



PASCAR Clinical Research Training Program
Short Course 2023

a PASCAR Clinical Research Training Task Force activity

Title of course: Clinical Research Training Short Course
Type of course: Research methods
Location: Online training
Date: April 2023 to September 2023
Duration: 6 modules of 120 minutes (12 hours)
Organization: PASCAR, University of Cape Town, University of Zurich
CPD/CME: 12 CME/CPD points per course (UCT accredited)
Participants: Cardiologists, physicians and scientists working in the field of CVD
Course fees: 150 USD

Facilitators: **Friedrich Thienemann & Mahmoud Sani**
PASCAR Clinical Research Training Task Force

Faculty: Friedrich Thienemann University of Cape Town & University of Zurich
Mahmoud Sani Bayero University Kano
Anastase Dzudie University of Buea
Karen Sliwa University of Cape Town
Mark Engel University of Cape Town
Pilly Chillo Muhimbili University of Health and Allied Sciences
Selim Boudiche Université de Tunis

Speakers: Friedrich Thienemann University of Cape Town & University of Zurich
Mahmoud Sani Bayero University Kano
Anastase Dzudie University of Buea
Karen Sliwa University of Cape Town
Mark Engel University of Cape Town
Pilly Chillo Muhimbili University of Health and Allied Sciences
Selim Boudiche Université de Tunis
Sandra Mukasa University of Cape Town
Antoneta Mashinyira University of Cape Town
Andre Kengne South African MRC
Mark Engel University of Cape Town
Graeme Meintjes University of Cape Town
Ana Mocumbi Universidade Eduardo Mondlane



Description:

The aim of this program is to train the next generation of clinician scientists on the African continent and to pass on information and skills necessary to successfully start or enhance a career as a clinical research professional. The program provides a profound background on the principals of clinical research with focus on registries, observational cohort studies, and clinical trials. A special focus will be on drug development in clinical trials. The program will cover key ethical aspects of conducting research involving human participants, teaches the regulatory and legal requirements of performing clinical studies and finally thoroughly explains the planning and performance competences of conducting clinical trials.

This program has been designed by the **PASCAR Clinical Research Training Task Force** to meet the needs of young clinical research professionals from academia and hospitals working in the field of cardiovascular diseases (cardiologists and physicians). A few seats will be available for graduates from life sciences (non-clinical) conducting clinical research in the field. Furthermore, it provides an opportunity for to gain a comprehensive understanding of the phases of clinical research and the practical aspects of cohort study planning and conduct of clinical trial.

Sessions will be held the last Thursday of the month at 17:00 SAST for 120 minutes. The research course consists of 5 virtual modules and 1 hybrid session to conclude the curriculum. Acquired competencies will be checked by multiple-choice tests after each module. *(This programme is subject to change.)*

Clinical Research Training Short Course Curriculum

Date Last Thursday of the month	Module	Content	Convener
27 April 2023	Observational cohort studies and clinical trials, introduction to Evidence based medicine	Epidemiological methods and study designs, research question development, Evidence based medicine, 5 A's, PICO, level of evidence	Friedrich Thienemann
25 May 2023	Regulator aspects in clinical research	GCP, ethical considerations, regulatory aspects	Selim Boudiche
29 June 2023	Basic clinical research skills	Data management, quality control, data cleaning, participant recruitment strategies	Mark Engels Philly Chillo
27 July 2023	Fundamentals of biostatistics	Epidemiological measures of health, basic statistics in medical research, statistics in clinical trials	Anastase Dzudie
31 August 2023	Abstract & manuscript writing	Abstract preparation for congresses, design a poster, manuscript writing	Mahmoud Sani
21 - 23 September 2023 Joint PASCAR Congress	Presentation of research proposals	Presentation of research proposals	Mahmoud Sani, Friedrich Thienemann & Task Force Leaders