



## **Clinical Research Protocol Writing**

**Target audience:** Registrars (MMed candidates) and individuals who are ready to begin or are in the process of drafting a quantitative clinical research protocol.

**Format:** Self-study of online material with opportunities for interaction and contact with experts along the way. The course consists of 5 core modules and will cover all the steps required to draft a quantitative clinical research protocol.







to protocol



in <4 months



Introduction & Clinical research concepts



9 May 2019

## **Modules**

Research question & Literature review







- 1.1 Developing a good research question
- 1.2 Literature searching & managing references
- 1.3 Writing a literature review

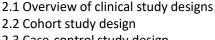
Clinical research design & Methods



29 May 2019







- 2.3 Case-control study design 2.4 Cross-sectional study design
- 2.5 Diagnostic test accuracy study design

Data collection & **Analysis** 





- 3.1 Biostatistical concepts
- 3.2 Sampling and sample size estimation
- 3.3 Data collection tools
- 3.4 Data management & statistical analysis plan

Health research ethics





- 4.1 Health research ethics considerations
- 4.2 The online ethics submission process

Timeline & **Budget** 



- 5.1 Preparing a research timeline
- 5.2 Drawing up a research budget

Finalising the draft protocol & Tying the loose ends



27 August 2019



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**Download the flyer from:** www.sun.ac.za/MMedResearch Application for course: <a href="https://www.sun.ac.za/RDStraining">www.sun.ac.za/RDStraining</a> by 2 May 2019





