



Academic Medicine  
Research Institute  
SingHealth Duke-NUS

# RESEARCH GRAND ROUNDS

## Roles of Systems Analytics for Future Health Systems

Envisioning and planning for future health systems require the ability to deal with the complex interdependencies and uncertainties across large-scale systems. Systems analytical approaches are available for evidence-based planning from the macro to the meso and micro planning level. Systems analytics has its roots across various multidisciplinary domains (e.g., decision science, industrial engineering, operations research and management science).

Join Dr Lam and Dr Oh as they share use cases and explore the potential where systems analytics can be useful in the planning of future health systems.

Wednesday, 15 May 2024  
12:30pm to 1:30pm (SGT)  
via Zoom Webinar



CME, CPE and CNE points  
may be awarded.

Register for free now at  
<https://for.sg/rgr15may2024>

### Speakers



#### Dr Sean Lam Shao Wei

Deputy Director, Health Services Research Centre (HSRC), SingHealth  
Adjunct Associate Professor, SingHealth Duke-NUS Global Health Institute (SDGHI)

- Leads the Data Science pillar in the SingHealth HSRC
- Research focus aims to advance academic knowledge and influence healthcare policy and practice, promoting a data-driven, evidence-based, and patient-centric approach towards the effective delivery of health services



#### Dr Oh Hong Choon

Deputy Director, Health Services Research (HSR), Changi General Hospital (CGH)  
Deputy Director, Centre for Population Health Research & Implementation (CPHRI), SingHealth

- Involved extensively in healthcare analytics including prescriptive analytics in various public healthcare institutions in Singapore after earning his doctoral degree in Engineering in 2009
- Current research interests are in the areas of prescriptive and predictive analytics, and cost effectiveness evaluation

### Facilitator



#### Assoc Prof Tan Hiang Khoon

Deputy CEO (Future Health Systems), Singapore General Hospital (SGH)  
Group Director, International Collaboration Office (ICO), SingHealth  
Director, SingHealth Duke-NUS Global Health Institute (SDGHI)

- Previously was the Academic Chair, Surgery Academic Clinical Program, SingHealth, and Chairman, Division of Surgery & Surgical Oncology, Singapore General Hospital (SGH) and National Cancer Centre Singapore (NCCS)
- Passionate about Global Health and has established the Global Surgery Programme in Surgery ACP with a clear vision anchored by strong academic principles