



The CQM Seminar Series presents: A stepped-wedge cluster randomized trial comparing two models of palliative care: Trial design, analytic strategy and findings

Date: 9th September 2022, Friday Time: 2.00pm - 3.00pm

Abstract

The benefit of specialist palliative care for cancer inpatients is established, but evidence is lacking for comparative effectiveness of different ways of delivering palliative care. A stepped-wedge cluster randomized trial was conducted to compare a consult model versus a co-rounding model to deliver specialist palliative care for cancer inpatients admitted to the Singapore General Hospital. Both models provide the same content of specialist palliative care to individual patients but differ in the level of integration between palliative care and oncology clinicians. The primary outcome was hospital length of stay. Patients under the co-rounding model of care was found to have a shorter hospital length of stay. In this seminar, the speakers will present in more details the clinical background and findings of the trial. They will also discuss the rationale and challenges in the design and analysis of stepped-wedge cluster randomized trials.

Speakers



Dr Grace YANG is a Senior Consultant at the Division of Supportive and Palliative Care, National Cancer Centre Singapore, and Assistant Professor at Lien Centre for Palliative Care, Duke-NUS Medical School. Alongside clinical work, Dr Yang is actively pursuing health services research on palliative care delivery. She received the NMRC Transition Award and Temasek Foundation SMF Grant to develop and evaluate novel palliative care models for patients with advanced cancer.



Professor CHEUNG Yin Bun is a Professor at Duke-NUS Medical School, Singapore, and Adjunct Professor at Tampere University, Finland. He has broad interest in epidemiology, statistical methodology, and quality of life research. He received multiple NMRC and other research grants to improve design and analysis of clinical trials and measurement of patient-reported outcomes. He is the author of *Statistical Analysis of Human Growth and Development* and the developer of *Singapore Caregiver Quality of Life Scale*.

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