Comprehensive Epileptic Surgery Course
7th EPODES Advanced II

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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>Introduction to the course</td>
<td>Rektor / Cross / Rydenhag</td>
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<tr>
<td>15:30</td>
<td>What is special about pediatric epilepsy surgery?</td>
<td>Braun</td>
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<tr>
<td>16:00</td>
<td>Coffee</td>
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<tr>
<td>16:30</td>
<td>Surgically treatable epilepsy syndromes – anatomy vs semiology</td>
<td>Cross</td>
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<tr>
<td>17:15</td>
<td>Specific electro-clinical manifestations of pediatric epilepsy</td>
<td>Komárek</td>
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Tuesday January 17th

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>13:30</td>
<td>Group work and tutorials, see separate schedule</td>
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Wednesday January 18th

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

   - 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

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?
   - Braun

08:45-09:45 Non-resective surgical procedures, when and for which patients? Indications.
   - 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
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 Marušić, Vladimír Komárek, Pavel Kršek, Bertil Rydenhag, Helen Cross, Christine Bulteau, Kees Braun, Alice Maulisová, Michal Tichý and Martin Kynčl