Certificated Online Systematic Review Advanced Author Training Course

Brief Description of Course - Scope

This course provides authors actively involved in conducting a Cochrane systematic review with confidence to assess a wide range of data types. It offers insight into additional methods of meta-analysis and includes an overview of how to produce a summary of findings table for use in your review. This course consists of online workshops with short presentations, small group activities and practical demonstrations using Revman Web and GRADEPro GDT.

Objectives

By the end of this course, participants should be able to:

1. Understand how to identify, extract and analyse dichotomous and continuous data and perform simple bivariance meta-analysis
2. Understand additional meta-analysis methods, including use of Generic Inverse Variance Meta-analysis, multiplicity issues (multi-arm trials, cluster and cross-over designs) and sensitivity analysis.
3. Understand how to investigate and deal with heterogeneity and the use of fixed and random effects models.
4. Conduct meta-analysis in RevMan web.
5. Understand basics of how to incorporate GRADE into systematic review findings for both randomized controlled trials and observational studies.

Target Audience

This course is targeted at healthcare professionals, academics, researchers, decision-makers and Cochrane Nigeria core staff who are actively involved in performing a Cochrane systematic review.

Facilitators: Martin Meremikwu, Emmanuel Effa, Babasola Okusanya, Ekpereonne Esu, Olabisi Oduwole & Dachi Arikpo

Venue: This course will hold online (via Zoom)

Proposed Class Size: 20 participants

Proposed Dates: 7-30 October 2025

Duration: The course will hold over 2 days per week for 2hrs 30mins each day for four weeks.

Certificate

Either of two kinds of certificates will be awarded to participants:

Certificate of competence: This will be awarded to all participants who attain a minimum of 50% class attendance and complete all their assignments/assessments successfully.

Certificate of attendance: This will be awarded to participants who attain a minimum of 50% class attendance but who fail to complete all their assignments/assessments successfully.

Course Fees Per Participant

- Regular Rate: NGN 60,000/ USD 100
- Student Rate: NGN 30000/ USD 50