

A TWO-DAY COURSE IN SYSTEMATIC REVIEWS 18-19. March 2021

Location: Online. The course will be given using Teams

Course organizer: Department of Clinical Research, University Hospital of North Norway

Lecturer:

Mike Clarke, DPhil, Professor of Clinical Epidemiology, University of Oxford, UK and Director of the Northern Ireland Methodology Hub, Queen's University Belfast, UK.

Course content:

The course will provide an introduction to systematic reviews. The two days will include learning and practical experience for many aspects of systematic reviewing. This will cover topics such as question formulation, setting the eligibility criteria, searching and critical appraisal of studies, data extraction and analysis. Examples used to illustrate the key steps will be relevant to the participants, who should leave the course able to use systematic reviews for decision-making and confidence in their ability to plan and conduct a systematic review.

Objectives of the course:

Participants will:

- be able to formulate a clear research question for a systematic review and set the eligibility criteria.
- have the knowledge they need to search for studies for a systematic review, including choosing sources to search and words or phrases to use in the search.
- plan the data extraction for a systematic review.
- understand the basic principles of the meta-analysis techniques used for systematic reviews (including heterogeneity).

Competencies

Participants will be able to:

- understand the practical aspects of doing a systematic review.
- use this knowledge to appraise systematic reviews.

PROGRAM

(minor changes to the program may occur)

Day 1: Thursday 18. March 2021

09.00-10.00	Introduction to systematic reviews and question formulation
10.00-10.15	Break
10.15-11.00	Introduction to systematic reviews and question formulation
11.00-11.15	Break
11.15-12.00	Eligibility criteria
12.00-12.45	Lunch break
12.45-14.00	Searching for studies
14.00-14.15	Break
14.15-15.15	Designing a study and a review

Day 2: Friday 19. March 2021

09.00-10.00	Applying eligibility criteria and generating data for a meta-analysis
10.00-10.15	Break
10.15-11.00	Meta-analysis
11.00-11.45	Lunch Break
11.45-12.45	Meta-analysis
12.45-13.00	Break
13.00-13.45	Subgroups
13.45-14.00	Break
14.00-14.45	Heterogeneity
14.45-15.00	Break
15.00-16.00	Data extraction and summary

For information and inquiries, please, contact Department of Clinical Research, e-mail:

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