



ISCR—IASCT

Presents

Workshop on Statistics for Non-Statisticians

Saturday 24th September, 2011

FACULTY

- ⇒ Dr. Moumita Sinha, Biocon
- ⇒ Shyla G., GlaxoSmithKline
- ⇒ Dr. Prasanthi S., Quintiles
- ⇒ Kanimozhi A., Ecron Acunova

Delegate Fee

Rs. 500/-

Register & Pay Online

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Offline Payment

- ⇒ Cheque / DD payable at
Mumbai
- ⇒ In favor of " Indian Society
for Clinical Research "
- ⇒ Mail to us at : **ISCR**
Secretariat, C/o. Pfizer Centre,
Patel Estate, S.V. Road,
Jogeshwari (W),
Mumbai – 400 102.

Venue : Astrazeneca Pharma india Ltd, "Avishkar" Bellary Road, Hebbal, Bangalore - 560 034.

Time : 9 am to 5 pm

Abstract:

This course will be an overview of statistical concepts used in clinical research with an emphasis on thinking and interpretation rather than on calculations or mathematical details. It will introduce the statistical principles & activities that form the basis for good clinical research: covering various aspects of study design, conduct, analysis and reporting. Concepts will be illustrated with examples and case studies. The course will help develop the ability for "statistical thinking" which will enable understanding of study protocols and reports, and critical reading of scientific literature.

Who Should Attend?

All clinical research professionals without formal training in mathematics or statistics; Professional statisticians interested in a refresher course.

PROGRAMME

Session 1 (3 hours): Statistical considerations in study design:

- Study objectives & endpoints
- Choice of control group
- Superiority, non-inferiority & equivalence designs
- Randomization & blinding
- Sample size & power

Session 2 (1.5 hours): Statistical activities during study conduct:

- Statistical data review
- SAP preparation
- Identifying protocol violators, etc.

Session 3 (2 hours): Data analysis & interpretation

- Hypothesis testing
- Illustrate interpretation of results using demography, efficacy and safety tables & graphs
- Interpretation of clinical trial results in publications

Contact Details : 022 - 66932028 / 2677 4140 / 9930237322 * info@iscr.org