



PASCAR Clinical Research Training Program Seminar 2022

a PASCAR Clinical Research Training Task Force activity

Title of course:	Cohort Studies in Africa
Type of course:	Research Methods
Location	Cape Heart Institute at the University of Cape Town, South Africa
Date	14 November 2022
Duration	10 lectures of 45 minutes (7.5 hours)
Accreditation	PASCAR & University of Cape Town
CPD	8 CPD points (UCT accredited)
Participants	Cardiologists, physicians and scientists working in the field of CVD
Number	20-25 participants
Course fee	USD100 (payable to PASCAR by electronic fund transfer before the course commences)
Facilitators:	Friedrich Thienemann & Mahmoud Sani on behalf of PASCAR Clinical Research Training Task Force
Faculty:	Friedrich Thienemann University of Cape Town & University of Zurich, Switzerland
	Mahmoud Sani Bayero University Kano, Nigeria
	Sandra Mukasa University of Cape Town
	Karen Sliwa University of Cape Town
	Antoneta Mashinyira University of Cape Town
	Patrick Katoto University of Cape Town
	Andre Kengne South African MRC
	Liesl Zühlke University of Cape Town & South African MRC
	Mark Engel University of Cape Town
	Ana Mocumbi Eduardo Mondlane University, Maputo, Mozambique

Facilitated and supported by



CAPE HEART INSTITUTE
Global Medicine



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Description:

Epidemiological data from Africa is lacking. Cohort studies are the most important tool to understanding the natural history of disease and associated risk factors. The course **Cohort Studies in Africa** will cover the principles of developing a research question, cohort study design, GCP and regulatory aspects, data collection, analysis, and critical evaluation. Funding opportunities and examples of pan African cohort studies will give insight into current projects on the continent.

This programme is subject to change

Session 1 How to design and run a cohort study (Friedrich Thienemann, Mahmoud Sani)

- Developing a research question for cohort studies
- Hypothesis generation
- Definition of cohort studies
- An overview of different study designs

Session 2 Regulatory aspects (Sandra Mukasa, Karen Sliwa)

- Introduction of Good Clinical practice
- Regulatory aspects and ethics approvals
- Conduction cohort studies in vulnerable populations

---Lunch---

Session 3 Data management & analysis (Antoneta Mashinyira, Patrick Katoto, Andre Kengne)

- Data collection and data quality management
- Data cleaning and basic statistical analysis
- Interpreting data and drafting manuscripts

Session 4 Funding & experience form the field (Liesl Zühlke, Mark Engel, Ana Mocumbi)

- Fundings opportunities for clinical research in Africa
- Experience from the field: multisite research in rheumatic heart diseases
- Experience from the field: challenges of research in Mozambique

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