

Organised by
**BRITISH JOURNAL OF
HOSPITAL
MEDICINE**

Current Trends in Metabolic Bone Disorders

Institute of Physics, London, W1

5th & 6th November 2009

12 CPD points applied for



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Objectives

Current Trends in Metabolic Bone Disorders brings together leading experts in the fields of rheumatology, orthopaedics, endocrinology and geriatric medicine to discuss the central issues and current challenges facing the management and treatment of patients with metabolic bone disorders.

It is anticipated that participants will benefit from:

- Comprehensive reviews of the pathophysiology, risk factors and genetic links to metabolic bone disorders
- An understanding of different approaches for diagnosis of metabolic bone disorders
- Insights into effective management and treatment of osteoporosis, Paget's disease, cancer-related bone disease and malignant hypercalcaemia
- Examination of how to set up primary care services and how to achieve effective multidisciplinary approaches for improving patient care
- Evaluations of current and new treatment options including bisphosphonates, vitamin D and stem cell therapies
- An opportunity to share and exchange ideas with leading practitioners in the field

Who should attend?

Current Trends in Metabolic Bone Disorders will be of particular interest to the following:

- Specialists in orthopaedics
- Specialists in rheumatology
- Specialists in endocrinology
- Specialists in musculoskeletal medicine
- Specialists in geriatric medicine
- Radiologists
- General practitioners
- Physiotherapists
- Clinical nurse specialists and nurse practitioners
- All trainees in these disciplines

Metabolic Bone

Thursday 5th November 2009

08.00-08.55	Registration and refreshments
08.55-09.00	Welcome and introduction
09.00-09.40	Current understanding of the pathophysiology of metabolic bone disorders Professor Juliet Compston Professor of Bone Medicine and Honorary Consultant Physician, University of Cambridge
09.40-10.10	Lifestyle factors and how to promote healthy bones Dr Katherine Brooke-Wavell Lecturer, Centre for Human Development and Ageing, Loughborough University
10.10-10.40	Genetic influences on bone health Professor Stuart Ralston Head of the School of Molecular and Clinical Medicine & ARC Professor of Rheumatology, Western General Hospital, Edinburgh
10.40-10.50	Discussion
10.50-11.20	Refreshments and exhibition viewing
11.20-11.50	Prevention of fractures in patients with bone disorders Dr Nick Harvey Lecturer and Honorary Consultant Rheumatologist, University of Southampton
11.50-12.20	Advances in diagnostic techniques and screening methods Professor Judith Adams Consultant Radiologist, Central Manchester University Hospitals NHS Foundation Trust
12.20-12.50	Value of metabolic bone disease biomarkers Dr Caje Moniz Clinical Director, Department of Clinical Biochemistry, King's College London
12.50-13.00	Discussion
13.00-13.50	Lunch and exhibition viewing
13.50-14.20	Effects of early development on bone health Dr Stuart Lanham Research Scientist, Bone and Joint Research Group, University of Southampton
14.20-14.50	Metabolic bone disorders in children Dr Christopher Kelsey Consultant Rheumatologist, Barking, Havering and Redbridge University Hospitals NHS Trust
14.50-15.00	Discussion
15.00-15.20	Refreshments and exhibition viewing
15.20-15.50	Diabetes and bone disorders Dr Steve Orme Consultant in Diabetes and Endocrinology, Leeds Teaching Hospitals NHS Trust
15.50-16.20	Examining the links between metabolic bone disorders and renal disease Dr David Hosking Consultant Physician, Nottingham City Hospital
16.20-16.50	Effective multidisciplinary approaches for improving patient outcomes Dr Mathias Toth Consultant Physician in General and Geriatric Medicine, Dartford and Gravesham NHS Trust
16.50-17.00	Discussion
17.00	Close of day one

3 EASY WAYS TO BOOK



Complete and return the registration form overleaf



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the Disorders

Friday 6th November 2009

08.30-09.00 Registration and refreshments

09.00-09.30 **Effective multidisciplinary approaches for improving patient outcomes**

Dr Mathias Toth

Consultant Physician in General and Geriatric Medicine, Dartford and Gravesham NHS Trust

09.30-10.00 **Prevention and management of steroid-induced bone disorders**

Professor Jon Tobias

Professor of Rheumatology, University of Bristol & President Elect of the Bone Research Society

10.00-10.30 **Cancer-related bone disorders**

Professor Rob Coleman

Professor of Medical Oncology, Weston Park Hospital, Sheffield

10.30-10.40 **Discussion**

10.40-11.00 **Refreshments and exhibition viewing**

11.00-11.30 **Long-term complications of Paget's disease: prevention and management**

Dr Richard Keen

Consultant Rheumatologist, University College London Hospitals

11.30-12.00 **Management of malignant hypercalcaemia**

Professor William Fraser

Professor of Clinical Chemistry & Head of the Unit of Clinical Chemistry, University of Liverpool

12.00-12.30 **First and second line pharmacotherapies for post-menopausal osteoporosis**

Dr Michael Stone

Consultant Physician and Director of Bone Research, Cardiff University Academic Centre & Llandough Hospital, Cardiff

12.30-13.00 **Bisphosphonates: mechanisms of action and implications for treatment**

Dr Fraser Coxon

Research Fellow, Bone and Musculoskeletal Programme, University of Aberdeen

13.00-13.10 **Discussion**

13.10-14.00 **Lunch and exhibition viewing**

14.00-14.30 **Non-pharmacological interventions for osteoporosis**

Professor Roger Francis

William Leech Professor of Geriatric Medicine & Honorary Consultant Physician, Freeman Hospital, Newcastle-Upon-Tyne

14.30-15.00 **The promise of vitamin D and its analogues**

Dr Frazer Anderson

Senior Lecturer in Geriatric Medicine, University of Southampton

15.00-15.10 **Discussion**

15.10-15.30 **Refreshments**

15.30-16.10 **A Sun Vit-D3 Sponsored Symposium:**

Treatment of vitamin D deficiency to current recommended 25-Hydroxyvitamin D concentrations

Dr Hans Chr. Hoec

Specialist in Internal Medicine, Endocrinology & Diabetes, Center for Clinical and Basic Research, Aalborg, Denmark



16.10-16.40 **Updates on clinical trials of fracture treatments and how to translate them into clinical practice**

Professor David Marsh

Professor of Clinical Orthopaedics, University College London & R&D Director, Royal National Orthopaedic Hospital, Stanmore

16.40-17.10 **Potential of stem cell therapies**

Dr Wael Kafienah

Lecturer in Stem Cell Biology, University of Bristol

17.10-17.20 **Discussion, evaluations and close of conference**



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