Brno, Czech Republic, 16-20 January 2017

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

**Monday January 16th**

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

15:00-15:30  Introduction to the course  
15:30-16:00  What is special about pediatric epilepsy surgery?  
16:00-16:30  Coffee

16:30-17:15  Surgically treatable epilepsy syndromes – anatomy vs semiology  
17:15-18:00  Specific electro-clinical manifestations of pediatric epilepsy

**Tuesday January 17th**

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

08:00-08:45  Structural and functional imaging  
08:45-09:15  Diagnostic algorithms in MRI-negative epilepsy  
09:15-10:00  Hypothesis driven workup of non-lesional patients  
10:00-10:30  Coffee

10:30-11:00  Video/EEG monitoring in children  
11:00-11:30  Intracranial EEG studies and intraoperative monitoring; specific aspects in children  
11:30-12:00  Cognitive evaluation of children, why and how  
12:00-12:30  Psychiatric evaluation of children, why and how  
12:30-13:30  Lunch

**Afternoon:**

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

Preliminary program for EPODES 2017
Wednesday January 18th

Morning: Pediatric epilepsy surgery - moderator Pavel Kršek

08:00-08:45 The role of surgery in epileptic encephalopathy
08:45-09:15 Specific surgical procedures in children
09:15-10:15 Consequences of large resections in children:

Possibilities and limitations of brain plasticity
Surgical aspects

10:15-10:45 Coffee

10:45-11:15 Complications of epilepsy surgery and invasive evaluation in children.

How to counsel.

11:15-12:00 Special considerations in cortical dysplasia including classification

12:00-13:30 Lunch

Afternoon:

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

Thursday January 19th

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?
08:45-09:45 Non-resective surgical procedures, when and for which patients?

Indications.

callosotomy, hypothalamic hamartoma

09:45-10:15 Coffee

10:15-10:45 Vagal Nerve Stimulation

10:45-11:30 Deep brain stimulation (DBS) and other neurostimulation techniques

11:30-13:00 Lunch

Afternoon:

13:00-15:00 Brno city tour

15:15-16:30 Group work and tutorials, see separate schedule

Preliminary program for EPODES 2017
Friday January 20th

Morning: **Outcomes - moderator Ivan Rektor**

08:00-08:30  Seizure outcome of pediatric epilepsy surgery, postsurgical management of AEDs  
Braun

08:30-09:00  Cognitive and developmental outcomes of pediatric epilepsy surgery, curative and palliative  
Bulteau

09:00-09:45  Long-term outcomes after pediatric and palliative epilepsy surgery  
Cross

09:45-10:15  Coffee

10:15-11:00 Requirements to start and maintain an epilepsy surgery program  
Rektor

11:00-12:00  Future of Epilepsy Surgery:  
Technical introduction by Bertil Rydenhag followed by panel discussion with the whole faculty

12:00  Adjourn and lunch

**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