

National Heart and Lung Institute (Imperial College), London SW3

Introductory Medical Statistics

~ Two-day course ~

Introduction:

This two-day introductory course has been running successfully for five years for clinical and scientific research staff.

We aim to introduce doctors, nurses, clinical research fellows and postgraduate students – anyone who requires an understanding of statistics in their work or research - to a number of statistical concepts, listed in the “Aims and Objectives” below. No prior knowledge of statistics is assumed.

Dates, audience and charges:

- Held for internal staff (free of charge), two or three times a year
- Held for external candidates (with a registration fee charged), once a year (in the Autumn)

AIMS AND OBJECTIVES

By the end of the two days, participants should be able to:

- Have an appreciation of the uses of statistics in research
- Understand how their research hypothesis relates to statistical null and alternative hypothesis
- Identify different data types and describe and summarise them
- Appreciate which statistical tests are appropriate for their data (two and three group scenarios)
- Assess agreement using a variety of methods
- Calculate sample sizes for basic study designs
- Understand the principles behind various forms of regression analysis
- Critically appraise statistical methodology and reported results in peer-reviewed publications

REGISTRATION – FEES and PROCEDURE

Internal candidates:

- **Free of charge - application via internal application form. Places allocated on random basis, with priority given to previous unsuccessful applicants.**

External candidates:

- **Held on different dates to the above; fees are:**
£200 including handout and daytime refreshments/lunch
£225 as above, plus optional course evening dinner

Delegate numbers are limited, and demand is always very high

CPD accreditation: 12 non-clinical points

For further information, please contact:

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