

FUNDAMENTALS OF CLINICAL RESEARCH

26 - 27 May 2020

Venue: NUHS Tower Block, Seminar Room T06-03

INTRODUCTION



The 2nd iteration of this workshop brings together a stellar faculty from diverse backgrounds with one thing in common – a passion for clinical research!

The 2-day program will cover the nuances of clinical research through lectures, hands-on practical exercises and multiple small group breakout sessions. This course is ideal for junior doctors, residents, nurses and new faculty. Upon completion of the course, we hope the participant will be able to conduct a simple prospective study and apply for a small start-up grant.

FACULTY

- Dr Kevin Chung, Department of Plastic Surgery, University of Michigan, USA
- Dr Calvin Chiew, Department of Preventive Medicine, NUH
- Dr Soumen Das De, Department of Hand & Reconstructive Microsurgery, NUH
- Dr Dennis Hey, Department of Orthopaedic Surgery, NUH
- Dr Teemu Karjalainen, Department of Surgery, Central Hospital Central Finland
- Dr Stephanie Ko, Division of Advanced Internal Medicine, NUH
- Dr Kuan Win Sen, Department of Emergency Medicine, NUH
- Dr Manjari Lahiri, Divisions of Advanced Internal Medicine & Rheumatology, NUH
- Dr Margaret Ma, Division of Rheumatology, NUH
- Dr See Kay Choong, Respiratory & Critical Care Medicine, NUH
- Dr John Soong, Division of Advanced Internal Medicine, NUH

CORE TOPICS

DAY ONE

- Defining the research question
- Observational studies
- Interventional studies
- Ethics approval
- Writing a successful grant
- Systematic reviews
- Effective mentorship in research
- Survey design
- Patient-reported outcomes

Practical exercises:

- Research design
- Literature review
- Survey design & data management

DAY TWO

- Descriptive statistics
- Inferential statistics
- Regression analysis
- Analyzing EHR data
- Economic analyses
- How to write a good manuscript
- Dealing with reviewers
- Using graphs, tables & figures

Practical exercises:

- Basic statistics
- Preparing a manuscript

PARTICIPATION & MATERIALS

Pre-course reading materials and a detailed program will be made available to participants to allow them to be equipped with foundational knowledge prior to the workshop. Closer to the course, participants will also be asked to submit a brief (1-page) proposal of a research topic of their interest. These proposals will be discussed during the course and will be used for the practical segments.

REGISTRATION & PAYMENT



Please scan the QR Code to access the registration form

Registration Deadline: 30 April 2020
Maximum Class Size: 40 participants

VENUE

Location: NUHS Tower Block level 6, room T06-03

By car: Please alight at NUHS Tower Block, 1E Kent Ridge Road. There is very limited parking available in the immediate vicinity.

By MRT: Please take Exit B at Kent Ridge MRT. The NUHS Tower Block is located directly across the road.

	Now to 29 Feb 2020	After 29 Feb 2020
Residents / Nurses	\$ 500	\$ 550
Specialists	\$ 550	\$ 600

Enquiries: Ms Sandra Aw Yong
(sandra_awyong@nuhs.edu.sg)