**Course Objectives**

This course will address issues in clinical trials, including blinding, randomization, sample size, power, ethical, regulatory, and quality-of-life issues. Interim and sequential analysis, analysis of multiple treatments and endpoints, stratification and subgroup analysis, as well as meta-analysis of randomised controlled trials will also be discussed.

Although particular emphasis is given to the evaluation of treatment in Phase III clinical trials, statistical design of early phase trials will also be covered.

**Who Should Attend**

The course is designed for physicians, nurses, pharmacists and other health care professionals involved in clinical trials, as well as Principal Investigators and researchers embarking upon research or submitting a clinical trial proposal for funding.

**Teaching Faculty**

**Professor David Machin**  
Emeritus Professor of Clinical Trials Research, University of Sheffield  
Emeritus Professor of Clinical Statistics, University of Leicester

**Professor Pierce Chow**  
Office of Clinical Sciences, Duke-NUS Graduate Medical School of Singapore  
Senior Consultant, Department of Surgery, Singapore General Hospital

**Dr Narayanaswamy V Ramani**  
Consultant Neurologist, Neuroscience Centre, Raffles Hospital

**Dr Teoh Yee Leong**  
Chief Executive Officer, Singapore Clinical Research Institute  
Adjunct Associate Professor, Saw Swee Hock School of Public Health, National University of Singapore

**Assoc Professor Edwin Chan**  
Centre for Quantitative Medicine, Duke-NUS Graduate Medical School of Singapore  
Head (Epidemiology), Singapore Clinical Research Institute

**Assoc Professor Christopher Chen**  
Department of Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore  
Senior Clinician Scientist, Biomedical & National Medical Research Councils, Singapore

**Assoc Professor Tai Bee Choo**  
Saw Swee Hock School of Public Health, National University of Singapore  
Yong Loo Lin School of Medicine, National University of Singapore
COURSE CONTENTS

The course will introduce participants to the principles of design, conduct and evaluation of clinical trials. The course comprises:

- An overview of clinical trials and protocol development
- Issues in early phase clinical trials
- Study designs of Phase III clinical trials
- Special considerations in surgical and vaccine trials
- Multiple treatment groups and endpoints
- Stratification and subgroup analysis
- Interim and sequential analysis
- Quality of life evaluation in clinical trials
- Reporting and critical evaluation of clinical trials
- Meta-analysis of randomised controlled trials

COURSE FEES

SGD1,337.50 (including prevailing GST)

Course fees include lecture materials.

Closing date for registration: 1 DECEMBER 2015

Applications are on “first-come-first-serve” basis. Successful applicants will be informed no later than 8 December 2015 and course fees must be received by 15 December 2015 to secure a place.

CANCELLATION

Any cancellation must be conveyed to the course administrator in writing via email.

A cancellation charge of 50% of fee will be levied if the cancellation is received before 8 JANUARY 2016

NO REFUNDS WILL BE GIVEN FROM 8 JANUARY 2016 ONWARDS but replacement with another name is permissible.

ACCOMMODATION

The course is non-residential. Participants who require accommodation may contact the Course Administrator for information.

CONTACT INFORMATION

Course Coordinator:
Associate Professor Tai Bee Choo
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[E] bee_choo_tai@nuhs.edu.sg

Course Administrator:
Ms Gina Goh
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