

Understanding Clinical Laboratory Data

Understand the meaning and significance of the results of laboratory assays and how to apply this understanding to the clinical trial.

What Is The Course About?

This course is ideal for you if you are responsible for interpreting or using clinical laboratory data, or are responsible for the results of the interpretation.

By the end of this course, you will be able to:

- Understand the results of laboratory tests and how to place these data in context
 - Evaluate the full picture of data when interpreting and drawing conclusions
 - Better assess the clinical progress and safety of the trial drug
 - Understand the basics of conducting pathology tests, including haematology, clinical chemistry, urinalysis and histopathology
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The Trainer

Ian Dews

Ian is a qualified medic with more than 25 years of experience of drug development as both an investigator and a pharmaceutical physician. He is a director of a small consultancy company providing drug development and regulatory support to the pharmaceutical and medical device industries. Ian's previous role was as European Director of Drug Development for a global, full service CRO where he was responsible for working with clients to develop compounds from the discovery stage through to the conclusion of clinical research.

Prior to this, Ian was the European Medical Director of a global, full service CRO. In this role he was involved in the writing of Clinical Development Plans and Expert Reports and was responsible for the supervision of global drug development programmes.

He has acted as an investigator in more than 50 hospital clinical trials in the fields of heart failure, angina, hypertension, arrhythmia and clinical pharmacology. He is a key Rostrum trainer, and has been delivering successful courses since its inception in 1987. Ian is a Fellow of the Faculty of Pharmaceutical Medicine and acts as a Senior Specialist Adviser within the Higher Medical Training programme of the Faculty.

Course Fee: £599 +vat

If you book on the course more than 9 weeks in advance, a 10% discount will be applied.

Location: The Regency Hotel, 100 Queens Gate, South Kensington, London, SW7 5AG

For more information about this or any of our other courses or services, please call us on +44 (0)118 975 4512 or visit our website www.rostrumtrainingsolutions.com

Programme

Understanding Clinical Laboratory Data

Introduction & Objectives

Overview of Laboratory Assays

Sample Types and Collection Methods

Storage and Transport Considerations

Laboratory Processing of Samples

Interpretation of Results

Case Study

Haematology

K⁺ & Na⁺ Homeostasis

Liver Function

Case Study 2

Renal Function

Diabetes

Myocardial Infarction