

## About The Workshops

### 1. Basic Systematic Review & Meta-analysis Workshop

This two-day Basic Workshop provides an essential overview of the entire systematic review process, as described in the “Cochrane Handbook for Systematic Reviews of Interventions”. It covers the key topics on developing a focused question (PICO method), effective literature searching, assessing risk of bias of studies, conducting meta-analysis using Review Manager, managing study heterogeneity and interpreting the results (e.g. forest and funnel plots).

### 2. Advanced Systematic Review & Meta-analysis Workshop

This 1-day Advanced Workshop will cover systematic reviewing of non-standard (cluster, cross-over and factorial) randomized controlled trials (NSRCT). Topics addressed include design and analysis of NSRCT, advanced literature searching (in EMBASE and the Cochrane Library) and reference management using EndNote, risk of bias appraisal and meta-analysis.

*The workshops will be delivered through a mixture of interactive presentations, small-group discussions, and hands-on computer exercises.*

## Facilitators (Cochrane Singapore)

### Director:

**Assoc Prof Edwin CHAN**

Chief Scientific Officer,  
Singapore Clinical Research Institute

### Staff Members:

**Dr Luming SHI**

Head of Epidemiology, SCRI

**Dr Fahad SIDDIQUI**

Senior Epidemiologist, SCRI

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Epidemiologist, SCRI

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*Information is subject to change without notice and correct at time of publicity (April 2016).*



## Cochrane Workshops on:

### 1. Basic Systematic Review & Meta-analysis Workshop

20 & 21 July 2016, Wednesday & Thursday

Day 1: 9.00am – 5.30pm

Day 2: 9.00am – 5.00pm

### 2. Advanced Systematic Review & Meta-analysis Workshop

22 July 2016, Friday

9.00am – 5.30pm

Saw Swee Hock School of Public Health  
National University of Singapore  
Block MD1 (Tahir Foundation Building), Level 8  
12 Science Drive 2  
Singapore 117549

Limited places  
for each  
workshop!

Jointly presented by  
the Cochrane Singapore,  
the Duke-NUS Medical School,  
the Singapore Clinical Research Institute  
and  
the NUHS Medical Publications Support Unit

CPE points are in process of accreditation



Yong Loo Lin School of Medicine  
Faculty of Dentistry  
Saw Swee Hock School of Public Health

## Programmes

### 1. Basic Systematic Review & Meta-analysis Workshop, 20 & 21 July 2016

Day 1 – Wednesday, 20 July 2016	
08:30	<b>Registration</b>
09:00	Welcome Address
09:10	The Cochrane Collaboration, Systematic Reviews and Review Protocol
09:30	Formulating a Structured Review Question and Introduction to Standard RCT Design
10:00	<b>Morning Tea</b>
10:20	Systematic Searching of PubMed
11:20	Small Group Activity: Formulating the Question and Developing a Search Strategy
12:00	<b>Lunch</b>
13:00	Computer Lab: Searching PubMed For Evidence
14:15	Understanding Standard RCT Processes and Risk of Bias
14:45	Appraising Risk of Bias
15:15	<b>Afternoon Tea</b>
15:35	Small Group Activity: Appraising the Risk of Bias
16:30	Computer Lab: Using RevMan5 to Enter Characteristics of Studies and Risk of Bias
17:30	<b>End</b>
Day 2 – Thursday, 21 July 2016	
08:30	<b>Registration</b>
09:00	Summary Statistics and Meta-analysis for Binary Data
09:45	Summary Statistics and Meta-analysis for Continuous Data
10:30	<b>Morning Tea</b>
10:50	Summary Statistics and Meta-analysis for Count and Time-to-event Data
11:45	<b>Lunch</b>
12:45	Understanding Heterogeneity
13:30	Understanding Meta-analysis
14:15	Small Group Activity: Data Extraction Exercise
15:00	<b>Afternoon Tea</b>
15:20	Computer Lab: Using RevMan 5 to Enter Study Results
16:20	Publishing a Cochrane Systematic Review
16:50	Closing Remarks
17:00	<b>End</b>

Any cancellation or replacement must be conveyed to the Secretariat in writing. There will be no fee refund for any cancellation notice received after 27 June 2016.

## Programmes (cont'd)

### 2. Advanced Systematic Review & Meta-analysis Workshop, 22 July 2016

Friday, 22 July 2016	
08:30	<b>Registration</b>
08:50	Welcome Address
09:00	Non-standard RCT Design (Cluster, Crossover & Factorial RCTs)
09:45	PICO Variations for RCTs
10:10	<b>Morning Tea</b>
10:25	Literature Search (EMBASE & Cochrane Library)
11:25	Reference Management with EndNote (Part 1)
12:10	<b>Lunch</b>
13:00	Reference Management with EndNote (Part 2)
14:00	Risk of Bias (Appraisal for Cluster, Crossover & Factorial RCTs)
14:45	Small Group (Appraisal Exercise)
15:15	<b>Afternoon Tea</b>
15:30	Analysis & Meta-analysis of Non-standard RCTs
16:15	Small Group (PICO & Data Extraction Exercise)
16:45	Computer Lab Session (Creation of a Systematic Review in RevMan with RoB Table for Non-standard RCT Studies)
17:30	<b>End</b>

## Registration Details

Fees (GST inclusive)	
Basic Systematic Review & Meta-analysis Workshop (2 days)	S\$749
Advanced Systematic Review & Meta-analysis Workshop (1 day)	S\$385.20
Basic AND Advanced Systematic Review & Meta-analysis Workshops (3 days)	S\$1070

\* Registration fees will be waived for registered Cochrane reviewers. Please contact the Secretariat for details.

For registration, please visit

<http://itumed.nus.edu.sg/psu/registration/index.aspx>

For enquiries, please contact

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Deadline is on  
27 June 2016, Monday