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LEVEL II+III

ASKLEPIOS

Course

EMERGENCY RADIOLOGY (TRAUMA)

September 19–20, 2019
Warsaw/Poland

ESOR EUROPEAN SCHOOL
OF RADIOLOGY

ESR EUROPEAN SOCIETY
OF RADIOLOGY

EDUCATION IN PARTNERSHIP

LEVEL II+III

ASKLEPIOS Course

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Course information

The course is designed for last year residents and recently board-certified radiologists. It will collate knowledge in imaging of traumatic emergencies from head to toe, aiming to enhance multidisciplinary patient management. Didactic lectures followed by interactive workshops embrace a multimodality approach to topics ranging from intracranial to spine, chest, abdominal, pelvic and paediatric emergencies. Renowned European experts will present the latest technical advances and imaging strategies to answer relevant clinical questions.

Learning objectives

- to understand the importance of body CT optimisation in trauma patient
- to be aware of the most important clinical questions that need to be answered in optimising management of polytrauma patients
- to update knowledge of imaging features of the most common/important traumatic emergencies
- to review the specificities of imaging in paediatric trauma



Programme

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Thursday, September 19, 2019

13:00–13:45	Registration
13:45–14:00	Welcome and introduction
14:00–14:30	How to optimise a body CT for trauma patients A. Palkó, Szeged/HU
14:30–15:00	Trauma brain injury A. Majos, Lodz/PL
15:00–15:30	Spine G. Bierry, Strasbourg/FR
15:30–15:50	Coffee break
15:50–18:00	Workshops (A. Palkó, A. Majos, G. Bierry)

Host organiser



A. Majos
Lodz/PL

Friday, September 20, 2019

09:00–09:30	Chest trauma H. Prosch, Vienna/AT
09:30–10:00	Abdominal: solid organs E. Szurowska, Gdansk/PL
10:00–10:30	Intestinal and mesenteric trauma I. Millet, Montpellier/FR
10:30–10:50	Coffee break
10:50–13:00	Workshops (H. Prosch, E. Szurowska, I. Millet)
13:00–14:00	Lunch break
14:00–14:30	Pelvic trauma M.C. De Jonge, Woerden/NL
14:30–15:00	Lower extremities J. Kramer, Linz/AT
15:00–15:30	Trauma in children: why different? M. Raissaki, Heraklion/GR
15:30–15:50	Coffee break
15:50–18:00	Workshops (M.C. De Jonge, J. Kramer, M. Raissaki)
18:00	Certificate of attendance

Venue

Mercure Warszawa Centrum
ul. Zlota 48/54
00-120 Warsaw
Poland

Registration fees

ESR members in training
Early fee EUR 200; Late fee EUR 250

ESR members
Early fee EUR 400; Late fee EUR 450

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)

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Learning Objectives

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How to optimise a body CT for trauma patients

A. Palkó, Szeged/HU

- to understand through the clinical implications the need for an accurate imaging diagnostic process supporting appropriate treatment planning in patients with blunt and penetrating body injuries
- to become familiar with the imaging diagnostic algorithm, the role of MDCT and the special requirements towards imaging technique to be complied with in these conditions
- to understand the various types, role and performance of MDCT imaging protocols in achieving the fastest but at the same time most reliable imaging information

Trauma brain injury

A. Majos, Lodz/PL

- to understand mechanisms of traumatic injuries
- to become familiar with the radiological spectrum of primary and secondary lesions
- to know a systematic approach for image interpretation in head trauma
- to be aware of the role of advanced imaging techniques in daily practice

Spine

G. Bierry, Strasbourg/FR

- to know the current indications for radiographs, CT and MRI
- to know spine regional anatomic and functional specificities
- to know the main mechanisms encountered in spine trauma
- to recognise the imaging footprint of each traumatic mechanism
- to be able to predict ligamentous and neural injury based on the encountered mechanism
- to be able to apply a structured analysis and report of an injured spine

Chest trauma

H. Prosch, Vienna/AT

- to learn about common appearances of blunt thoracic traumas
- to appreciate the CT manifestations of life-threatening injuries of the chest
- to become familiar with the systematic approach to CT scans in polytrauma patients

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Abdominal: solid organs

E. Szurowska, Gdansk/PL

- to demonstrate the imaging features of abdominal solid organ injuries
- to be familiar with the classifications of spleen, liver and pancreas injuries, as well as the main radiological features that predict failure of non-invasive management
- to learn what the surgeons want to know before deciding on treatment
- to note the increasing role of interventional radiology in solid organ trauma

Intestinal and mesenteric trauma

I. Millet, Montpellier/FR

- to be familiar with and to be able to identify high-risk bowel and mesenteric injuries
- to understand the CT appearances of bowel and mesenteric trauma
- to avoid pitfalls in the diagnosis of bowel and mesenteric injuries

Pelvic trauma

M.C. De Jonge, Woerden/NL

- to provide an overview of the relevant anatomy of the pelvic structures
- to learn relevant trauma mechanisms and biomechanical pathways of injury
- to obtain a comprehensive overview of the most common pelvic injuries
- to discuss the role of all imaging techniques available to the radiologist

Lower extremities

J. Kramer, Linz/AT

- to learn about and differentiate really emergent cases from semi-emergent ones
- to understand and recognise the urgency
- to appreciate clinical facts
- to become familiar with radiological findings

Trauma in children: why different?

M. Raissaki, Heraklion/GR

- to understand differences in paediatric trauma compared to adults
- to discuss contrast-enhanced ultrasonography (CEUS) in abdominal trauma
- to emphasise trauma CT protocols according to the ALARA principle
- to become familiar with not-to-miss types of injuries including red flags for child abuse

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 GE Healthcare.



GE Healthcare