



Indian Association for Statistics in Clinical Trials
presents a two-day workshop on



Statistical Concepts for Clinical Research

March 10-11, 2011 at Hotel Atria in Bengaluru
The workshop in Bengaluru is co-sponsored by IDDCR

April 28-29, 2011 in Mumbai*

Faculty:

Dr. Ashwini Mathur, Novartis

Dr. Vishwanath (Mahesh) Iyer, Novartis Oncology

Abstract:

This course will be an overview of statistical concepts used in clinical research with an emphasis on interpretation rather than on calculations or mathematical details. It will introduce the principles of statistical inference which form the basis for good clinical research. Participants will learn about the application of statistical methods to the design and analysis of clinical trials. Concepts will be illustrated with live examples.** 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.

Audience:

All clinical research professionals without formal training in mathematics or statistics; Graduating students of statistics interested in a career in clinical research; Professional statisticians interested in a refresher course

Workshop - Day 1

9:00 AM – 10:00 AM : Describing Data

10:15 AM - 11:15 AM : Sampling Variability and Confidence Intervals

11:30 AM – 1:00 PM : An Introduction to Hypothesis Testing: Two sample and Paired t-test

2:00 PM - 3:30 PM : Comparing Proportions Between Two Independent Populations

3:45 PM - 5:00 PM : When Time Is of Interest: The Case for Survival Analysis

Workshop - Day 2

9:00 AM - 10:30 AM : Issues in study design including sample size

10:45 AM - 12:15 PM : Correlation and simple linear regression

12:30 PM - 1:30 PM : Multiple Regression and ANOVA

2:15 PM - 3:15 PM : Multiple Regression and ANOVA

3:30 PM - 5:00 PM : Logistic regression

Workshop Fees

INR 4000 (includes attendance, course-material, lunch and tea for two days)

Registration & Payment

To register, please email Jagannatha.P.S@gsk.com with the following details:

Name of participant:

Name of organization:

Attending location: Bengaluru/Mumbai

Registration deadline is **March 4th** for Bengaluru and **April 22nd** for Mumbai

Deposit the amount to IASCT Bank account and inform by email to: Jagannatha.P.S@gsk.com

Name of Bank: HDFC Bank Ltd.

Branch: K H Road

Bengaluru 560027

Beneficiary: Indian Association for Statistics in Clinical Trials

A/c Number : 12062020005242

*Venue for Mumbai will be confirmed soon

**Participants are requested to bring laptops with Microsoft Excel

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