



EUROPEAN SOCIETY
OF NEURORADIOLOGY



EUROPEAN SOCIETY
OF PAEDIATRIC RADIOLOGY



EUROPEAN
SOCIETY OF
MAGNETIC RESONANCE
IN NEUROPEDIATRICS

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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

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reliminary 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

The fetus

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

The newborn

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

Fetal MRI

Imaging in the premature Full term newborn

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

Emergency

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

Vascular diseases

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

Hydrocephalus and Trauma

Vascular

Emergencies

h. 17.30 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

Session 5

h. 08.45 Embryology & commissures
h. 09.15 Cortical malformations
h. 09.45 Posterior fossa
h. 10.15 Spinal dysraphisms
h. 10.45 *Coffee break*

Session 8

h. 11.15 The main phakomatoses
h. 11.45 Metabolic diseases: pattern recognition
h. 12.15 Metabolic diseases: major established entities
h. 12.45 Metabolic diseases: cerebellar and spine involvement

h. 13.15

Workshops

Malformations

Phakomatoses

Metabolic

h. 17.30 Keynote lecture: DTI and brain malformations

Monday, January 26, 2015

08:00 The pediatric neuroradiologist and the clinical problem: Back pain

Session 7

h. 08.45 Congenital and postnatal infections
h. 09.15 "New" autoimmune encephalitides: anti-NMDAR and beyond
h. 09.45 ADEM & demyelinating
h. 10.15 Spine infection/inflammation
h. 10.45 *Coffee break*

Session 6

h. 11.15 Congenital
h. 11.45 Supratentorial
h. 12.15 Posterior fossa
h. 12.45 Spine
h. 13.15 *Lunch*

Workshops

Infection

Tumors: brain

Tumors: spine

h. 17.30 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

Session 9

h. 08.30 Craniosynostoses & skull pathology
h. 09.00 Orbit: main indications
h. 09.30 Pituitary: main indications
h. 10.00 Congenital sensorineural hearing loss and labyrinthine dysplasia
h. 10.30 *Coffee break*

Workshops

Pituitary/skull

Orbit

h. 12.30-13.30 *Lunch*

h. 13.30-15.30 Final examination