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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

ESOR stands for education in partnership.

This ASKLEPIOS Course is implemented with the support of our valued partner Affidea.

