

# **Cochrane Caribbean Systematic Review & Meta-Analysis Workshop**

## **WORKSHOP OBJECTIVES**

The objectives of the workshop are:

1. To introduce those involved in or interested conducting medical research to the basic skills needed to do a Cochrane Systematic Review:
  - a. Formulating a clinical research question(s)
  - a. Developing search strategies
  - a. Outlining processes involved in establishing criteria for study selection
  - a. Assessing risk of bias in included studies
  - a. Data synthesis including meta- analysis
  - a. Formulating conclusions
2. To train participants through practical sessions to use of software useful in conducting Cochrane Systematic Reviews.

## **WORKSHOP FACILITATORS**

Dr. Nadia Bennett  
Mr. Kern Rocke  
Ms. Georgia Williamson

**Workshop Agenda**

**30<sup>th</sup>, March 2026**

| <b>Time</b>         | <b>Session</b>  | <b>Presenter</b>                  |
|---------------------|---|-----------------------------------|
| 8:30 – 9:00         | Registration  |                                   |
| 9:00 – 9:20         | Welcome   | Nadia Bennett                     |
| 9:20 – 9:30         | Agenda Review   | Nadia Bennett / Kern Rocke        |
| 9:30 – 10:15        | What is Cochrane?<br>Contributing to Cochrane & Building the Caribbean Network<br>An Introduction to the Cochrane Library | Kern Rocke                        |
| 10:15 – 10:30       | COFFEE BREAK  |                                   |
| 10:30 – 12:00       | Study Design - Review and Definitions   | Nadia Bennett                     |
| <b>12:00 – 1:00</b> | <b>LUNCH</b>  |                                   |
| 1:00 – 1:30         | Writing a systematic Review: Cochrane Methods   | Nadia Bennett                     |
| 1:30 – 2:00         | Defining a review question  | Georgia Williamson                |
| 2:00 – 3:00         | Title & Question : Exercise   | Georgia Williamson & Facilitators |
| 3:00 – 3:30         | Writing a Protocol  | Nadia Bennett                     |
| 3:30 – 4:15         | Protocol & Analysis: Exercise   | Nadia Bennett & Facilitators      |
| 4:15 – 4-30         | Wrap up   | Kern Rocke                        |

## Workshop Agenda

3<sup>rd</sup> April, 2024

| Time                | Session  | Presenter       |
|---------------------|--|-----------------|
| 8:30 – 9:00         | Registration and Welcome   |                 |
| 8:45 - 9:00         | Agenda Review  | Kern Rocke      |
| 9:00 – 10:00        | Searching for studies  | Nadia Bennett   |
| 10:00 – 10:30       | COFFEE BREAK   |                 |
| 10:30 – 11:30       | Searching for studies: Exercises <ul style="list-style-type: none"> <li>○ Selecting search terms</li> <li>○ Searching for studies in Cochrane Library</li> </ul> | Facilitators    |
| 11:30 – 12:00       | Selecting studies  | Kern Rocke      |
| <b>12:00 – 1:00</b> | <b>LUNCH</b>   |                 |
| 1:00 – 1:30         | Collecting Data  | Nadia Bennett   |
| 1:30 – 2:30         | Collecting data: Exercises   | Facilitators    |
| 2:30 – 3:00         | Assessing risk of bias in included studies   | Kern Rocke/ TBD |
| 3:00 – 4:00         | Risk of bias: Exercise   | Facilitators    |
| 4:00 – 4:15         | Wrap up  | Kern Rocke      |

**Workshop Agenda**

4<sup>th</sup> April 2024

| <b>Time</b>         | <b>Session</b>                               | <b>Presenter</b> |
|---------------------|--|------------------|
| 8:30 – 9:00         | Registration                                 |                  |
| 8:30 - 8:45         | Agenda Review                                | Nadia Bennett    |
| 9:00 – 9:30         | Statistics Review                            | Kern Rocke       |
| 9:30 – 10:00        | Analysing dichotomous outcomes               | Kern Rocke       |
| 10:00 – 10:30       | Analysing continuous outcomes                | Kern Rocke       |
| 10:30 – 11:00       | COFFEE BREAK                                 |                  |
| 11:00 – 11:30       | Introduction to meta-analysis                | Tonya Campbell   |
| 11:30 – 12:15       | Meta-analysis: Data collection exercise (p1) | Facilitators     |
| <b>12:15 – 1:15</b> | <b>LUNCH</b>                                 |                  |
| 1:15 – 2:00         | Meta-analysis: Data collection exercise (p2) | Facilitators     |
| 2:00 – 2:45         | Heterogeneity                                | Nadia            |
| 2:45 – 3:30         | Other outcomes and study designs             | Kern Rocke       |
| 3:30 – 3:45         | Warp-up                                      | Kern Rocke       |

**Workshop Agenda**

5<sup>th</sup> April 2024

| <b>Time</b>         | <b>Session</b>                         | <b>Presenter</b> |
|---------------------|--|------------------|
| 8:30 – 9:00         | Registration                           |                  |
| 8:45- 9:00          | Agenda Review                          | Kern Rocke       |
| 9:00 – 9:15         | Introduction to RevMan                 | Kern Rocke       |
| 9:15 – 10:00        | Rev Man Exercises                      | Facilitators     |
| 10:00 – 10:30       | COFFEE BREAK                           |                  |
| 10:30 – 11:00       | Rev Man Exercises (continued)          | Facilitators     |
| 11:00 – 12:00       | Reporting Biases                       | Kern Rocke       |
| <b>12:00 – 1:00</b> | <b>LUNCH</b>                           |                  |
| 1:00 – 2:00         | Assessing the certainty of evidence    | Nadia Bennett    |
| 2:00 – 2:30         | Health Equity in Systematic Reviews    | Kern Rocke       |
| 2:30 – 3:00         | Reporting the review                   | Kern Rocke       |
| 3:00 – 3:30         | Wrap up (Presentation of Certificates) | Nadia Bennett    |
| <b>THE END</b>      |  |                  |