



South Africa Chapter

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ISPOR South Africa Chapter cordially invites you to attend the second
ISPOR South Africa Chapter Workshop for 2017

Date: 02 August 2017
Time: 08:45 – 15:30
Venue: Protea Hotel Marriot Balalaika
Maude Street, Sandown, Sandton
Faculty: Prof Paul Rheeder

Professor Paul Rheeder is a trained specialist physician with a PhD in Clinical Epidemiology obtained from the Utrecht University. He occupied the Medihelp Chair in Clinical Epidemiology at the University of Pretoria for 10 Years. He is past acting Head of the School of Health Systems and Public Health, University of Pretoria. His main research interests are in diabetes and diabetes related complications and management.

Attendees will be guided on how to use trials with cross-over designs, understanding primary or secondary endpoints such as Overall Survival(OS), Progression Free Survival (PFS) and Time to progression (TTP) or composite endpoints and which primary endpoints are the most important and acceptable (such as PFS vs. OS in oncology etc.)

Topic: *Complex clinical trials: Understanding their design and interpreting results*

Program:

08:45 - 09:00 Registration
09:00 - 09:10 Welcome and background
09:10 - 10:10 **Introduction to the hierarchy of evidence and trial design**
This session will start by introducing the hierarchy of evidence, which reflects the relative authority of various types of biomedical research. Then, the session will move on to explain the basic principles of clinical trial design and explore different types of trial designs, including parallel and crossover, non-inferiority and equivalency, with a discussion of how design affects considerations such as sample size.
10:10 - 10:30 Tea break
10:30 - 11:30 **Introduction to the hierarchy of evidence and trial design (continued)**
11:30 - 12:30 **Fundamentals of trial design: Practical case study**
Participants will work through a case study of a published clinical trial and discuss its strengths and limitations in the context of what they have just learned. Reading material will be circulated prior to the workshop.
12:30 - 13:00 Lunch
13:00 – 14:30 **Complex clinical trials: Challenges to interpretation**
This session will introduce participants to more complex trial designs, like those often used in oncology research. For example, these trials may have complicated cross-over designs, use multiple or composite endpoints or otherwise employ strategies that complicate the interpretation of results.
14:30 – 15:30 **Complex clinical trials: Practical case study**
Participants will work through a second case study with a more complex clinical trial and discuss its strengths and shortcomings. Reading material will be circulated prior to the workshop.
15:30 Close of meeting

Registration fee: R2500 (Member), R3250 (Non-Member)
RSVP to info@isporsa.co.za or events@medsoc.co.za before or on 26 July 2017