

# Introduction to Systematic Reviews for Evidence Consumers

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21 May 2019

NTU@one-north Executive centre,  
11 Slim Barracks Rise, Singapore 138664

**Target audience:** Policy makers, clinicians or researchers who aim to understand or critique systematic reviews for informing decision making and clinical practice

Introduction to Systematic Reviews for Evidence Consumers	
Time	Topic
08:30 – 09:00	<i>Registration</i>
09:00 – 09:10	Welcome & Objectives
09:10 – 09:30	1.1: Introduction to Cochrane Systematic Reviews & the Review process
09:30 – 10:15	1.2: Focusing the Question & introduction to the Parallel Group RCT Design + Exercise
10:15 – 10:30	<i>Tea break</i>
10:30 – 11:15	1.3: Searching for evidence & the using the Cochrane Library
11:15 – 12:00	1.4: Appraising the quality of a review and the bias of its included studies
12:00 – 13:00	<i>Lunch</i>
13:00 – 14:30	1.5: Understanding the types of outcome data, treatment effect summaries and meta-analysis + Exercise
14:30 – 15:15	1.6: Dealing with heterogeneity in a systematic review
15:15 – 15:30	<i>Tea break</i>
15:30 – 16:00	1.7: Understanding Summary of Findings Tables
16:00 – 16:30	1.8: Interpreting Certainty of Evidence grading and statements + Exercise
16:30 – 17:00	1.9 How translatable is the evidence – what to consider in Cochrane reviews
17:00	<i>End of Day</i>

# Basic Cochrane Systematic Review Development Workshop

22<sup>nd</sup> – 23<sup>rd</sup> May 2019

NTU@one-north Executive centre,  
11 Slim Barracks Rise, Singapore 138664

**Target audience:** Policy evaluators, clinicians or researchers who aim to **conduct** systematic reviews

DAY 1: Protocol development & critical appraisal	
Time	Topic
08:30 – 09:00	<i>Registration</i>
09:00 – 09:15	Welcome & Objectives
09:15 – 09:30	1.1: Intro to Cochrane Systematic Reviews & the Review Protocol
09:30 – 10:00	1.2: Focused Question & the Parallel Group RCT Design
10:00 – 10:15	<i>Tea break</i>
10:15 – 11:00	1.3: Searching for Evidence
11:00 – 11:30	<b>Small Group Exercise</b> : Searching for Evidence
11:30 – 12:00	1.4: Screening & managing the evidence with Covidence
12:00 – 13:00	<i>Lunch</i>
13:00 – 13:30	1.5: Appraising Risk of Bias & Intro to the Cochrane RoB 2.0 tool
13:30 – 14:15	1.6: <b>Guided Exercise</b> : Appraising Bias with the Cochrane RoB 2.0
14:15 – 15:00	<b>Small Group Exercise</b> : PICO & RoB Data-Extraction (Caffeine)
15:00 – 15:15	<i>Tea break</i>
15:15 – 16:15	<b>Demo</b> : Intro to RevMan & Setting Up RoB Table
16:15 – 17:00	<b>Small Group Exercise</b> : PICO & RoB Data-Entry into RevMan (Caffeine)
17:00	<i>End of Day 1</i>
DAY 2: Introduction to Analysis	
Time	Topic
09:00 – 09:30	2.1: Understanding RevMan datatypes for data-entry & extraction
09:30 – 10:00	<b>Small Group Exercise</b> : Outcome Data-Extraction
10:00 – 10:20	<i>Tea break</i>
10:20 – 11:00	2.2: Understanding & Interpreting a Meta-analysis
11:00 – 11:30	2.3: Managing Heterogeneity in a Systematic Review
11:30 – 12:30	<b>Demo</b> : Setting up Outcome Data Tables & Outcome Data-Entry into RevMan
12:30 – 13:30	<i>Lunch</i>
13:30 – 14:00	2.4: Understanding the Summary of Findings (SoF) Table
14:00 – 14:30	<b>Small Group Exercise</b> : Creating the SoF Table using GRADEPro GDT
14:30 – 15:15	2.5: Appraising Certainty of Evidence for the SoF Table
15:15 – 15:35	<i>Tea break</i>
15:35 – 16:30	<b>Small Group Exercise</b> : Completing the SoF Table using GRADEPro GDT
16:30 – 17:00	2.6: Putting it all together – how Cochrane Singapore can help you
17:00	<i>End of Day 2</i>