MELANBY CENTRE TRAINING COURSE: DIAGNOSTIC TESTS FOR OSTEOPOROSIS
THE EDGE, SHEFFIELD, UK

In association with the European Calcified Tissue Society
www.ectsoc.org

www.mellanbycentre.org/seminars

MONDAY 6 JULY 2015
» Clinical Use of Bone Turnover Markers

TUESDAY 7 JULY 2015
» Identification of Vertebral Fracture

CPD Approval in process

ENDORSED BY:

The Society for Endocrinology
The Bone Research Society
The National Osteoporosis Society
The Association of Clinical Biochemistry & Laboratory Medicine
BSR
Monday 6 July 2015: Clinical Use of Bone Turnover Markers (BTM)

Course overview: Bone Turnover Markers (BTM) have long been used as diagnostic tests for metabolic bone diseases. In the past 20 years, markers that are more specific to bone have been introduced and have been found to be useful in osteoporosis, particularly for monitoring treatment. This course aims to provide a background to the clinical use of bone turnover markers.

Target audience: This day-long course is open to clinicians (e.g. endocrinology, rheumatology, care of the elderly and clinical chemistry), laboratory scientists and nurses involved in the clinical management of patients at risk of osteoporotic fractures.

Objectives: At the end of the course, participants should:
- understand the process of bone remodelling and how this can be studied using BTM.
- appreciate the methods used for measuring BTM and their sources of variability.
- be able to identify the role of BTM in the diagnosis and monitoring of bone diseases in a number of clinical settings including: osteoporosis, chronic kidney disease, Paget’s disease, osteomalacia, GiOP and PHPT.
- be familiar with best practice in the clinical use of BTM.

CPD: Applications for CPD have been submitted - please refer to the website for updates.

TOPICS & SPEAKERS

Bone turnover markers: An introduction
Richard Eastell (Sheffield, UK)

Bone remodelling and the interpretation of BTM results
Graham Russell (Oxford, UK)

Practical aspects of measurement and selection of marker
Kim Naylor (Sheffield, UK)

Sources of variability in BTM
Jennifer Walsh (Sheffield, UK)

Use of BTM in osteoporosis: Shared care protocols in primary care
Nicola Peel (Sheffield, UK)

INTERACTIVE WORKSHOPS

GROUP A: Protocols and case examples for the use of BTM in osteoporosis practice
Nicola Peel, Sarah Burnand and Helen Ecob (Sheffield, UK)

GROUP B: Submitted case discussion
Jennifer Walsh and Eugene McCloskey (Sheffield, UK)

GROUP C: Using BTM for osteoporosis treatment: Research application
Richard Eastell (Sheffield, UK) and Graham Russell (Oxford, UK)

Tuesday 7 July 2015: Identification of Vertebral Fractures

Course overview: Up to one in five older people will have a vertebral fracture, but most are unaware of this. Such fractures can be diagnosed by spinal radiographs but more recently, the bone densitometer has been used for this purpose: vertebral fracture assessment. The use of this technique is increasing worldwide; this course aims to give a basic training on the identification of vertebral fractures.

Target audience: This day-long course is open to clinicians, scan technicians and nurses involved in developing and delivering fracture risk assessment services.

Objectives: At the end of the course, participants should:
- understand the importance of vertebral fracture identification.
- understand the principles of good quality image acquisition.
- be aware of the different methods used to identify vertebral fracture.
- recognise non-fracture vertebral deformities.
- recognise the clinical features of vertebral fracture.

CPD: Applications for CPD have been submitted - please refer to the website for updates.

TOPICS & SPEAKERS

Vertebral fracture: An introduction
Richard Eastell (Sheffield, UK)

Vertebral fracture: Clinical importance
Eugene McCloskey (Sheffield, UK)

Vertebral Fracture Assessment
Margaret Paggiosi (Sheffield, UK)

The normal spine and non-fracture deformities
Adrian Highland (Sheffield, UK)

Vertebral fracture mechanism and identification
Jennifer Walsh (Sheffield UK)

INTERACTIVE WORKSHOPS

GROUP A: QUIZ - Sarah Gowlett (Sheffield, UK)

GROUP B: QUIZ - Adrian Highland (Sheffield, UK)

GROUP C: QUIZ - Judith Adams (Manchester, UK)

Other modalities to identifying vertebral fracture
Judith Adams (Manchester, UK)

CHAIR: Richard Eastell (Sheffield, UK)
ONLINE REGISTRATION: open January 2015

Register online under ‘Events’ at www.mellanbycentre.org/seminars

COURSE FEES

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<th>Before 1 May 2015</th>
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<tbody>
<tr>
<td></td>
<td>Clinician</td>
<td>AHP*</td>
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<tr>
<td>Single Day</td>
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<tr>
<td>Two Days</td>
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*Reduced fee for allied health professionals. A confirmation letter from the Head of Department will be needed to confirm eligibility.

Course fee includes: Attendance at all sessions; Lunch and refreshments; Handbook of speaker slides.

CONTACT: ECTS, Email: exec@ectsoc.org. Telephone: 01454 610255

ACCOMMODATION

Bed and breakfast accommodation will be available on campus at the Endcliffe Village (single ensuite: £37 per night).

VENUE

The Edge
University of Sheffield
The Endcliffe Village
26 Endcliffe Crescent
Sheffield S10 3ED