

# Primer in Network Meta-analysis Systematic Reviews Course

1 February 2022 to 25 March 2022

## What is a network meta-analysis?

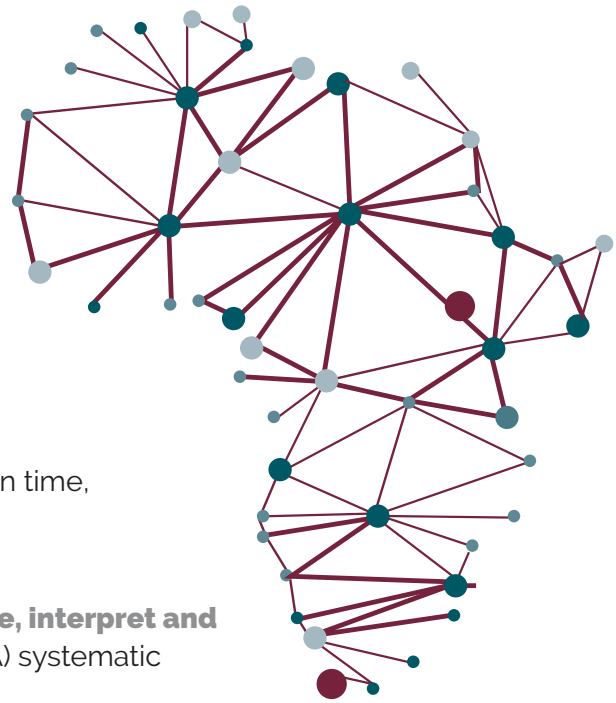
Network meta-analysis is a statistical method that enables the comparison of three or more interventions simultaneously and goes beyond simple pair-wise comparisons. It tells us which treatment option is the best.

**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](mailto:lieselfloor@sun.ac.za)

**Cost:** Bursaries available for 25 participants

**Application deadline:** 24 January 2022

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