

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

Beniczky

Cross

Kahane

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	Coffee	
10:30 - 11:00	Long-term epilepsy associated tumors (LEATs)	Rydenhag
11:00 - 11:30	Focal cortical dysplasia	Kršek
11:30 - 12:00	Tuberous sclerosis	Kršek
12:00 - 12:30	Epilepsy surgery in epileptic encephalopathy	Cross
12:30 - 13:30	Lunch	
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	Coffee	
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	Lunch	
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	Coffee	
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	Conclusion of the course, lunch	

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, Helen Cross, Vladimír Komárek, Philippe Kahane, Pavel Kršek, Martin Kynčl, Petr Marusič, Cigdem Ozkara, Ivan Rektor, Bertil Rydenhag