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LEVEL II+III

ASKLEPIOS

Course

MUSCULOSKELETAL RADIOLOGY

September 13-14, 2019
Madrid/Spain

ESORF EUROPEAN SCHOOL
OF RADIOLOGY

ESRF EUROPEAN SOCIETY
OF RADIOLOGY

EDUCATION IN PARTNERSHIP

LEVEL II+III

ASKLEPIOS Course

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Course information

The course is aimed at senior residents, board-certified radiologists and fellows and is designed to advance the knowledge of an array of indications for musculoskeletal multimodality imaging. Didactic lectures combined with interactive case-based discussion will highlight common pathologies and imaging pitfalls in the diagnosis of joint, bone, limb nerve and soft tissue disorders. International renowned European experts will ensure a high-quality teaching programme.

Learning objectives

- to learn about the state-of-the-art imaging of selected MSK disorders
- to learn the basics of various common and uncommon diseases, with emphasis on the best imaging method for individual clinical scenarios
- to appreciate the clinical impact of multimodality imaging to multidisciplinary patient management



Programme

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Friday, September 13, 2019

08:00-08:45	Registration
08:45-09:00	Welcome and introduction
09:00-09:30	MRI of the postoperative knee A. Karantanas, Heraklion/GR
09:30-10:00	Ankle joint M.-A. Weber, Rostock/DE
10:00-10:30	Shoulder instability J. Fernandez Jara, Madrid/ES
10:30-10:50	Coffee break
10:50-13:00	Workshops (A. Karantanas, M.-A. Weber, J. Fernandez Jara)
13:00-14:00	Lunch break
14:00-14:30	Imaging of the wrist M. Maas, Amsterdam/NL
14:30-15:00	Shoulder - rotator cuff U. Aydingoz, Ankara/TR
15:00-15:30	Imaging of the upper limb nerves C. Martinoli, Genoa/IT
15:30-15:50	Coffee break
15:50-18:00	Workshops (M. Maas, U. Aydingoz, C. Martinoli)

Host organiser



A. Alcalá-Galiano
Madrid/ES

Venue

Hotel Vincci SoMa 4*
C/ Goya, 79
28001 Madrid
Spain

Registration fees

ESR members in training
Early fee EUR 220; Late fee EUR 270
ESR members
Early fee EUR 420; Late fee EUR 470
(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)

Saturday, September 14, 2019

09:00-09:30	Musculoskeletal variants and pitfalls F. Vanhoenacker, Antwerp/BE
09:30-10:00	Bone tumours and bone marrow K. Verstraete, Ghent/BE
10:00-10:30	Soft tissue tumours A. Navas, Leiden/NL
10:30-10:50	Coffee break
10:50-13:00	Workshops (F. Vanhoenacker, K. Verstraete, A. Navas)
13:00	Certificate of attendance

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Learning Objectives

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MRI of the postoperative knee

A. Karantanas, Heraklion/GR

- to describe the normal appearance of postoperative menisci and the findings of return menisci on MR imaging and MR arthrograms
- to recognise the common complications following ACL reconstructions and to know their clinical significance
- to become familiar with the MR imaging findings of successful and failed cartilage repair procedures

Ankle joint

M.-A. Weber, Rostock/DE

- to learn the MRI indications compared to other imaging modalities in patients with ankle pain
- to learn the MRI strategies and MR sequence protocols in patients with ankle pain
- to become familiar with osteochondral lesions of the talar dome and their grading
- to show the MRI anatomy and pitfalls of the tendons and ligaments around the ankle joint

Shoulder instability

J. Fernandez Jara, Madrid/ES

- to understand the biomechanics of dislocation and clinical scenarios of shoulder instability
- to describe the roles of different imaging modalities in the diagnosis of shoulder instability and how to do and show it
- to describe the diagnostic imaging test findings that the radiologists should look for and explain how the findings should be described in their reports

Imaging of the wrist

M. Maas, Amsterdam/NL

- to enhance structured reading of acute trauma in wrist radiography
- to illustrate features of frequently encountered overuse injury of the wrist
- to enlighten the beauty of complex joints
- to stress that clinical and radiological expertise combined is synergetic

Shoulder - rotator cuff

U. Aydingoz, Ankara/TR

- to identify rotator cuff structures on imaging
- to explain the tear patterns of rotator cuff tendons
- to list the differential diagnostic considerations for rotator cuff tendonosis and tears
- to describe the procedure of MR arthrography of the shoulder

Imaging of the upper limb nerves

C. Martinoli, Genoa/IT

- to familiarise course participants with the US and MR imaging appearance of nerves and the scanning techniques used to image them in the upper extremity
- to emphasise the US anatomy of upper limb nerves at the most common sites of entrapment
- to describe typical US and MR imaging findings of the most common pathologic conditions affecting them
- to outline the range of clinical conditions where imaging is appropriate for nerve assessment
- to highlight pros and cons and potential pitfalls of US and MR imaging in this field

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Musculoskeletal variants and pitfalls

F. Vanhoenacker, Antwerp/BE

- to become familiar with normal bony and soft tissue variants, simulating disease
- to be able to identify variations in developmental anatomy
- to discuss artifacts that may simulate disease
- to appreciate the range of pitfalls that may simulate pseudotumours

Bone tumours and bone marrow

K. Verstraete, Ghent/BE

- to understand and describe the typical radiographic and MRI features of bone marrow diseases and common bone tumours and tumour-like lesions, and to determine the matrix of a bone tumour
- to plan a CT or MR examination of a patient with a bone tumour or bone marrow disease, and to adapt it to the individual situation for diagnosis and staging
- to perform dynamic contrast-enhanced MRI and diffusion MRI for diagnosis, staging and follow-up of bone tumours and bone marrow diseases

Soft tissue tumours

A. Navas, Leiden/NL

- to understand the current radiological approach to soft tissue masses
- to propose an algorithmic diagnostic imaging approach for characterisation of soft tissue masses based on location, signal intensity, age, sex, morphology and multiplicity
- to understand patterns of spread for soft tissue masses of the extremities and retroperitoneum
- to analyse the strategy for the follow-up of soft tissue sarcomas (STS) after therapy

EDUCATION IN PARTNERSHIP

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Please note that programmes are marked with a logo to indicate their classification according to the European Training Curriculum.

LEVEL I

First three years of training

LEVEL II

Fourth and fifth year of training
(general radiologist standard)

LEVEL III

Subspecialty training standard