Cochrane Singapore

Basic Cochrane Workshop on Systematic Review

Date : 23 - 24 May 2018 (Wed — Thu)

Venue: E-Learning Lab, Level 3, Tan Tock Seng Hospital

This **2-Day Basic Workshop** provides essential guidance for the entire systematic review process, with particular reference to the Cochrane Handbook for Systematic Reviews of Interventions. It covers the key topics of <u>developing a focused question</u> (PICO method), developing an effective <u>literature search</u> strategy, <u>assessing risk of bias</u>, <u>conducting meta-analysis</u> using RevMan, understanding the results (e.g. forest and funnel plots) and managing heterogeneity.

Workshop objectives:

- Learn Systematic Review procedures based on the Cochrane framework
- Develop effective literature searching strategies for various databases
- Appraise primary study and extract binary, continuous and time-to-event data
- Conduct meta analysis and data visualization using Review Manager
- Manage heterogeneity and interpret Forest plots
- Construct GRADE Summary of Findings Tables and assess Certainty of Evidence
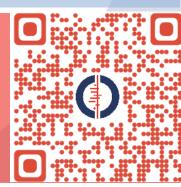
REGISTRATION DETAILS

Fees: S$ 749 (incl. GST)

Closing date: 11 May 2018

For registration, please scan QR code.

Or visit our webpage :
http://singapore.cochrane.org/regisform

CO-ORGANISED BY:

SINGAPORE CLINICAL RESEARCH INSTITUTE

DukeNUS Medical School

Tan Tock Seng HOSPITAL

Basic Cochrane Workshop on Systematic Review

23rd – 24th May 2018 (Wed-Thu)
E-Learning Lab (Newton & Galileo), Level 3, TTSH

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DAY 1: Protocol development & critical appraisal	
Time	**Topic**
08:30 – 09:00	*Registration*
09:00 – 09:15	Welcome & Objectives
09:15 – 09:30	1.1: Intro to Cochrane Systematic Reviews & the Review Protocol
09:30 – 10:15	1.2: Focused Question & the Parallel Group RCT Design
10:15 – 10:30	*Tea break*
10:30 – 11:00	1.3: Searching for Evidence
11:00 – 11:45	***Small Group Exercise*** : Searching for Evidence
11:45 – 12:45	*Lunch*
12:45 – 13:15	1.4: Study Processes, Causes & Effects of Bias
13:15 – 13:45	1.5: Appraising Material Bias in a RCT
13:45 – 14:15	1.6: ***Guided Exercise***: Appraising Bias with the Cochrane RoB 2.0 Tool
14:15 – 15:00	***Small Group Exercise***: PICO & RoB Data-Extraction (Caffeine)
15:00 – 15:15	*Tea break*
15:15 – 16:00	***Demo*** : Intro to RevMan & Setting Up RoB Table
16:00 – 17:00	***Small Group Exercise*** : PICO & RoB Data-Entry into RevMan (Caffeine)
17:00	*End of Day 1*

DAY 2: Introduction to Analysis	
Time	**Topic**
08:30 – 09:15	2.1: Understanding & Interpreting a Meta-Analysis
09:15 – 10:00	2.2: Understanding Dichotomous Outcome Data for RevMan
10:00 – 10:20	***Small Group Exercise***: Dichotomous Outcome Data Extraction
10:20 – 10:35	*Tea break*
10:35 – 11:10	2.3: Understanding Continuous Outcome Data for RevMan
11:10 – 11:30	***Small Group Exercise***: Continuous Outcome Data Extraction
11:30 – 12:15	2.4: Understanding Count & Rate Outcome Data for RevMan
12:15 – 12:30	***Small Group Exercise***: Survival Outcome Data Extraction
12:30 – 13:30	*Lunch*
13:30 – 14:15	2.5: Understanding & Exploring Heterogeneity in a Systematic Review
14:15 – 15:00	***Demo*** : Setting up Outcome Data Tables & Outcome Data-Entry into RevMan
15:00 – 15:15	*Tea break*
15:15 – 16:00	2.6: Understanding the Summary of Findings Table
16:00 – 16:30	2.7: Appraise the certainty of evidence
16:30 – 17:00	***Demo*** : Creating the Summary of Findings Table using GRADEproGDT
17:00	*End of Day 2*