

Primer in Network Meta-analysis Systematic Reviews Course

1 February 2022 to 25 March 2022

What is a network meta-analysis?

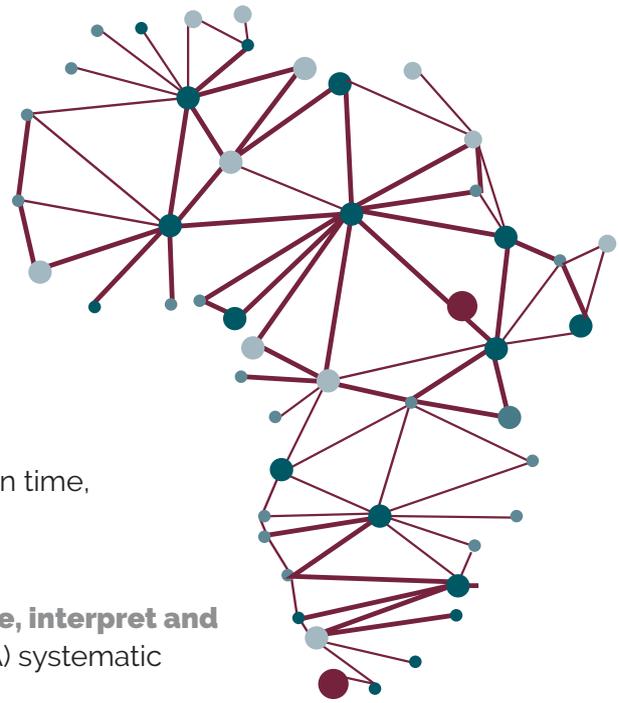
Network meta-analysis is a statistical method that enables the comparison of three or more interventions simultaneously and goes beyond simple pair-wise comparisons. It tells us which treatment option is the best.

Who is this for? Clinicians, Researchers and Policy-makers working in the field of HIV in sub-Saharan Africa, interested in learning more about how to find, read and interpret network meta-analysis systematic reviews

Format: 2-3 hours per week self-study in your own time, with weekly live Q&A sessions.

Aims and Objectives:

The overall aim is for participants to **find, appraise, interpret and consider the use** of network meta-analysis (NMA) systematic reviews of effects.



At the end of the course, participants will be able to:

1. Outline the rationale for research synthesis and be able to phrase questions.
2. Identify the principles of randomised controlled trials and risk of bias.
3. Find, read, and appraise NMA systematic reviews.
4. Interpret findings of reviews of effects, including statistical interpretation of NMA.
5. Be able to interpret a GRADE profile and Summary of Findings table for NMA.
6. Outline key components of a systematic review of effects that need to be considered in applying to health policy and practice.

TIMELINE

Week
01



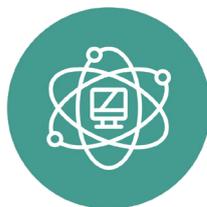
Introduction,
SUNOnline
Orientation

Week
02



Evidence-based
Practice and
Phrasing
questions

Week
03



Randomised
Controlled
Trials and
Risk of Bias

Week
04



Finding, reading
and appraising
NMA Systematic
Reviews

Week
05



Interpreting
NMA Systematic
Review results

Week
06



GRADE and
SoF tables

Week
07



Evidence into
Policy and Practice:
Knowledge
Translation

Week
08



Post course
readings and
discussions

Duration: 8 weeks

Dates: 1 February 2022 to 25 March 2022

If interested, please contact: Liesel Floor: lieselfloor@sun.ac.za

Cost: Bursaries available for 25 participants

Application deadline: 24 January 2022

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