

Introduction to Systematic Review and Meta-Analysis

June 2-3, 2022

10:30-13:00 ET

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Course objectives:

- Understand the role of systematic reviews in healthcare
- Describe the essential steps of conducting systematic reviews
- Learn about searching principles
- Learn about collecting data for systematic reviews
- Gain familiarity with the tool for assessing risk of bias in randomized trials
- Interpret the results of meta-analyses

Course timetable:

Thursday, June 2, 2022

10:30 – 10:40	Welcome
10:40 – 11:30	1. Introduction to systematic review
11:30 – 11:45	Break
11:45 – 12:30	2. Framing a research question systematic reviews
12:30 – 13:00	3. Group exercise: framing the question

Homework for Day 1: Review the online lecture “**Searching for trials**”

Part 1 – <https://www.youtube.com/watch?v=DfL4o9GHauQ>

Part 2 – <https://www.youtube.com/watch?v=45TYcs3uI4>

Part 3 – <https://www.youtube.com/watch?v=6QdgbtWyLuk>

Friday, June 2, 2022

10:30 – 11:30	4. Assessing the risk of bias in randomized trials
11:30 – 11:45	Break
11:45 – 12:50	5. Introduction to meta-analysis
12:50 – 13:00	Summary

Homework for Day 2: Review the online lecture “**Abstracting data for systematic reviews**”

<https://www.youtube.com/watch?v=QQJiLOwwkJo>