senior Resident in the Department of Paediatrics in National University Hospital. In her years of Residency, she worked closely with some colleagues and seniors in Post Graduate Year 1 (PGY1) education and training.

Date : 6 September 2021 (Monday)
Time : 12.30pm - 1.30pm Singapore Time (30mins each)

Registration closes on 1 September 2021.

This session will be conducted online

Each Speaker:
20mins pre-recorded presentation +
10mins 'Live' Q&A

Register at: <https://tinyurl.com/bck236hc>
or scan the QR code

