

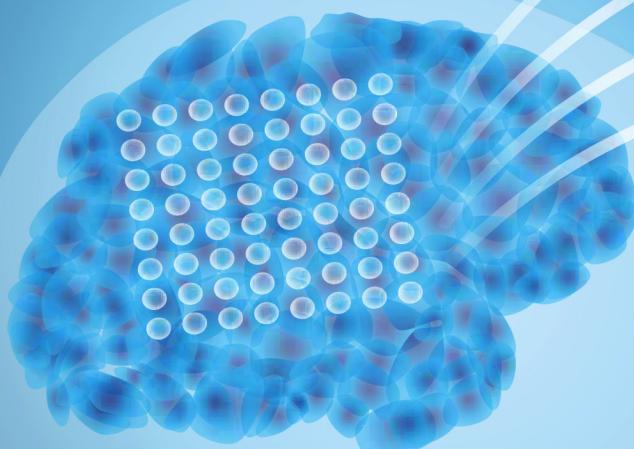


7th International Epilepsy Colloquium

Marburg/Erlangen • Lyon/Grenoble • London • Cleveland

Diagnostic and Therapeutic Use of Invasive Electrodes

May 28 – 31, 2014
Marburg, Germany



PROGRAM

7th International Epilepsy Colloquium

Status Epilepticus Satellite

International Epilepsy Course

international-epilepsy-colloquium.com

WED, MAY 28		THU, MAY 29		FRI, MAY 30		SAT, MAY 31			
Time	Room A	Room A	Room B	Room A	Room B	Room A			
08:00	Closed Workshop on IEEG Terminology	7 th IEC Symposium 3 Therapeutic Use of Invasive Electrodes 1	In cooperation with Epi miRNA MicroRNAs in the Pathogenesis, Treatment and Prevention of Epilepsy	Registration Epilepsy Course	Status epilepticus Satellite Part D End of 7 th IEC	Treatment: Special Considerations			
08:30									
09:00									
09:30									
10:00		Coffee Break							
10:30		7 th IEC Symposium 4 Therapeutic Use of Invasive Electrodes 2		Industry Symposium	Industry Symposium	Stopping Drug Treatment: When and How?			
11:00									
11:30	Welcome remarks								
12:00									
12:30	Lunch& Postersession								
13:00	Welcome Remarks 7 th IEC Symposium 1 Diagnostic Use of Invasive Electrodes 1	7 th IEC Symposium 5 Brain Stimulation	Registration Status Epilepticus Satellite	Status Epilepticus Satellite Part A	First Seizure: Diagnosis, Prognosis, Treatment	Immunology of Epilepsies and Treatment			
13:30									
14:00									
14:30									
15:00									
15:30	Coffee Break	Coffee Break		Lunch	Keynote Lecture	Lunch			
16:00	7 th IEC Symposium 2 Diagnostic Use of Invasive Electrodes 2								
16:30	7 th IEC Symposium 6 Electrocoagulation, Ultrasound & Laser Ablation								
17:00									
17:30									
18:00									
18:30	7 th IEC Keynote Lecture 1 Jeffrey Loeb, Chicago	7 th IEC Keynote Lecture 2 Jan Claassen, New York	Status Epilepticus Satellite Part B Part C	Adult EEG in Focal Epilepsies	Pediatric EEG: Practice and Pitfalls				
19:00									
19:30									
20:00									
20:30	Get together								
21:00	Colloquium Dinner	Course Dinner							

Wednesday, May 28, 2014

08:00 – 11:30	Closed Workshop on IEEG Terminology Hall Alentejo/Flores
12:30 – 13:00	Welcome remarks Hall Alentejo/Flores F. Rosenow, Head Epilepsy Center Hesse, Campus Marburg K. Krause, President of the Philipps-University Marburg R. Dodel, Head, Department of Neurology E. Vaupel, Mayor, City of Marburg
13:00 – 18:30	7th IEC Symposia 1 & 2 Diagnostic use of intracranial electrodes Symposium 1: History of IEEG use, EEG markers of epileptogenicity Hall Alentejo/Flores Chairs: S. Lhatoo (Cleveland, USA), F. Rosenow (Marburg, Germany) History of IEEG use H. Lüders (Cleveland, USA) When to use what kind of invasive electrodes: subdural vs SEEG S. Lhatoo (Cleveland, USA) Correlation of IEEG and surface EEG G. Ramantani (Freiburg, D) HFOs markers of normal physiology vs epileptic tissue J. Jacobs (Freiburg, D) The role of DC-shift in the presurgical diagnosis of epilepsy S. Wu (Chicago, USA) Case presentation 1: IEEG in focal cortical dysplasia T. Wehner (London, UK)
15:30 - 16:00	Coffee break

16:00 - 18:20	Symposium 2: Placement of IEEG electrodes Hall Alentejo/Flores Chairs: M. Feucht (Vienna, A), S. Noachtar (Munich, D) Placement strategies of SEEG-electrodes P. Kahane (Lyon, F) Placement strategies of subdural electrodes S. Noachtar (Munich, D) How to insert SEEG? J. Miller (Cleveland, USA) How to insert subdural plates C. Kappus (Marburg, D) Imaging techniques to best depict invasive electrodes M. Belke (Marburg, D) Case presentation 2: IEEG in tuberous sclerosis M. Feucht (Vienna, A)
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18:20 - 18:30 **Break**

18:30 - 19:30	Keynote lecture 1: IEEG activity vs. other markers of epileptogenicity - a systems biology approach J. Loeb (Chicago, USA)
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19:30 **Get together at the Congress Center**

Thursday, May 29, 2014

08:00 – 12:30	7th IEC Symposia 3 & 4 Diagnostic and therapeutic use of intracranial electrodes and stereotactic devices
08:00 - 10:00	Symposium 3: Definition of cortical zones using IEEG Room Alentejo/Flores Chairs: P. Kahane (Lyon, F), H. Lüders (Cleveland, USA) Subdural EEG in the definition of irritative and seizure onset zones C. Baumgartner (Vienna, A) SEEG in the definition of irritative and seizure onset zones P. Kahane (Lyon, F) Subdural EEG to map eloquent cortex and tracts (cortico-cortical connections) B. Diehl (London, GB) SEEG to map eloquent cortex and tracts O. David (Grenoble, F) Case presentation 3: IEEG in (nodular) heterotopias R. Mai (Milano, It)
10:00 - 10:30	Coffee break
10:30 - 12:30	Symposium 4: Special techniques and complications Room Alentejo/Flores Chairs: J. Duncan (London, GB), H.M. Hamer (Erlangen, D) Automated seizure detection by IEEG A. Schulze-Bonhage (Freiburg, D) Complications of subdural electrodes H.M. Hamer (Erlangen, D) Complications of SEEG E. Hirsch (Strasbourg, F) Case presentation 4: IEEG in cavernomas and other vascular malformations J. Miller (Cleveland, USA)
12:30 - 13:30	Lunch break

13:30 – 18:30	7th IEC Symposia 5 & 6
13:30 - 16:00	<p>Symposium 5: Brain stimulation Room Alentejo/Flores</p> <p>Chairs: A. Arzimanoglu (Lyon, F), P. Boon (Ghent, B)</p> <p>Stimulating deep brain nuclei and structures S. Rona (Tübingen, D)</p> <p>Direct stimulation of epileptic foci</p> <p>in animal models D.M. Durand (Cleveland, USA)</p> <p>Responsive neurostimulation (RNS) M. Morrell (Mountain View, USA)</p> <p>Hippocampal stimulation P. Boon (Ghent, B)</p> <p>Stimulating white matter tracts including the Fornix</p> <p>in an animal model of classical TLE+HS S. Bauer (Marburg, D)</p> <p>in patients H. Lüders (Cleveland, USA)</p>
16:00 - 16:30	Coffee break
16:30 - 18:30	<p>Symposium 6: Electrocoagulation, ultrasound & laser ablation Room Alentejo/Flores</p> <p>Chairs: M. Koubeissi (Washington, USA), G. LoRusso (Milano, It)</p> <p>Electrocoagulation of the seizure onset zone in cortical dysplasia M. Guénod (Lyon, F)</p> <p>Electrocoagulation of nodular heterotopia G. LoRusso (Milano, I)</p> <p>Stereotactic laser ablation in epilepsy surgery (nodular heterotopia and hypothalamic hamartomas) N. Tandon (Houston, USA)</p> <p>Focussed ultrasound N. Fountain (Charlottesville, USA)</p> <p>Case presentation 5: Focal cortical dysplasia J. Wellmer (Bochum, D)</p>

18:30 - 19:40 **Keynote Lecture 2:**
IEEG and multimodal imaging in the neuro-intensive care unit
J. Claassen (New York, USA)

19:40 **End of the 7th IEC**

20:00 **Social Event**

Thursday, May 29, 2014

Status Epilepticus Satellite – Update 2014 - Day 1

in cooperation with



Part A

13:30 - 14:30 **Classification of status epilepticus**
Room VILA Verde

Chairs: C. Kellinghaus (Osnabrück, D), F. Rosenow (Marburg, D)

Controversy: Classification of SE: by semiology, by etiology, by syndrome?

The new proposal by the ILAE
E. Trinka (Salzburg, A)

The semiological classification of SE
F. Rosenow (Marburg, D)

Panel discussion:
C. Kellinghaus (Osnabrück, D), H. Lüders (Cleveland, USA), E. Trinka (Salzburg, A), F. Rosenow (Marburg, D)

Part B

14:30 - 15:30 **Current standards and new data in the treatment of SE**
Room VILA Verde

Chairs: S. Knake (Marburg, D), S. Rüegg (Basel, CH)

Treatment of initial and established SE
S. Knake (Marburg, D)

Treatment of refractory SE
M. Holtkamp (Berlin, D)

The cost of status epilepticus
A. Strzelczyk (Marburg, D)

15:30 - 16:00

Coffee break

16:00 - 18:15

New and emerging therapeutic strategies for SE
Room VILA Verde

Chairs: J. Claassen (New York, USA), M. Walker (London, UK)

In children

B.A. Neubauer (Gießen, D)

In adults

S. Rüegg (Basel, CH)

TrendS Trial - Cont. EEG to guide treatment

A. Husain (Durham, USA)

IIEG to guide treatment of status epilepticus

J. Claassen (New York, USA)

18:30 - 19:40

Keynote Lecture 2:

IIEG and multimodal imaging in the neuro-intensive care unit

J. Claassen (New York, USA)

20:00

Social event at the Eventscheune Marburg

Friday, May 30, 2014

Status Epilepticus Satellite – Update 2014 - Day 2

Part C

08:00 - 10:00

Results from animal models of SE

Room VILA Verde

Chairs: S. Bauer (Marburg, D), D. Henshall (Dublin, IRL)

MicroRNA in pathogenesis and treatment of status epilepticus

D. Henshall (Dublin, IRL)

Mitochondria dysfunction and free radical production

M. Walker (London, UK)

Brain stimulation and other new concepts in the treatment of SE

B. Norwood (Marburg, D)

Inducing epileptic tolerance

E. Jimenez-Mateos (Dublin, IRL)

10:00

End of the Status Epilepticus Satellite

10:15 - 11:10

UCB Industry Symposium

Room Alentejo/Flores

Friday, May 30, 2014

International Epilepsy Course - Day 1

Room Alentejo/Flores

11:15 - 11:30

Welcome

11:30 - 12:00

Introductory lecture: Core problems in clinical epileptology

C. Elger (Bonn, D)

12:00 - 13:00

First seizure: diagnosis, prognosis, treatment

Moderator: T. Wehner (London, UK)

Panel: M. Carreno (Barcelona, E), P. Kahane (Lyon, F), E. Trinka (Salzburg, A)

13:00 - 14:00

Lunch break

14:00 - 14:30

Keynote lecture: Neurophysiological diagnosis of epilepsies

M. Walker (London, UK)

14:30 - 15:30

Adult EEG in focal epilepsies

Moderator: S. Noachtar (Munich, D)

Panel: S. Bauer (Marburg, D), S. Lhatoo (Cleveland, USA), P. Ryvlin (Lyon, F)

15:30 - 16:30

Diagnosing fits, faints and funny spells

Moderator: B. Diehl (London, UK)

Panel: C. Baumgartner (Vienna, A), K.M. Klein (Marburg, D),

T. Mayer (Dresden, D)

16:30 - 17:00

Coffee break

17:00 - 17:30

Keynote lecture: The importance of semiology in epilepsies

M. Koubeissi (Washington, USA)

17:30 - 18:30

Semiology of epilepsies: case discussions

Moderator: M. Carreno (Barcelona, E)

Panel: J. Duncan (London, UK), M. Hagge (Erlangen, D),
F. Rosenow (Marburg, D)

18:30 - 19:30 **Epilepsy surgery in adults**
Moderator: P. Ryvlin (Lyon, F)
Panel: C. Baumgartner (Vienna, A),
S. Lhatoo (Cleveland, USA), J. Miller (Cleveland, USA)

14:30 - 19:30 **Parallel session: Paediatric Epileptology**
Room VILA Verde

14:30 - 15:30 **Paediatric EEG: Practice and pitfalls: case discussions**
Moderator: J. Park (Cleveland, USA)
Panel: A. Arzimanoglou (Lyon, F), T. Bast (Kehl-Kork, D),
T. Polster (Bielefeld, Bethel, D)

15:30 - 16:30 **Benign epilepsy syndromes of childhood**
Moderator: E. Hirsch (Strasbourg, F)
Panel: M. Feucht (Vienna, A), B.A. Neubauer (Gießen, D),
H. Shiraishi (Sapporo, JP)

16:30 - 17:00 **Coffee break**

17:30 - 18:30 **Treatment decisions in children: pharmacotherapy and other options**
Moderator: A. Arzimanoglou (Lyon, F)
Panel: G. Ramantani (Freiburg, D), S. Rona (Tübingen, D)

18:30 - 19:30 **Epilepsy surgery in children - when and how?**
Moderator: H. Holthausen (Vogtareuth, D)
Panel: T. Freiman (Frankfurt, D), J. Miller (Cleveland, USA),
T. Polster (Bielefeld, Bethel, D)

Saturday, May 31, 2014
International Epilepsy Course - Day 2
Room Alentejo Flores

08:30 - 09:30	Treatment: special considerations Moderator: A. Strzelczyk (Marburg, D) Panel: K. Menzler (Marburg, D), J. Duncan (London, UK), S. Stodieck (Hamburg, D)
09:30 - 10:30	Stopping drug treatment: when and how? Moderator: K. Menzler (Marburg, D) Panel: G. Krämer (Zurich, CH), T. Mayer (Dresden, D), T. Wehner (London, UK)
10:30 - 11:00	Coffee break
11:00 - 11:30	Keynote lecture: Epilepsy in TSC T. Bast (Kehl-Kork, D)
11:30 - 12:30	Specific syndromes (MCD) Moderator: B.A. Neubauer (Giessen, D) Panel: H.M. Hamer (Erlangen, D), E. Hirsch (Strasbourg, F), H. Holthausen (Vogtareuth, D)
12:30 - 13:30	Lunch break
13:30 - 14:00	Keynote lecture: MR Imaging in Epilepsies J. Duncan (London, UK)
14:00 - 15:00	Imaging in Epilepsy: MRI, SPECT, PET, MEG Moderator: J. Wellmer (Bochum, D) Panel: S. Knake (Marburg, D), T. Wehner (London, UK), F. Woermann (Bielefeld, Bethel, D)
15:00 - 15:30	Keynote lecture: When should genetic investigations be considered? H. Lerche (Tübingen, D)
15:30 - 16:30	Genetic investigations in epilepsy practice: case presentations Moderator: K.M. Klein (Marburg, D) Panel: H. Lerche (Tübingen, D), B.A. Neubauer (Gießen, D), P.S. Reif (Marburg, D)
16:30 - 17:00	Coffee break
17:00 - 18:00	Neuropsychology and psychiatric comorbidities: Bedside tests and monitoring side effects: case presentations Moderator: A. Haag (Marburg, D) Panel: A. Hermsen (Marburg, D), C. Konrad (Marburg, D), J. Park (Cleveland, USA)