European Advanced Epilepsy Surgery Course 22-26 January 2013

Advanced course: Optimizing outcomes of epilepsy surgery

Tuesday January 22

Morning
arrivals, lunch
Afternoon 14.00-17.30 **How to evaluate candidates for resective epilepsy surgery**
14.00-14.30 Introduction to the course
Özkara/Rektor/Malmgren
14.30-15.00 Pharmacoresistant epilepsy – who are candidates for presurgical evaluation and who are not?
Özkara
15.15-16.00 TLE and TLE+ - spectrum and investigational approaches
Kahane
16.00-16.30 Coffee
16.30-17.00 Cognitive evaluation, why and how
Baxendale
17.00-17.30 Psychiatric evaluation, why and how
Malmgren

Wednesday January 23

Morning 8.00-12.00 **How to evaluate candidates for resective epilepsy surgery contd**
8.00-8.45 Frontal lobe epilepsies – spectrum and investigational approaches
Rektor
9.00-9.45 Posterior epilepsies - spectrum and investigational approaches
Kahane
9.45-10.15 Coffee
10.15-11.00 Structural imaging – basic and developments
Marusic
11.15-12.00 Functional imaging - basic and developments
Brázdil/Stefan
12.00-13.30 Lunch
Afternoon 13.30-17.00 **Group work and tutorials, topic oriented and video-EEG**
### Thursday January 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>Morning</td>
<td>Invasive investigations, surgical treatment and risks</td>
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<tr>
<td>8.00-12.00</td>
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| 8.00-8.30 | Techniques for invasive seizure monitoring  
**Rektor**                                              |
| 8.30-9.15 | Surgical complications – risks with different diagnostic and therapeutic procedures  
**Rydenhag**                          |
| 9.30-10.00 | Cortical stimulation  
**Kuba**                        |
| 10.00-10.30 | Coffee                                                                 |
| 10.30-11.10 | Possible expected deficits from surgery in relation to eloquent areas: 
– what is acceptable and how to counsel  
**Kälviäinen**                           |
| 11.25-12.00 | When to stop  
**Brázdil**                                      |
| 12.00-13.30 | Lunch                                                                  |
| Afternoon | Group work and tutorials (including surgical)                          |

### Friday January 25

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>Morning</td>
<td>Patient related outcomes</td>
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<tr>
<td>8.00-12.00</td>
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| 8.00-8.45 | Seizure and AED outcomes short-and longterm  
**Malmgren**                                 |
| 9.00-9.30 | Malformations of cortical development – importance of pathological diagnosis for outcome prognosis  
**Krsek**                                    |
| 9.30-10.00 | Other patient related outcome measures – psychosocial, vocational, HRQOL, patient satisfaction, rehabilitation  
**Komarek**                                 |
| 10.00-10.30 | Coffee                                                                 |
| 10.30-11.00 | Cognitive outcomes  
**Baxendale**                                 |
| 11.15-12.00 | Failures, what is the risk of being worse off than before?  
**Rektor**                                      |
| 12.00-13.30 | Lunch                                                                  |
| Afternoon | Group work and tutorials, topic oriented and video-EEG followed by Brno city tour |


Saturday January 26

**Organisation of epilepsy surgery**

8.00 - 8.45  What to do when resective surgery is not an option  
*Kuba*

9.00 - 9.45  Minimal needs and multiprofessional team work  
*Kälviäinen*

9.45 - 10.15  Coffee

11.15 - 12.00  Optimizing resource utilization, improving referrals and organizing follow-up programs  
*Kälviäinen/Malmgren*

12.00 - 13.30  Lunch

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

Tutorials will both be theme oriented and specific, e.g. EEG/MEG, imaging, pathology, surgical, semiology

Faculty:  
Cigdem Özkara, Ivan Rektor, Philippe Kahane, Robert Kuba, Milan Brázdil, Petr Marusič, Vladimir Komarek, Pavel Krsek, Hermann Stefan, Bertil Rydenhag, Reetta Kälviäinen, Kristina Malmgren, Sallie Baxendale