

Cochrane Workshop on Basic Systematic Review & Meta-analysis Locating, Synthesizing & Publishing the Best Evidence Available

24 & 25 July 2017, National University of Singapore

Day 1 – Monday, 24 July

Time	Programme	Venue
8:30	<i>Registration</i>	
9:00	Welcome Address	Seminar Room 2
9:15	Introduction to Cochrane Systematic Reviews & Review Protocol	
9:30	Focused Question & Parallel Group RCT Design	
10:15	<i>Morning Break</i>	
10:30	Searching for Evidence	Seminar Room 2
11:00	Small Group Exercise: Searching for Evidence	- Seminar Room 2 - Computer Lab 2 - Computer Lab 1
11:45	<i>Lunch</i>	
12:45	Study Processes, Causes & Effects of Bias	Seminar Room 2
13:15	Appraising Material Bias in RCT	
13:45	Guided Exercise: Appraising Bias with Cochrane RoB 2.0 Tool	
14:15	Small Group Exercise: PICO & RoB Data-Extraction (Caffeine)	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
15:00	<i>Afternoon Break</i>	
15:15	Practical: Introduction to RevMan & Setting Up RoB Table	Computer Lab 2
16:00	Small Group Exercise: PICO & RoB Data-Extraction (Caffeine)	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
17:00	<i>End</i>	

Day 2 – Tuesday, 25 July

Time	Programme	Venue
8:15	<i>Registration</i>	
8:30	Understanding & Interpreting Meta-Analysis	Seminar Room 2
9:15	Understanding Dichotomous Outcome Data for RevMan	
10:00	Small Group Exercise: Dichotomous Outcome Data Extraction	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
10:20	<i>Morning Break</i>	
10:35	Understanding Continuous Outcome Data for RevMan	Seminar Room 2
11:10	Small Group Exercise: Continuous Outcome Data Extraction	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
11:30	Understanding Count & Rate Outcome Data for RevMan	Seminar Room 2
12:15	Small Group Exercise: Survival Outcome Data Extraction	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
12:30	<i>Lunch</i>	

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Continued

Time	Programme	Venue
13:30	Understanding & Exploring Heterogeneity in Systematic Review	Seminar Room 2
14:15	Practical: Setting Up Outcome Data Tables & Outcome Data-Entry into RevMan	Computer Lab 2
15:00	<i>Afternoon Break</i>	
15:15	Understanding Summary of Findings Table	Seminar Room 2
16:00	Practical: Creating Summary of Findings Table using GRADEproGDT	Computer Lab 2
16:30	Getting Started on Systematic Review	Seminar Room 2
17:00	<i>End</i>	

Cochrane Workshop on Advanced Systematic Review & Meta-analysis on Observational Studies

26 & 27 July 2017, National University of Singapore

Day 1 – Wednesday, 26 July

Time	Programme	Venue
8:30	<i>Registration</i>	
9:00	Introduction to Observational Studies - Why observational studies; PICO for observational studies; Searching PubMed for observational studies	Seminar Room 2
9:45	Small Group Exercise: Searching PubMed for Observational Studies	- Seminar Room 2 - Computer Lab 2 - Meeting Room #08-02
10:15	<i>Morning Break</i>	
10:30	Cohort Study Designs & Appraising Bias	Seminar Room 2
11:30	Case-control Study Design and Appraising Bias	
12:15	<i>Lunch</i>	
13:15	Strategies to Control for Confounding I: - Stratification (e.g. case-control); Matching (e.g. cohort)	Seminar Room 2
13:45	Strategies to Control for Confounding II: - Regression	
14:15	Basic Contingency Table Analysis of Case-control Studies	
14:45	Introduction to Regression Practical Dataset	
15:00	<i>Afternoon Break</i>	
15:15	Introduction to R	Seminar Room 2
15:45	Practical: Regression Analysis in R	Computer Lab 2
16:30	<i>End</i>	

Day 2 – Thursday, 27 July

Time	Programme	Venue
8:30	<i>Registration</i>	
9:00	Introduction to ROBINS-I Appraisal Tool for NRSI	Seminar Room 2
9:30	Guided Exercise: Using the ROBINS-I tool to Appraise a Cohort Study	
10:15	<i>Morning Break</i>	
10:30	Structured Tool for Case-control Studies	Seminar Room 2
11:00	Small Group Exercise: Appraising Case-control Studies	- Seminar Room 2 - Computer Lab 2 - Computer Lab 1
12:00	<i>Lunch</i>	
13:00	Introduction to Meta-regression	Seminar Room 2
13:30	Practical: Meta-regression in R	Computer Lab 2
14:15	Meta-analysis Issues in Observational Studies: Dealing with clinical and design heterogeneity, i.e: - Mix of cohort and case-control studies; Differences in clinical characteristics; Stratified studies; Matched studies; Regression analysis	Seminar Room 2
15:00	<i>Afternoon Break</i>	
15:15	Small Group Exercise: Data Extraction of Case-control Studies (Binary Outcome)	- Seminar Room 2 - Computer Lab 2 - Computer Lab 1
15:45	Practical: Entering the Case-control Study Data into RevMan	Computer Lab 2
16:30	<i>End</i>	