INNOVATIONS AND SAFETY IN EPILEPSY SURGERY

31.08.2018 - 01.09.2018

Austria Trend Hotel Savoyen

Rennweg 16, 1030, Vienna, Austria
Organizing Committee

Christian Dorfer
Medical University of Vienna, Department of Neurosurgery

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website
http://www.estm2018.at/

Registration
there are no fees for registration
Please contact: christian.dorfer@meduniwien.ac.at

Venue ESTM 2018
Austria Trend Hotel Savoyen ****S
Rennweg 16, 1030, Vienna, Austria
43 (1) 206 33-9101
https://www.austria-trend.at/de/hotels/savoyen
# PROGRAM

## Friday 31.08.2018

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration at the Hotel Savoyen</td>
<td>08.00 – 09.20</td>
</tr>
<tr>
<td>Opening of the Meeting</td>
<td>09.20 – 09.30</td>
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<tr>
<td><strong>INVASIVE MONITORING</strong></td>
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<tr>
<td>Jeffrey Blount: Robotic SEEG in children</td>
<td>09.30 – 09.50</td>
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<td>Brent O’Neill: Complications and lessons learned in establishing a pediatric SEEG practice</td>
<td>09.50 – 10.10</td>
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<td>Mark Dexter: SEEG after failed subdural evaluation</td>
<td>10.10 – 10.30</td>
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<tr>
<td>George Jallo: SEEG in Children: facts x fiction</td>
<td>10.30 – 10.50</td>
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<tr>
<td>General discussion</td>
<td>10.50 – 11.00</td>
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<tr>
<td><strong>Coffee Break</strong></td>
<td></td>
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<tr>
<td>Jorge Gonzalez Martinez: Extra and Intramural operative SEEG guided resections in medically refractory rolandic epilepsy.</td>
<td>11.20 – 11.50</td>
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<td>Daniel Nilsson, Louise Carstam, Bertil Rydenhag: Our experience with bone fixated fiducials to increase the precision in the placement of SEEG-electrodes</td>
<td>11.50 – 12.10</td>
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<tr>
<td>Christian Dorfer: iSys-1 robot for SEEG: the Vienna experience</td>
<td>12.10 – 12.30</td>
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<tr>
<td>General discussion</td>
<td>12.30 – 12.45</td>
</tr>
</tbody>
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Lunch

12.45 – 14.00

LASER ABLATION

Francesco Mangano
Laser interstitial thermal therapy: unexpected findings

Robert Bollo
Laser ablation (callosotomy, DNETs, CDs)

Jim Rutka
Laser ablation: The Sickkids experience

Chima Oluigbo

Marec von Lehe
Lesion guided stereotactic radiofrequency thermocoagulation in epilepsy surgery

General discussion

14.00 – 14.20

14.20 – 14.40

14.40 – 15.00

15.00 – 15.20

15.20 – 15.40

15.40 – 15.45

Coffee break

15.45 – 16.15

DISCONNECTIONS & CONNECTIVITY

Yasushi Iimura
Callosotomy followed by posterior quadrantectomy in Sturge-Weber syndrome

George Ibrahim
Connectivity-based resective strategies: current and emerging evidence

Jim Baumgartner
Callosotomy as a staging procedure

Nicholas Wetsen
Posterior disconnection procedures

Welcome ceremony followed by dinner

16.15 – 16.35

16.35 – 16.55

16.55 – 17.15

17.15 – 17.35

19.00 -
Saturday 01.09.2018

TOOLS & MAPPING

Helio Rubens Machado
Cortical mapping for surgery in eloquent brain áreas in children 09.00 – 09.20

Sarat Chandra
Robotic and O-arm guided RF lesionectomy of HH 09.20 – 09.40

Karl Rössler
Intraoperative MRI and Neuronavigation 09.40 – 10.00

Bertil Rydenhag, Daniel Nilsson, Louise Carstam
Our early experience with the use of intraoperative 3T-MRI in surgery for dysplasia 10.00 – 10.20

Faisal Alotaibi
Intraoperative language mapping: from traditional to new techniques 10.20 – 10.40
Transcentral sulcus approach: degree of deficit and outcome

Coffee Break 10.40 – 11.00

TEMPORAL & INSULAR RESECTIONS

Mario Alonso Vanegas
Parahippocampectomy for epilepsy 11.00 – 11.20

Stenio Sarmento
Minimally invasive surgery for temporal lobe epilepsy 11.20 – 11.40

Alexander Weil
Insular perysilvian epilepsy: investigation and surgical strategies 11.40 – 12.00

Guoming Luan
Minimally invasive surgery in patients with normal MRI and insular epilepsy 12.00 – 12.20

General discussion 12.20 – 12.30
LUNCH
12.30 – 13.30

HEMISPHERIC SURGERY

Aria Fallah
The addition of choroid plexus coagulation to reduce the incidence of hydrocephalus
13.30 – 13.50

Hidenori Sugano
Approach selection for hemispherectomy.
13.50 – 14.10

Sandeep Sood
New endoscopic tools for epilepsy surgery
14.10 – 14.30

Discussion
14.30 – 14.40

Coffee Break
14.40 – 15.00

NEUROMODULATION

Robert Gross
The role and approach to responsive neuromodulation in mesial temporal lobe epilepsy.
15.00 – 15.20

Soha Alomar
Different neuromodulation techniques in epilepsy
15.20 – 15.40

David Adelson
VNS placement: how to do it-how not to do it
15.40 – 16.00

Arthur Cukiert
Hippocampal DBS in patients with temporal lobe epilepsy
16.00 – 16.20

Summary
Outlook for next meeting
16.20 – 16.30