

# Comprehensive Epileptic Surgery Course 7<sup>th</sup> EPODES Advanced II

Brno, Czech Republic, 16-20 January 2017



## Advanced course in epilepsy surgery: pediatric aspects, palliative surgery and neuromodulation

### Monday January 16<sup>th</sup>

**Afternoon: *Introduction to pediatric epilepsy surgery - moderator Helen Cross***

15:00-15:30	Introduction to the course	Rektor / Cross / Rydenhag
15:30-16:00	What is special about pediatric epilepsy surgery?	Braun
16:00-16:30	Coffee	
16:30-17:15	Surgically treatable epilepsy syndromes – anatomy vs semiology	Cross
17:15-18:00	Specific electro-clinical manifestations of pediatric epilepsy	Komárek

### Tuesday January 17<sup>th</sup>

**Morning: *Epilepsy surgery - diagnostic aspects - moderator Vladimir Komarek***

08:00-08:45	Structural and functional imaging	Kynčl / Marusič
08:45-09:15	Diagnostic algorithms in MRI-negative epilepsy	Özkara
09:15-10:00	Hypothesis driven workup of non-lesional patients	Kahane
10:00-10:30	Coffee	
10:30-11:00	Video/EEG monitoring in children	Cross
11:00-11:30	Intracranial EEG studies and intraoperative monitoring; specific aspects in children	Kršek
11:30-12:00	Cognitive evaluation of children, why and how	Maulisová
12:00-12:30	Psychiatric evaluation of children, why and how	Bulteau
12:30-13:30	Lunch	

**Afternoon:**

13:30-17:15	Group work and tutorials, see separate schedule
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## Wednesday January 18<sup>th</sup>

### Morning: *Pediatric epilepsy surgery - moderator Pavel Kršek*

08:00-08:45	The role of surgery in epileptic encephalopathy	Cross
08:45-09:15	Specific surgical procedures in children	Rydenhag
09:15-10:15	Consequences of large resections in children: Possibilities and limitations of brain plasticity Surgical aspects	Kršek Rydenhag
10:15-10:45	Coffee	
10:45-11:15	Complications of epilepsy surgery and invasive evaluation in children. How to counsel.	Tichý
11:15-12:00	Special considerations in cortical dysplasia including classification	Cross
12:00-13:30	Lunch	

### Afternoon:

13:30-17:15	Group work and tutorials, see separate schedule
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## Thursday January 19<sup>th</sup>

### Morning: *Palliative surgery and neuromodulation when curative resective epilepsy surgery is not an option - moderator Milan Brázdil*

08:00-08:45	When to stop in pediatric epilepsy surgery?	Braun
08:45-09:45	Non-resective surgical procedures, when and for which patients? Indications. Callosotomy, hypothalamic hamartoma	Brázdil Rydenhag
09:45-10:15	Coffee	
10:15-10:45	Vagal Nerve Stimulation	Brázdil
10:45-11:30	Deep brain stimulation (DBS) and other neurostimulation techniques	Rektor
11:30-13:00	Lunch	

### Afternoon:

13:00-15:00	Brno city tour
15:15-16:30	Group work and tutorials, see separate schedule

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## Friday January 20<sup>th</sup>

### Morning: *Outcomes - moderator Ivan Rektor*

08:00-08:30	Seizure outcome of pediatric epilepsy surgery, postsurgical management of AEDs	<i>Braun</i>
08:30-09:00	Cognitive and developmental outcomes of pediatric epilepsy surgery, curative and palliative	<i>Bulteau</i>
09:00-09:45	Long-term outcomes after pediatric and palliative epilepsy surgery	<i>Cross</i>
09:45-10:15	<i>Coffee</i>	
10:15-11:00	Requirements to start and maintain an epilepsy surgery program	<i>Rektor</i>
11:00-12:00	Future of Epilepsy Surgery: Technical introduction by Bertil Rydenhag followed by panel discussion with the whole faculty	
12:00	<i>Adjourn and 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:

Cigdem Özkara, Ivan Rektor, Philippe Kahane, Milan Brázdil, Petr Marusič, Vladimír Komárek, Pavel Kršek, Bertil Rydenhag, Helen Cross, Christine Bulteau, Kees Braun, Alice Maulisová, Michal Tichý and Martin Kynčl