NUS National University of Singapore

Department of Microbiology and Immunology
Seminar Series on Education

Utilising simulation to teach behaviour management in medical settings



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Education Seminar
Date: Tuesday, 19 October 2021 Time: 12:00 PM – 1:00 PM

Registration not required.
Scan or click on the QR code to join the seminar.

Zoom Meeting ID:
873 0762 5069
Password:
M&ISeminar

Abstract
Many medical practitioners are hesitant about providing care for children due to the common misconceptions and "horror stories" about children being uncooperative. However, with a deeper understanding of child development, adequate training in behavioural management techniques and its applications, practitioners can successfully treat the majority of children without the need for pharmacological interventions.

Pragmatism is an educational philosophy that espouses the idea of practical learning, the use of guided activities to facilitate learning instead of the traditional teacher-focused method. Simulation, both physical and virtual, can improve empathy in learners and provide alternatives to hands-on experience in managing children. In this presentation, we explore the use of simulation to facilitate the teaching of behaviour management.

Biography
Dr Hu Shijia is a consultant in the Paediatric dentistry department at the National University Centre for Oral Health. Additionally, he is an assistant professor and undergraduate program director for paediatric dentistry at the Faculty of Dentistry. The experience from dealing with rowdy children have prepared him well to manage dental students. He has a passion for the utilization of technology in education and have used multi-prong approaches to teach behaviour management in the undergraduate dental curriculum.

Recommended readings:
1. Sharma, Sakshi, Rajesh Devi, and Jyoti Kumari. "Pragmatism in education." International Journal of Engineering Technology Science and Research 5.1 (2018): 1549-1554.
2. Lynn, Ong, et al. "Healthcare encounters in young children: impact of Teddy bear Hospital, Singapore." The Asia Pacific Scholar 3 (2018): 24-30.
3. Dyer, Elizabeth, Barbara J. Swartzlander, and Marilyn R. Gugliucci. "Using virtual reality in medical education to teach empathy." Journal of the Medical Library Association: JMLA 106.4 (2018): 498.