

NUS-Priority Research In Medical Education

Does the Learner-centered Approach Using Teleconference Improve Medical Students' Psychological Safety and Self-explanation in Clinical Reasoning Conferences? A Crossover Study



Clinical reasoning is an essential skill for all medical students and a core competency for all medical experts. We have traditionally held lively case conferences to teach medical students the clinical reasoning process experts use. However, most novices have difficulty speaking up in front of department staff during the conference. Our hypothesis was that low participation might be caused by low psychological safety due to social hierarchy. Learner-centered approach teleconference can help overcome this psychological problem. This study aims to measure the psychological safety of students and their engagement in self-explanation during learner-centered approach teleconferences compared to traditional conferences.



Dr Yoji HOSHINA

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Dr Yoji Hoshina is a physician currently working at U.S. Navy Hospital Yokosuka, Japan. Before beginning his current position, Yoji completed a two-year post graduate training and one year of General Medicine training at Chiba University Hospital. Through his clinical training, he also participated in medical education research. His interests in medical education include clinical reasoning, mentorship, and psychological safety.

Dr Kiyoshi Shikino is a qualified general internist and holds a PhD in medicine and a master of health professional education (MGH Institute of Health Professions).

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Burnout, Resilience and Joy in Work: What Does It Really Mean for Junior Doctors?



Burnout among doctors is increasing, with higher rates observed in junior doctors and trainees. While some studies suggest that resilience and job satisfaction may lead to reduced burnout, these associations may not necessarily be straightforward or linear. In this presentation, we will explore the relationship between burnout, resilience and joy in work among junior doctors, and assess if there are differences between trainees and non-trainees. The findings from this study provide a starting point for examining similar relationships in your own institutions, and enable us to launch vital conversations on how best to support junior doctors in the workplace.

Dr Sabrina LAU Yanting

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Dr Lau is an Associate Consultant Geriatrician with keen interests in Post-Graduate Education and Research. She is part of the National Healthcare Group Internal Medicine Residency Core Faculty and the Resident Wellness Committee. She started work in burnout during her Chief Residency tenure, and continues to delve deeper in her bid to improve institutional support structures and joy in work.

Date : 3 May 2021 (Monday)
Time : 12.30pm - 1.30pm Singapore Time (30mins each)

This session will be conducted online



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

Registration closes on 29 April 2021.

Register at:
<https://inetapps.nus.edu.sg/fds/Default.aspx> or
QR code
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