Pharmacoepidemiology

To book online go to: **management-forum.co.uk/1057** W

Dates and venue

7 December 2017 **Ref: 9995**
22 June 2018 **Ref: 10203**

The Rembrandt Hotel
11 Thurloe Place
London SW7 2RS
Tel: +44 (0)20 7589 8100

Programme schedule

Registration and refreshments: 09.00
Start of course: 09.30
Close of course: 17.00

Accommodation

We have arranged a preferential rate for accommodation at the venue. To take advantage of this please contact **reservations_rembrandt@sarova.co.uk** and state you are a Management Forum delegate. There are limited rooms available at this rate so please book early to avoid disappointment. For information on alternative accommodation please visit our website: **management-forum.co.uk/accommodation**

Three ways to book

management-forum.co.uk **+44 (0)20 7749 4730**
info@management-forum.co.uk

Fees and payment

EARLY BOOKING DISCOUNT	**Book BEFORE 23 October 2017**
£599.00 + VAT = £718.80 • €839.00 + VAT = €1006.80	
FULL PRICE	**Book AFTER 23 October 2017**
£699.00 + VAT = £838.80 • €979.00 + VAT = £1174.80	
Multiple booking discount for 2nd or subsequent delegates - 15%	
£594.15 + VAT = £712.90 €832.15 + VAT = €998.58	

Payment options

1. Invoice which can be paid by bank transfer or credit / debit card
2. Online through our secure website when registering

In-house training

This course is also available in-house and can be tailored to your specific needs. Our experts come to you, saving you time and money. For more information contact **Customer Services** on **+44 (0)20 7749 4730** or email: **inhouse@management-forum.co.uk**

The small print

FEE: The fee includes all meals and refreshments for the duration of the course and a complete set of course materials. If you have any particular requirements please advise customer services when booking.

HOW TO REGISTER AND PAY: A VAT invoice and booking confirmation will be sent within 7 days, please contact us if you have not heard anything after that time. Payment can be made by credit/debit card, by bank transfer (for bank account details please see payment details section on our website). VAT no GB 341232109. Any questions please contact Customer Services on +44 (0)20 7749 4730. **ALL PAYMENTS MUST BE RECEIVED IN ADVANCE OF THE EVENT.**

MULTIPLE BOOKING DISCOUNTS: This discount may not be used in conjunction with any other offer

CANCELLATIONS AND TRANSFER: Once we have received your booking the place(s) are confirmed.

Delegate	Up to 28 days before course	27 to 14 days before course	13 to 0 days before course
Cancellation	10% admin fee	100% admin fee	100% admin fee
Transfers	Free	10% admin fee	100% admin fee
Substitution	Free	Free	Free

A maximum of one transfer is allowed. After the transfer no cancellation can be accepted and the full invoiced fee will be charged. Transfers are subject to payment of the difference on higher value courses. All cancellations must be received in written form.

For event cancellation policy and T&Cs see our website

Book Before
23 October 2017
and SAVE £100 / €140

MANAGEMENT forum

Pharmacoepidemiology

This one-day programme looks at the basic principles of Pharmacoepidemiology together with their practical application

7 December 2017 • 22 June 2018 London

Topics to be covered during this meeting:

- **Origins** of epidemiology and basic principles
- **Practical** applications of pharmacoepidemiology
- **Design** and usefulness of observational studies
- **Data** sources, data linkage
- **Bias** and confounding
- **Non-drug** safety P-epi and drug utilisation
- **Review** and overview/discussion including European and global studies

Expert faculty:

Dr John Parkinson, Consultant Expert in Pharmacoepidemiology

Lesley Wise, Director, Wise Pharmacovigilance & Risk Management Ltd

Includes: Practical and interactive exercises

CPD CERTIFIED
The CPD Certification Service

Pharmacoepidemiology

7 December 2017 • 22 June 2018, London

Introduction

This course will provide you with an understanding of the basic principles of pharmacoepidemiology together with their practical application. It will also include sources of data for the conduct of pharmacoepidemiology studies and a practical workshop.

Who should attend

The course is aimed at personnel in pharmacovigilance departments, drug information and regulatory affairs departments, drug safety officers and pharmaceutical physicians as well as pharmacovigilance personnel working at regulatory agencies.

Attendance limited

This limitation, a unique feature of all **Management Forum** seminars, will give participants the opportunity for a thorough discussion of the complex issues to be covered by the programme.

Expert faculty:

John Parkinson is a Data and Pharmacoepidemiology Consultant having recently retired as the Director of the Clinical Practice Research Datalink (CPRD) at the MHRA. CPRD is the English NHS data and interventional research service. CPRD developed out of the GPRD and the NIHR Research Capability Programme. The CPRD provides data and research services around drug safety/outcomes and risk-benefit.

John joined the Medicines & Healthcare Products Regulatory Agency (MHRA) in September 2005 to run the GPRD (General Practice Research Database). John gained his PhD in Medical Biochemistry in 1972 and joined the pharmaceutical industry that year. From 1972 to 1996 he has worked in the industry or as a consultant and from 1989 in conjunction with the University of Dundee. In 1996 he moved from working on Medical Education Projects to work at MEMO, a pharmacoepidemiology research group at the University.

Lesley Wise is an established pharmacovigilance professional with more than 15 years of experience in pharmacovigilance both in medicines regulation as head of the Risk Management and Pharmacoepidemiology group at the MHRA, and in the pharmaceutical industry as vice-president and global head of Risk Management Centre of Excellence and Pharmacoepidemiology. She is honorary lecturer in Pharmacoepidemiology at the London School of Hygiene and Tropical Medicine, and an associate editor of Therapeutic Advances in Drug Safety.

A certificate of attendance for professional development will be available to each participant who completes the course

Programme

- **Introduction and objectives**
- **Introduction to pharmacoepidemiology and basic principles**
  - The origins of pharmacoepidemiolgy
  - Reasons to perform pharmacoepidemiology
  - Where pharmacoepidemiology fits in
  - What data is required
  - Future developments
- **Study designs and uses of observational studies in pharmacovigilance**
  - Epidemiology during drug development
  - What designs are best for which question
    - Cross sectional studies
    - Cohort studies
    - Case control studies
  - Obtaining Data for Studies
- **Important factors**
  - Sample Size
  - Drugs in Pregnancy
  - Data Mining
  - N or 1
  - Outliers
  - Missing Data
  - Populations
  - Meta Analysis
  - Confidence Interval
  - Absolute, relative risk, excess risk
  - Multi country studies
- **Data sources and data linkage**
  - UK, Europe, USA and the rest of the world
  - One study or separate studies
- **Bias and confounding**
  - Designing a robust study
    - Validity – are the results internally and externally coherent
    - Confounding – what else might have caused the result?
    - Bias – have we made a systematic error?
- **Extending the role of pharmacoepidemiology**
  - Drug utilisation
  - Improving prescribing
  - Outcomes
  - Pharmaco-economics
  - Journey of care
  - Disease knowledge
  - Patient reported outcomes
  - Real world v perfect world
- **Case study - workshop session**

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