

10TH INTERNATIONAL EPILEPSY COLLOQUIUM

CONTINUING MEDICAL EDUCATION

INTRACTABLE FOCAL EPILEPSY STATE OF THE ART: SURGICAL AND MEDICAL MANAGEMENT

June 15 – 17, 2017

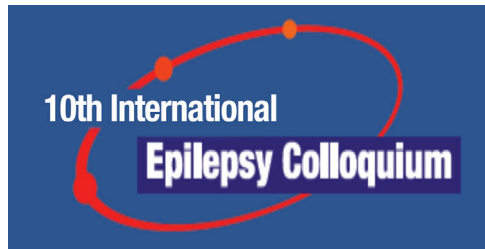
The Ritz-Carlton, South Beach

Miami Beach, Florida, USA

www.epilepsycolloquium.com



Hôpitaux de Lyon



Epilepsy Center
Dept. of Neurology
University of Erlangen



PRESENTED BY:



University Hospitals
Neurological Institute

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UNIVERSITY

OVERVIEW

The International Epilepsy Colloquium represents a joint initiative from the epilepsy centers of University Hospitals Cleveland Medical Center in the United States, Goethe Universitat in Germany, the Lyon University Hospital Institute for Children and Adolescents with Epilepsy – IDEE, Grenoble University Hospital in France, University College London, University of Erlangen in Germany and Université de Lausanne in Switzerland.

The Colloquium brings together the most recognized experts in the field of epilepsy. The 2017 Colloquium will focus on management of intractable focal epilepsy. Numerous case discussions strive to make the sessions interactive to facilitate active audience participation in the interchange of ideas.

WELCOME TO MIAMI BEACH

Miami Beach is a bustling metropolitan city and a sun-soaked, beachfront paradise on a barrier island between Biscayne Bay and the Atlantic Ocean. Its southern end, South Beach, is famed as a destination for models and celebrities, with a wealth of art deco buildings. Wide beaches line the island's oceanfront. The Ritz-Carlton, South Beach is in the heart of the Art Deco District, where nightlife and fun abound.

TARGET AUDIENCE

The symposium is designed for epileptologists, neurosurgeons and neurologists. Residents/fellows, nurses, neuropsychologists, EEG technologists and other health care professionals may also find this education of value and are welcome to attend.

LEARNING OBJECTIVES

After attending this Colloquium, participants will be able to:

- Identify modern medical treatment options for intractable focal epilepsy, and recognize the impact of old and new drugs on prognosis, morbidity and mortality
- Discuss technological advances in diagnostic methodologies
- Identify modern surgical treatment options for intractable focal epilepsy, including subdural EEG and stereotactic EEG approaches and brain monitoring
- Approach difficult cases with an enhanced understanding of the latest medical and surgical options

CONTINUING EDUCATION

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this live activity for a maximum of 25.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABSTRACTS/CALL FOR POSTERS

You are invited to respond to the Call for Posters for the 10th International Epilepsy Colloquium. Abstracts for posters (not exceeding 250 words) should be submitted via email to Joan.Farmer@UHhospitals.org by March 31, 2017. Authors are responsible for transporting and mounting their own posters. Tacks, easels and 4-foot high by 6-foot wide boards will be provided. Posters will be on display throughout the Colloquium in the area with refreshments and vendor displays.

Prizes of \$1,000 for first place and \$500 for second place will be provided. In addition, poster presenters will receive discounted tuition of \$295.

SUBMISSION OF CASES FOR THE COLLOQUIUM

You are invited to respond to the request for cases to be discussed at the end of the day on Saturday, June 17. The format should consist of five slides, including imaging and EEG, and one seizure video. Difficult and/or educational cases are encouraged. All submissions must be made by June 1, 2017, to Dr. Samden Lhatoo at Samden.Lhatoo@UHhospitals.org. Submissions will be vetted by the Colloquium's Scientific Advisory Panel.

LOCATION/ACCOMMODATIONS/PARKING

The Ritz-Carlton, South Beach

One Lincoln Road, Miami Beach, Florida 33139

<http://www.ritzcarlton.com/en/hotels/miami/south-beach>

Case Western Reserve University has reserved a block of rooms at the Ritz-Carlton, South Beach for the nights of Wednesday, June 14 through Saturday, June 17 at the rate of \$239/night (plus tax) for single/double occupancy. Our room block is limited and expires May 15, 2017.

Make your reservation online at <http://www.ritzcarlton.com/en/hotels/miami/south-beach>. Enter Code CASCASA for one king bed or CASCASB for two double beds.

Or contact the Ritz-Carlton directly at 305-671-2609 or 1-800-241-3333. Ask for the Case Western 2017 Epilepsy Colloquium group rate.

Reservations are guaranteed by each individual, and a deposit of one night's rate, plus tax, is required.

There is a \$28/daily resort amenity charge that will appear at booking but is waived for our group and will be adjusted off your bill at check out.

Valet parking is available at the rate of \$36/day.

LATE REGISTRATION AND CANCELLATION POLICY

Preregistrations are accepted until 2 p.m. ET June 12, 2017. Register on-site after this date.

Cancellations received on or prior to June 5, 2017, will be refunded less a \$100 cancellation fee.

No refund will be given for cancellations received after June 5.

INFORMATION

For additional information about this activity, contact the Case Western Reserve University CME Program:

- Telephone: 216-983-1239 or 1-800-274-8263
- Email: MedCME@Case.edu
- Website: EpilepsyColloquium.com

ACKNOWLEDGMENTS

This conference will be supported by grants from industry. A complete listing of industry supporters will be provided in the educational materials produced for the conference.

Acceptance of funding in support of this conference does not constitute endorsement of any product or manufacturer.

REGISTRATION INFORMATION

Conference tuition includes all educational sessions, continental breakfast each day, lunch on two days, a welcome reception on Thursday evening and access to a syllabus in PDF form, available online. Persons with special needs that require assistance should call the CME Program not less than two weeks prior to the start of the activity.

Case Western Reserve University CME Program reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event this occurs, any registration fee(s) paid will be refunded. Be advised that Case Western Reserve University is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.

PROGRAM AGENDA

THURSDAY, JUNE 15

- 8 a.m. Registration and Coffee
- 8:30 a.m. Welcome Address
Samden Lhatoo, MD
- 8:45 a.m. Distinguished Epileptologist Lecture: Intractable Focal Epilepsy in the 21st Century – How Far Have We Really Come?
Samuel Wiebe, MD

EPIDEMIOLOGY, NATURAL HISTORY AND OUTCOME

Chairs: Ley Sander, MD, PhD, and Samden Lhatoo, MD

- 9:30 a.m. Intractability: The Scale of the Problem – Has It Changed?
Ley Sander, MD, PhD
- 10 a.m. Intractability – Have New AEDs Made an Impact?
Frank Gilliam, MD
- 10:30 a.m. Mortality in the Intractable Population – Has Anything Changed?
Michael Sperling, MD
- 11 a.m. Case Discussion: Latency to Surgery – Fact or Fiction?
Felix Rosenow, MD
- 11:30 a.m. Break
- 11:45 a.m. Plenary Lecture: Epilepsy Surgery – Has the Post-Resection Era Begun?
Philippe Ryvlin, MD, PhD
- 12:30 p.m. Lunch Break

CLASSIFICATION AND EPILEPSY INFORMATICS

Chairs: Samuel Wiebe, MD, and Michael Sperling, MD

- 1:30 p.m. Seizure Tracking – Personalized Care of Intractability
William Theodore, MD, PhD
- 2 p.m. What Big Data Can Do for Intractability
Brian Litt, MD, PhD
- 2:30 p.m. Epilepsy and Seizure Classification – A Pragmatic Look
Hans Lüders, MD, PhD
- 3 p.m. Case Discussion: Classification Conundrums
Hajo Hamer, MD
- 3:30 p.m. Break

THE NEUROIMAGING OF INTRACTABILITY

Chairs: John Duncan, MD, and Philippe Ryvlin, MD, PhD

- 3:45 p.m. 7T MRI in Presurgical Assessments – What Are We Chasing?
Renzo Guerrini, MD
- 4:10 p.m. Functional Imaging – Where Do We Stand Now?
Susanne Knake, MD, PhD

- 4:35 p.m. O₂-Enhanced and Other MRI Techniques in Focal Epilepsy
Giridhar Kalamangalam, MD, DPhil
- 5 p.m. Multi-Modality Imaging – How It Helps
John Duncan, MD
- 5:30 p.m. Case Discussion: How Imaging Helps/Does Not Help Me
Andreas Schulze-Bonhage, MD
- 6 p.m. Adjourn for the Day
- 6:30 p.m. Welcome Reception

FRIDAY, JUNE 16

THE NEUROPHYSIOLOGY OF INTRACTABILITY

Chairs: Hans Lüders, MD, PhD, and Jean Gotman, PhD

- 7:30 a.m. Registration and Coffee
- 8 a.m. Early Ictal Spread – What It Means for Surgery
Fabrice Bartolomei, MD, PhD
- 8:30 a.m. High-Frequency Oscillations – What We Know Now
Jean Gotman, PhD
- 9 a.m. Ictal and Inter-Ictal Infraslow – How to Look and What It Means
Shasha Wu, MD, PhD
- 9:30 a.m. Case Discussion: Utility of HFOs and Infraslow in Surgical Practice
Julia Jacobs, MD, PhD
- 10 a.m. Break
- 10:15 a.m. Plenary Lecture: The Epileptogenic Zone – Current Concepts
Jerome Engel, MD, PhD

EPILEPSY SURGERY – GLOBAL ASPECTS

Chairs: Philippe Kahane, MD, PhD, and Edouard Hirsch, MD

- 11 a.m. Epilepsy Surgery in the USA – Under- or Over-Utilized?
Stephan Schuele, MD, MPH
- 11:20 a.m. Is Noninvasive Evaluation Sufficient in Most Cases?
Jayanti Mani, MD
- 11:40 a.m. Is ECoG Sufficient Enough in Difficult Cases?
Michael Duchowny, MD
- 12 p.m. Epilepsy Surgery in Children: What Is Different from Adults?
Prasanna Jayakar, MD, PhD
- 12:20 p.m. Building Epilepsy Surgery Programs: The Iranian Experience
Jafar Mehvari, MD
- 12:40 p.m. Epilepsy Surgery in Korea
Seung Bong Hong, MD
- 1 p.m. Lunch Break
Poster Viewing and Competition

PROGRAM AGENDA

LESION NEGATIVE INTRACTABLE EPILEPSY: PRACTICAL CONSIDERATIONS

Chairs: Jerome Engel, MD, PhD, and Susanne Knake, MD, PhD

Part 1: Temporal Lobe Epilepsy

- 2 p.m. Mesio-Temporal Lobe Epilepsy – Case Discussion
Edouard Hirsch, MD
- 2:25 p.m. Neocortical Temporal Lobe Epilepsy – Case Discussion
Soheyl Noachtar, MD
- 2:50 p.m. Temporal Plus Epilepsy – Case Discussion
Philippe Ryvlin, MD, PhD
- 3:15 p.m. Minimalist Surgery in TLE – Hippocampal Transection
Shahram Amina, MD
- 3:40 p.m. Break

LESION NEGATIVE INTRACTABLE EPILEPSY: PRACTICAL CONSIDERATIONS

Chairs: Hajo Hamer, MD, and Stefano Francione, MD, PhD

Part 2: Frontal Lobe Epilepsy – Case-Based Discussions

- 4 p.m. Orbito-Frontal Epilepsy
Bernhard Steinhoff, MD, PhD
- 4:25 p.m. Anterior Cingulate Epilepsy
Nuria Lacuey, MD, PhD
- 4:50 p.m. SSMA Epilepsy
Hans Holthausen, MD
- 5:15 p.m. Dorsolateral Frontal Lobe Epilepsy
François Dubeau, MD, PhD
- 5:40 p.m. Surgical Outcomes of Frontal Lobe Resections
Jonathan Miller, MD
- 6:10 p.m. Adjourn for the Day

SATURDAY, JUNE 17

- 7:30 a.m. Registration and Coffee
- 8 a.m. Plenary Lecture: The Neuropathology of Lesion
Negative Focal Epilepsy
Maria Thom, MD, PhD

NEW CHALLENGES IN INSULO-OPERCULAR AND POSTERIOR CORTEX EPILEPSIES

Chairs: Soheyl Noachtar, MD; Felix Rosenow, MD; and Sylvain Rheims, MD, PhD

- 8:45 a.m. Recognizing Insulo-Opercular Epilepsy – Case Discussion
Dang Nguyen, MD
- 9:15 a.m. Recognizing Posterior Cingulate Epilepsy – Case Discussion
Philippe Kahane, MD, PhD

- 9:45 a.m. Surgery of the Insulo-Opercular Complex: Yes, We Can
Stéphan Chabardes, MD, PhD
- 10:15 a.m. Surgery of the Posterior Cortex: Does It Work and Is It Safe?
Stefano Francione, MD, PhD
- 10:45 a.m. Break

EPILEPSY SURGERY IN SPECIFIC SITUATIONS

Chairs: François Dubeau, MD, PhD, and Andreas Schulze-Bonhage, MD

- 11 a.m. Presurgical Evaluation of Polymicrogyria – Should We?
Louis Maillard, MD
- 11:30 a.m. Invasive Evaluation of Hemispheric Malformations – Can We?
Sylvain Rheims, MD, PhD
- 12 p.m. Combining SEEG and Grids – Can We Do This?
Nitin Tandon, MD
- 12:30 p.m. Case Discussions
Jun Park, MD
- 1 p.m. Lunch Break
Poster Viewing

EPILEPSY SURGERY: NONSURGICAL ASPECTS

Chairs: Andres Kanner, MD, and Jun Park, MD

- 2 p.m. Impact of Genetic Findings in Epilepsy Surgery
Karl Klein, MD, PhD
- 2:30 p.m. The Neuropsychiatric Aspects of Intractability
Andres Kanner, MD
- 3 p.m. Neuropsychological Assessment – What's Changed?
Philip Fastenau, PhD
- 3:30 p.m. Case Discussions
Guadalupe Fernandez Baca-Vaca, MD
- 4 p.m. Break
- 4:15 p.m. Case Discussions – Bring Your Own Cases
Panel: Prasanna Jayakar, MD, PhD; Felix Rosenow, MD;
Nitin Tandon, MD; Louis Maillard, MD, PhD; Asim Shahid, MD;
and Philippe Kahane, MD, PhD
- 6 p.m. Colloquium Adjourns

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ORGANIZING COMMITTEE

Alexis Arzimanoglou, MD; John Duncan, MD; Hajo Hamer, MD; Edouard Hirsch, MD; Philippe Kahane, MD, PhD; Andres Kanner, MD; Susanne Knake, MD, PhD; Samden Lhatoo, MD; Hans Lüders, MD, PhD; Jonathan Miller, MD; Felix Rosenow, MD; and Philippe Ryvlin, MD, PhD

FACULTY DISCLOSURE

The policy of Case Western Reserve University School of Medicine CME Program requires that the Activity Director, planning committee members and all activity faculty (that is, anyone in a position to control the content of the education activity) disclose to activity participants all relevant financial relationships with commercial interests. Disclosure will be made to activity participants prior to commencement of the activity. Case Western Reserve University School of Medicine also requires that faculty make clinical recommendations based on the best available scientific evidence and that faculty identify any discussion of “off-label” or investigational use of pharmaceutical products or medical devices.

10th International Epilepsy Colloquium/CID 2566

REGISTRATION FORM

FOUR WAYS TO REGISTER

1. Register online at **<http://cmetracker.net/CASECME/Login?formname=RegLoginLive&eventID=173527>**
2. Mail this completed form with a check payable to Case Western Reserve University or your credit card information to Case Western Reserve University, CME Program, 10524 Euclid Avenue, Cleveland, Ohio 44106-6026
3. Fax this form with your credit card information to **216-844-8133**
4. Call **216-983-1239** with the information requested and your credit card number

Name

Degree

Social Security number (last 4 digits)

Business phone

Mailing address

City

State

ZIP

Email

TUITION (PLEASE CIRCLE):

Physician (\$695)

Nonphysician (\$395)

Resident/Fellow (\$395)

Reception Guest (\$35)

METHOD OF PAYMENT

Enclosed is my check payable to **Case Western Reserve University**

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Card number

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Amount paid

Authorized signature

QUESTIONS?

Contact the CME Program by phone at 216-983-1239 or 1-800-274-8263 or email at medcme@case.edu.



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