

Musculoskeletal Cross-Sectional Imaging

September 4–5, 2009

Krakow, Poland

Course information

This course is focused and articulated on recent advances in musculoskeletal cross-sectional imaging. Internationally renowned European experts ensure a high quality teaching programme combining lectures and interactive case discussions.

Learning objectives

- to refresh knowledge of cross sectional anatomy and diseases of the musculoskeletal system
- to get familiar with the most up-to-date imaging techniques of the bones, joints and soft tissues
- to learn more about most important findings and diagnostic algorithm in degenerative, inflammatory and neoplastic diseases of the musculoskeletal system

City information

Krakow is one of the oldest cities in Poland, with evidence showing settlements there since 20,000 BC. Throughout its entire history Krakow has attracted extraordinary people. From architects and artists to scholars and honest merchants, who left behind them an exceptional legacy of historical relics and cultural and material achievements on a par with anything in the world. The renaissance Royal Castle at Wawel, the gothic St Mary's Basilica, the historical trade pavilions of the Cloth Hall, the former separate Jewish city of Kazimierz, and even the Nowa Huta district, absorbed by Krakow with its socialist-realist, industrial architecture, are all places that make a visit to Krakow extremely worthwhile.

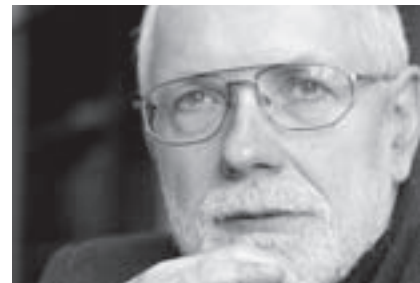


Friday, September 4, 2009

- 09:00 – 09:30 **Degenerative disease of knee and hip: evaluation with MRI**
E. Kavanagh, Dublin/IE
- 09:30 – 10:00 **How to image bone tumours**
V. Zampa, Pisa/IT
- 10:00 – 10:30 **Imaging of soft tissue lesions: How should I start and when should I stop?**
F.M. Vanhoenacker, Leuven/BE
- 10:30 – 10:50 **Coffee break**
- 10:50 – 13:00 **Workshops** (in small groups, 3 times 40 minutes)
- 13:00 – 14:00 **Lunch break**
- 14:00 – 14:30 **Applications of MSK Ultrasonography**
M. Court-Payen, Copenhagen/DK
- 14:30 – 15:00 **MR arthrography of the shoulder: Radiological-pathological correlation**
N. Saupe, Zurich/CH
- 09:50 – 10:20 **Coffee break**
- 15:00 – 15:30 **Imaging of bone marrow**
M. Ahmad, London/UK
- 15:30 – 15:50 **Coffee break**
- 15:50 – 18:00 **Workshops** (in small groups, 3 times 40 minutes)

Saturday, September 5, 2009

- 08:30 – 09:00 **Imaging of rheumatological disorders: what's new**
F. Kainberger, Vienna/AT
- 09:00 – 09:30 **Hip impingement syndromes: normal vs. abnormal**
A. Kassarian, Madrid/ES
- 09:30 – 10:00 **Image guided MSK pain relief**
D.A. Connell, London/UK
- 10:00 – 10:20 **Coffee break**
- 10:20 – 12:30 **Workshops** (in small groups, 3 times 40 minutes)
- 12:30 – 13:00 **Self-assessment test and Certificate of Attendance**



Local Organiser

Andrzej Urbanik, Krakow/PL

Venue

Centrum Dydaktyczno-Kongresowe
Medical Faculty Training Center
Aula "A"
ul. w. Lazarza 16
Krakow, Poland

Course duration

Friday (16:00) –
Saturday (13:00)

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Learning objectives

Degenerative disease of knee and hip: evaluation with MRI

- to summarise radiological key-findings observed in degenerative articular disorders and to emphasise technical parameters that are important for their demonstration
- to present common MRI features
- to discuss unusual patterns of degenerative joint disorders and review differential diagnosis

How to image bone tumours

- to recognise the potential for MRI in the detection of bone tumours
- to appreciate the strengths and weaknesses of MRI in characterising bone tumours
- to learn the basic principal of staging bone tumours with MRI

MR arthrography of the shoulder: radiological-pathological correlation

- to obtain insight in the shoulder joint MRI anatomy in different dimensions using intra-articular contrast
- to obtain insight in the correlating anatomy to a certain level using shoulder arthroscopy
- to demonstrate pathological conditions regarding cuff injuries and instability in both MR arthrography and arthroscopy

Applications of MSK Ultrasonography

- to provide an overview of the applications of musculoskeletal ultrasound, including diagnostic and interventional uses
- to emphasise the role of ultrasound in these applications and to correlate ultrasound results with clinical, radiographic and MRI findings
- to describe recent advancements in the ultrasound technology that contributed to further delineation of the nature and extent of musculoskeletal pathology

Imaging of soft tissue lesions:

How should I start and when should I stop?

- to discuss the indications and merit of each imaging modality in the detection, staging and characterisation of soft tissue tumours
- to summarise the imaging strategy and sequence protocols
- to discuss the differential diagnosis

Imaging of bone marrow

- to discuss appearances of normal marrow and variations
- to understand benign and malignant proliferative marrow disorders
- to learn about osteoporosis and bone marrow oedema

Imaging of rheumatological disorders

- to learn the benefits of high-field-strength MRI
- to understand the value and place of MDCT
- to learn how to integrate the use of functional and morphological ultrasound imaging

Hip impingement syndromes: normal vs. abnormal

- to discuss radiographic and MRI diagnosis of hip pain
- to learn about normal anatomy and common intra-articular pathology of the hip
- to understand imaging characteristics of cam and pincer femoroacetabular impingement

Image guided MSK pain relief

- to understand clinical indications for pain relief methods
- to become familiar with various percutaneous pain relief methods
- to learn about the results and complications of those methods