



EUROPEAN SOCIETY
OF NEURORADIOLOGY



EUROPEAN SOCIETY
OF PEDIATRIC RADIOLOGY



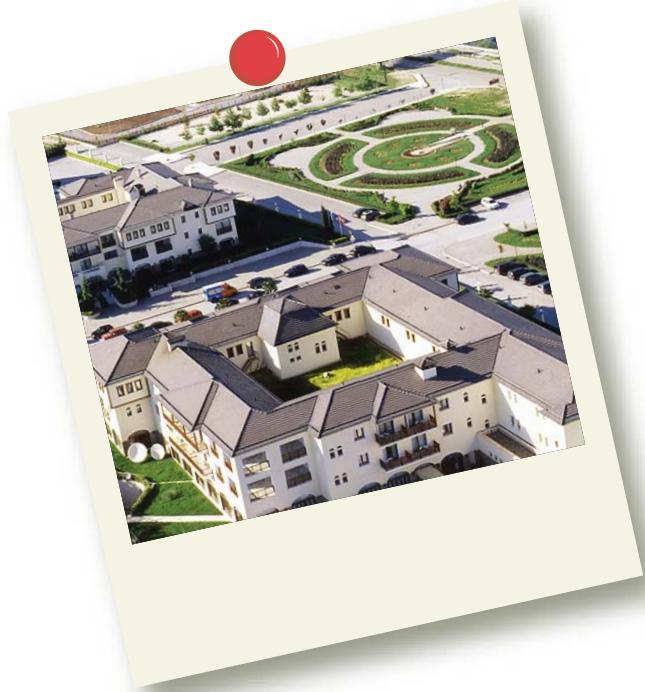
EUROPEAN
SOCIETY OF
MAGNETIC RESONANCE
IN NEUROPAEDIATRICS

Course Directors: Maria I. Argyropoulou (ESPR), Nadine Girard (ESMRN), Andrea Rossi (ESNR)



7th European Course on Pediatric Neuroradiology

Ioannina (Greece), January 22-27 2015



F o r i n f o r m a t i o n

www.ecpnr.org

email: ecpnrcourse@aimgroup.eu



Preliminary Scientific Program

Thursday, January 22, 2015

- h. 17.00-19.00 Inaugural Session - Abusive Head Trauma: fighting the 3rd Millennium Scourge
Typical and misleading clinical presentations
Recognizing and timing abusive head injuries
Bridging veins and autopsy
SBS/AHT: differential diagnosis

Friday, January 23, 2015

- 08:00 The pediatric neuroradiologist and the clinical problem: Headache

Session 1

- h. 08.45 Technique: more than Ssh/TSE
h. 09.15 Normal patterns
h. 09.45 Congenital
h. 10.15 In utero acquired pathology
h. 10.45 Coffee break

Session 2

- h. 11.15 How to perform neonatal US
h. 11.45 The premature
h. 12.15 Term neonate asphyxia
h. 12.45 Metabolic injury
h. 13.15 Lunch

Workshops

- h. 17.30 Keynote lecture: Myelination

Saturday, January 24, 2015

- 08:00 The pediatric neuroradiologist and the clinical problem: The acutely ill child

Session 3

- h. 08.45 Hydrocephalus
h. 09.15 Accidental head trauma
h. 09.45 Spinal trauma
h. 10.15 Acute neurotoxicities
h. 10.45 Coffee break

Session 4

- h. 11.15 CT and MR angiography: how I do it
h. 11.45 Pediatric stroke
h. 12.15 Vascular malformations: MRI and CT
h. 12.45 Vascular malformations: endovascular issues
h. 13.15 Lunch

Workshops

- h. 17.30 Hydrocephalus and Trauma
Vascular
Emergencies
Let's go advanced: how to perform DTI, PWI and MRS

Sunday, January 25, 2015

- 08:00 The pediatric neuroradiologist and the clinical problem: Epilepsy
Malformations
Embryology & commissures
Cortical malformations
Posterior fossa
Spinal dysraphisms
Coffee break
Genetic syndromes
The main phakomatoses
Metabolic diseases: pattern recognition
Metabolic diseases: major established entities
Metabolic diseases: cerebellar and spine involvement
Lunch
Malformations
Phakomatoses
Metabolic
Keynote lecture: DTI and brain malformations

Monday, January 26, 2015

- 08:00 The pediatric neuroradiologist and the clinical problem: Back pain
Infection/inflammation
Congenital and postnatal infections
"New" autoimmune encephalitides: anti-NMDAR and beyond
ADEM & demyelinating
Spine infection/inflammation
Coffee break
Tumors
Congenital
Supratentorial
Posterior fossa
Spine
Lunch
Infection
Tumors: brain
Tumors: spine
Keynote lecture: Structural and functional brain changes at the voxel level: an easy walkthrough

Tuesday, January 27, 2015

- h. 08.00 Keynote lecture: Multimodal metabolic imaging of pediatric brain tumors
The container
Craniosynostoses & skull pathology
Orbit: main indications
Pituitary: main indications
Congenital sensorineural hearing loss and labyrinthine dysplasia
Coffee break
Pituitary/skull
Orbit
Lunch
h. 12.30-13.30 Final examination