

13th ILAE School on Pre-Surgical Evaluation for Epilepsy and Epilepsy Surgery (EPODES Advanced II)

Brno, Czech Republic

22th - 26th January 2024
Hotel International

Monday, January 22nd

Afternoon: Introduction - indications, etiopathogenesis

moderators: M. Brázdil, Ç. Özkara

15.00-15.15 Introduction to the course

I. Rektor, Ç. Özkara, B. Rydenhag

15.15-15.45 General principles of epilepsy surgery

Ç. Özkara

15.45-16.15 What's different about children

H. Cross

16.15-16.45 *Coffee break*

16.45-17.15 Broadening spectrum of surgically treatable epilepsies

D. Fabó

17.15-18.15 Neuropathological and molecular-genetic substrates of focal paediatric epilepsy

I. Blümcke

Tuesday, January 23st

Morning: Diagnostic aspects I

08.00-08.30 Specific electro-clinical manifestations of focal epilepsy in children

P. Kršek

08.30-09.45 Seizure semiology (pediatric seizure club)

H. Cross, P. Kahane, P. Kršek

09.45-10.30 Value and limitations of scalp EEG in children, including source imaging technique

S. Beniczky

10.30-11.00 *Coffee break*

11.00-11.30 Intraoperative ECoG, subdural strips/grids in children

H. Cross

11.30-12.30 Stereo/EEG technique: Indications, advantages, limits, methodology

P. Kahane

12.30-13.30 *Lunch*

Afternoon: Workshop

13.30-17.30 Group work and tutorials – see separate schedule

Wednesday, January 24th

Morning: **Diagnostic aspects II, management of specific syndromes**

- 08.00-08.45 MRI including developmental aspects *P. Marusič*
- 08.45-09.15 Functional neuroimaging in children *M. Brázdil*
- 09.15-09.45 Localisation of epileptogenic zone in MR negative epilepsy *C. Bulteau*
- 10.15-10.30 *Coffee break*
- 10.30-11.00 Long-term epilepsy associated tumors (LEATs) and vascular malformations in children *G. Ramantani*
- 11.00-11.30 Focal cortical dysplasia and other developmental pathologies *P. Kršek*
- 11.30-12.00 Epilepsy surgery in epileptic encephalopathy *H. Cross*
- 12.00-12.30 Intraoperative monitoring and prevention of postsurgical deficits in children *P. Kršek*
- 12.30-13.30 *Lunch*

Afternoon: **Workshop**

- 13.30-17.30 Group work and tutorials – see separate schedule

Thursday, January 25^h

Morning: **Epilepsy surgery**

- 08.15-08.45 SEEG and subdural grids implantation *A. Cukiert, B. Rydenhag*
- 08.45-09.15 Surgical techniques of cortical dysplasias, tuberous sclerosis and LEATS *A. Cukiert*
- 09.15-10.15 Hemispheric surgery and hypothalamic hamartoma *G. Ramantani, B. Rydenhag, A. Cukiert*
Neurological aspects (GR 30minute) and surgical techniques (BR 30minutes)
- 10.15- 10:45 *Coffee break*
- 10.45-11.15 Complications of epilepsy surgery and prevention of them *B. Rydenhag*
- 11.15-11:45 Seizure outcome of epilepsy surgery, postsurgical management of AED *A. Cukiert*
- 11.45-12.15 Cognitive and developmental outcomes of paediatric epilepsy surgery (both curative and palliative) *C. Bulteau*
- 12.15-13.00 When to stop in paediatric epilepsy surgery? *G. Ramantani*
- 13.00-14.00 *Lunch*

*Afternoon: **Workshop***

14.00-15.30 Group work and tutorials – see separate schedule

15.30-18.00 Brno City tour

Friday, January 26th

*Morning: **Palliative surgery and neuromodulation***

*Moderator: **Ivan Rektor***

08.00-08.30 Patient selection for neuromodulation

C. Cukiert

08.30-09.15 Deep brain stimulation (DBS) and other neurostimulation techniques

I. Rektor

09.15-09.45 Surgery of neurostimulation, DBS

A. Cukiert

09.45-10.15 Callosotomy and VNS surgical aspects, palliative procedures - neurosurgical view

B. Rydenhag, A. Cukiert, D. Fabó

10.15-10.45 *Coffee break*

10.45-11.15 Palliative epilepsy surgery: An overview

Ç. Özkara

11.15-11.45 Thermocoagulation following SEEG and LITT - minimally invasive procedure

C. Bulteau, B. Rydenhag

11.45-12.30 Future developments in epilepsy surgery including discussion of the team

All participants and tutors

12.30-13.30 *Lunch*

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

Faculty

Sándor Beniczky, Ingmar Blümcke, Milan Brázdil, Cristine Bulteau, Helen Cross, Arthur Cukiert, Cristine Cukiert, Daniel Fabó, Philippe Kahane, Pavel Kršek, Petr Marusič, Çiğdem Özkara, Georgia Ramantani, Ivan Rektor, Bertil Rydenhag