

ILAE Comprehensive Epilepsy Surgery Course Series

10th EPODES Advanced II

Paediatric Epilepsy Surgery, Palliative surgery & Neuromodulation

Brno, Czech Republic, 20 – 24 January 2020

**Advanced course in epilepsy surgery focused
on paediatric age, palliative surgery and neuromodulation**

Monday January 20th

Afternoon: **Introduction – indications, etiopathogenesis** - moderator Helen Cross

15:00 - 15:15 Introduction to the course

15:15 - 15:45 General principles of epilepsy surgery

15:45 - 16:15 What's different about children

16:15 - 16:45 *Coffee*

16:45 - 17:15 Broadening spectrum of surgically treatable epilepsies

17:15 - 18:15 Neuropathological and molecular-genetic
substrates of focal paediatric epilepsy

18:15 - 19:00 *Dinner*

Rektor / Ozkara / Cross / Rydenhag

Ozkara

Cross

Braun

Blümcke

Tuesday January 21st

Morning: **Diagnostic aspects I** - moderator Sandor Beniczky

08:00 - 08:30 Specific electro-clinical manifestations of focal epilepsy in children

08:30 - 09:45 Seizure semiology (paediatric seizure club)

09:45 - 10:30 Value and limitations of scalp EEG in children,
including source imaging techniques

10:30 - 11:00 *Coffee*

11:00 - 11:30 Intraoperative ECoG, subdural strips/grids

11:30 - 12:30 Stereo/EEG technique: Indications, advantages, limits, methodology

12:30 - 13:30 *Lunch*

Afternoon:

13:30 - 17:15 Group work and tutorials, see separate schedule

Cross

Cross / Kahane / Kršek / Ramantani

Beniczky

Ramantani

Kahane / Cardinale

Wednesday January 22nd

Morning:	Diagnostic aspects II, management of specific syndromes - moderator Pavel Kršek	
08:00 - 08:45	Magnetic resonance, including developmental aspects and image postprocessing	Marusič / Kynčl
08:45 - 09:15	Functional neuroimaging in children	Brázdil
09:15 - 10:00	Neuropsychological and psychiatric evaluation in children	Bulteau
10:00 - 10:30	<i>Coffee</i>	
10:30 - 11:00	Long-term epilepsy associated tumors (LEATs)	Rydenhag
11:00 - 11:30	Focal cortical dysplasia	Ramantani
11:30 - 12:00	Tuberous sclerosis	Kršek
12:00 - 12:30	Epilepsy surgery in epileptic encephalopathy	Cross
12:30 - 13:30	<i>Lunch</i>	
Afternoon:		
13:30 - 17:15	Group work and tutorials, see separate schedule	

Thursday January 23rd

Morning:	Specific syndromes II, complications, outcome - moderator Kees Braun	
08:00 - 08:45	Hemispheric epilepsy syndromes and hypothalamic hamartoma: Diagnostic aspects, indications for surgery	Bulteau
08:45 - 09:15	Hemispherotomy, hypothalamic hamartoma: Neurosurgical view	Rydenhag
09:15 - 09:45	Complications of epilepsy surgery	Rydenhag
09:45 - 10:15	Prevention of postoperative deficits, intraoperative monitoring	Kršek
10:15 - 10:45	<i>Coffee</i>	
10:45 - 11:30	Seizure outcome of epilepsy surgery, postsurgical management of AEDs	Braun
11:30 - 12:00	Cognitive and developmental outcomes of paediatric epilepsy surgery (both curative and palliative)	Bulteau
12:00 - 13:00	<i>Lunch</i>	
Afternoon:		
13:00 - 15:00	Brno city tour	
15:15 - 16:30	Group work and tutorials, see separate schedule	

Friday January 24th

Morning:	Palliative surgery and neuromodulation - moderator Ivan Rektor	
08:00 - 08:45	When to stop in paediatric epilepsy surgery?	Braun
08:45 - 09:15	Palliative epilepsy surgery: An overview	Ozkara
09:15 - 09:45	Vagus nerve stimulation (VNS)	Brázdil
09:45 - 10:15	Deep brain stimulation (DBS) and other neurostimulation techniques	Rektor
10:15 - 10:45	<i>Coffee</i>	
10:45 - 11:15	Callosotomy, VNS - neurosurgical view	Rydenhag
11:15 - 12:00	Future developments in epilepsy surgery including discussion of the team	Komárek / all tutors
12:30	<i>Conclusion of the course, lunch</i>	

Group work: all participants will be asked to bring at least one open case suitable for the topics covered in the course

Faculty: Sandor Beniczky, Ingmar Blümcke, Kees Braun, Milan Brázdil, Christine Bulteau, Francesco Cardinale, Helen Cross, Vladimír Komárek, Philippe Kahane, Pavel Kršek, Martin Kynčl, Petr Marusič, Cigdem Ozkara, Georgia Ramantani, Ivan Rektor, Bertil Rydenhag