LEVEL II

ESOR COURSES FOR EDiR 2019

NEURORADIOLOGY

November 6, 2019
Vienna/Austria
Course information

In 2019, ESOR is continuing to organise foundation courses to prepare/assist those entering examinations for the European Diploma in Radiology (EDiR). These courses may also be attended by board-certified radiologists, wishing to update their knowledge in a specific area. A series of courses is organised at the Hotel Das Triest in Vienna/Austria, in November 2019. The format will include nine courses, each one dealing with a specific organ/system-oriented theme.

The teaching concept will include 20-minute lectures, immediately followed by 40-minute case-based reviews on six topics. The teaching/learning objectives for each of the topics will be strictly adhered to the European Training Curriculum. A self-assessment test with multiple-choice questions for each lecture will round-off the exercise.

The ESOR Courses for EDiR are intended to help prospective candidates to prepare for the European Diploma in Radiology examination. Attendance does not guarantee acceptance to take the examination or success in the examination.

Learning objectives

• to become familiarised with the clinical and imaging presentations, clinical differential diagnosis of the most prevalent and important disorders of the central nervous system (CNS) diseases
• to understand the utility and accuracy of most recent diagnostic imaging techniques, with special emphasis on CT and MRI
• to become familiar with the most common imaging signs of these diseases and the most important differential diagnosis
• to recognise the critical clinical information provided by the imaging studies with direct implication for treatment decisions
• to appreciate the importance of the imaging information for CNS disorders follow-up
Programme

NEURORADIOLOGY

November 6, 2019
Vienna/Austria

Wednesday, November 6, 2019

08:15–08:45  Registration
08:45–09:00  Welcome and introduction
09:00–09:20  Acute haemorrhagic lesions imaging
              P. Vilela, Lisbon/PT
09:20–10:00  Interactive case discussion
              P. Vilela, Lisbon/PT
10:00–10:30  Coffee break
10:30–10:50  Neuroimaging of immunosuppressed patients
              A. Krainik, Grenoble/FR
10:50–11:30  Interactive case discussion
              A. Krainik, Grenoble/FR
11:30–11:50  Vascular malformations overview
              P. Vilela, Lisbon/PT
11:50–12:30  Interactive case discussion
              P. Vilela, Lisbon/PT
12:30–13:30  Lunch break
13:30–13:50  Common intracranial infections
              A. Krainik, Grenoble/FR
13:50–14:30  Interactive case discussion
              A. Krainik, Grenoble/FR
14:30–14:50  Intracranial extra-axial lesions: differential diagnosis
              P. Vilela, Lisbon/PT
14:50–15:30  Interactive case discussion
              P. Vilela, Lisbon/PT
15:30–16:00  Coffee break
16:00–16:20  MR spectroscopy, perfusion and diffusion in tumoural
diseases
              A. Krainik, Grenoble/FR
16:20–17:00  Interactive case discussion
              A. Krainik, Grenoble/FR
17:00–17:30  Self-Assessment Test

Venue
Hotel Das Triest
Wiedner Hauptstraße 12
1040 Vienna
Austria

Registration fee
ESR members in training
Early fee EUR 200; Late fee EUR 250
ESR members
Early fee EUR 300; Late fee EUR 350
(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
Registration fees are inclusive 10% VAT.
Learning Objectives

NEURORADIOLOGY

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Acute haemorrhagic lesions imaging
P. Vilela, Lisbon/PT
  • to become familiar with the most common disorders that can present with intracranial haemorrhage
  • to recognise the different imaging presentation of brain haemorrhage on CT and MRI
  • to establish the differential diagnosis of intracranial haemorrhage and establish the priority of the different imaging techniques, accordingly to clinical presentation, haemorrhage topography, patient demographics
  • to become familiar with the most important imaging prognostic signs and critical imaging findings

Common intracranial infections
A. Krainik, Grenoble/FR
  • to know the necessary clinical and biological data to be collected to improve images interpretation
  • to know the radiological semiology of brain pyogenic abscess and empyema, main viral, fungal, and parasitic meningoencephalitides
  • to know the up-to-date imaging protocol useful to better diagnose brain and meningeal infections

Neuroimaging of immunosuppressed patients
A. Krainik, Grenoble/FR
  • to understand the impact of immunosuppression on the occurrence of brain infection
  • to know the most common infections in immunosuppressed patients
  • to know the immune reconstitution inflammatory syndrome

Intracranial extra-axial lesions: differential diagnosis
P. Vilela, Lisbon/PT
  • to become familiar with the anatomy of the intracranial extra-axial anatomy
  • to recognise the most common imaging signs presentation of the different extra-axial lesions, with special emphasis for neoplasms
  • to establish the differential diagnosis of intracranial extra-axial based on clinical findings, patient demographics and imaging features
  • to become familiar with the most recent advanced imaging techniques that are important for the differential diagnosis of intracranial extra-axial lesions

Vascular malformations overview
P. Vilela, Lisbon/PT
  • to become familiar with the most recent classification of vascular malformations
  • to learn about the distinct clinical presentations, complications and prognosis of the most common vascular malformations
  • to recognise the most common imaging signs presentation of the different vascular malformations
  • to establish the differential diagnosis of vascular malformations based on clinical presentation and imaging features
  • to become familiar with the most important treatment strategies for vascular malformation, imaging prognostic signs and post-treatment follow-up findings

MR spectroscopy, perfusion and diffusion in tumoural diseases
A. Krainik, Grenoble/FR
  • to understand the principles of MR spectroscopy, perfusion and diffusion
  • to know which information is provided by these methods
  • to know the indications of these methods in current neurooncology
  • to know the advantages and the limitations of these methods
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