

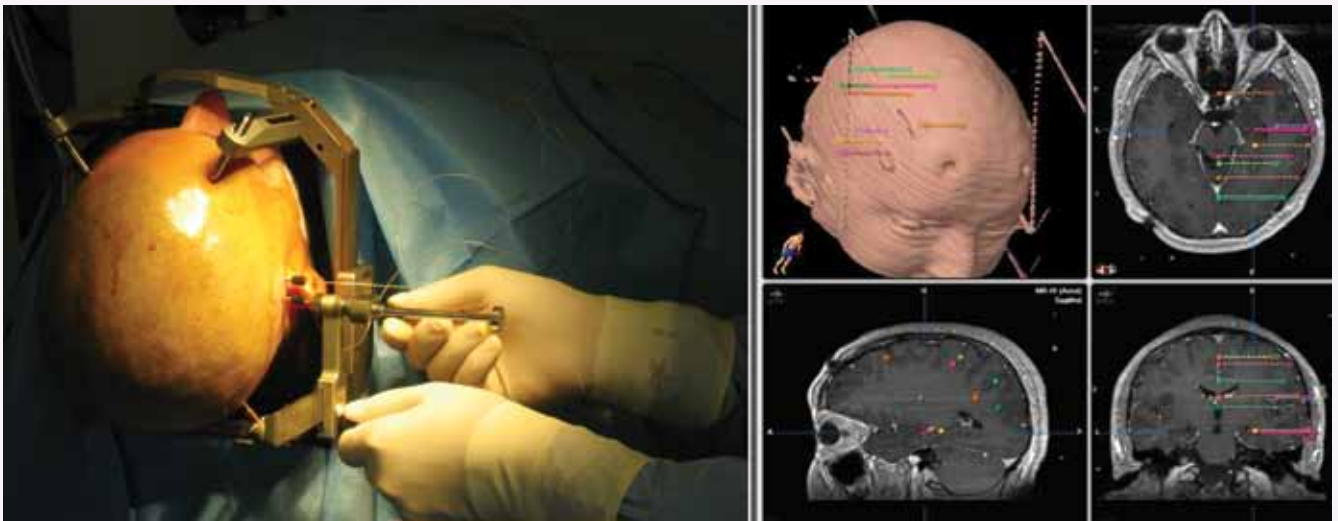
CLEVELAND CLINIC BRAIN MAPPING WORKSHOPS

SEEG in MRI-negative Epilepsies: Indications, Techniques and Interpretation

April 10-13, 2014

InterContinental Hotel and Conference Center
9801 Carnegie Ave
Cleveland, OH

**Limited
to just 40
participants**



SEEG in MRI-negative Epilepsies: Indications, Techniques and Interpretation

About the Workshop

For patients with drug-resistant epilepsy, the next step in controlling seizures is surgery. Despite the use of invasive subdural recording, failure to localize or resect the epileptogenic zone (EZ) occurs. Recent advances in brain mapping techniques offer less-invasive procedures for some patients that provide a more efficient process for obtaining critical data for surgical planning. This workshop explores the indications, limitations, surgical strategies and practical nuances related to the Stereo EEG methodology applied to patients with non-lesional imaging.

Learning Objectives

1. Discuss the surgical management of complex medically refractory focal epilepsy with non-lesional imaging.
2. Discuss the indications, limitations, surgical strategies and practical nuances related to the Stereotactic EEG methodology.

Target Audience

Neurosurgeons and Neurologists

Workshop Directors

Juan Bulacio, MD

Cleveland Clinic Epilepsy Center

Patrick Chauvel, MD

Cleveland Clinic Epilepsy Center and Aix-Marseille University, Marseille, France

Jorge Gonzalez-Martinez, MD, PhD

Cleveland Clinic Epilepsy Center

Imad Najm, MD

Cleveland Clinic Epilepsy Center

Guest Faculty

Christian Benar, PhD

Aix-Marseille University
Marseille, France

Arnaud Biraben, MD

Rennes I University
Rennes, France

Francine Chassoux, MD

Paris Descartes University
Paris, France

Philippe Derambure, MD, PhD

Lille 2 University
Lille, France

Martine Gavaret, MD

Aix-Marseille University
Marseille, France

Maxime Guye, MD, PhD

Aix-Marseille University
Marseille, France

Viktor Jirsa, PhD

Aix-Marseille University
Marseille, France

Louis Maillard, MD, PhD

Lorraine University
Nancy, France

Aileen McGonigal, MD

Aix-Marseille University
Marseille, France

Anca Pasnicu, MD

Rennes I University
Rennes, France

Cleveland Clinic Epilepsy Center Faculty

Andreas Alexopoulos, MD**William Bingaman, MD****Richard Burgess, MD, PhD****Lara Jehi, MD****Stephen Jones, MD, PhD****Dileep Nair, MD**



Cleveland Clinic Brain Mapping Workshops SEEG in MRI-negative Epilepsies: Indications, Techniques, and Interpretation

Thursday, April 10, 2014

5:00-5:30 pm	Registration
5:30-6:00 pm	Welcome and Introductions <i>Jorge Gonzalez-Martinez and Patrick Chauvel</i>
6:00-7:00 pm	SEEG – A Historical Perspective and Current Indications <i>Patrick Chauvel</i>
8:00 pm	Dinner

Friday, April 11, 2014

8:00-9:00 am	SEEG Implantation Technique: Targeting the Brain Networks <i>Jorge Gonzalez-Martinez</i>
9:00-10:00 am	Anatomo-Electro-Clinical Correlations: SEEG in Practice <i>Aileen McGonigal, Juan Bulacio</i>
10:00-10:30 am	Break
10:30 am-12:30 pm	Small Group Workshops, Surgical Cases, Phase I The Use of Non Invasive Electroclinical Data for Identifying the Networks and Targets for SEEG Implantation (SEEG Planning) Moderators Workshop 1: <i>Juan Bulacio, Anca Pasnicu</i> Workshop 2: <i>Andreas Alexopoulos, Francine Chassoux</i> Workshop 3: <i>Aileen McGonigal, Jorge Gonzalez-Martinez</i> Workshop 4: <i>Dileep Nair, Louis Maillard</i>
12:30-2:00 pm	Lunch
2:00-4:30 pm	Grand Workshop, Surgical Cases, Plenary Discussion Phase I Moderators: <i>Imad Najm and Arnaud Biraben</i>
4:30 pm	Break
5:00-6:30 pm	Dynamic Neural Networks: Clinical Significance <i>Viktor Jirsa</i>
6:30-7:30 pm	Hands-on Session: SEEG Technical Nuances <i>Jorge Gonzalez-Martinez</i>
7:30 pm	Dinner



Saturday, April 12, 2014

- 8:00-9:00 am **The Subtle MRI: Current State and Future Prospects**
Stephen Jones
- 9:00-10:00 am **Inter-ictal and Ictal Functional Imaging**
Maxime Guye
- 10:00-10:30 am Coffee Break
- 10:30 am-12:30 pm **Small Group Workshops, Surgical Cases Phase II**
The Analyses and Interpretation of SEEG Data
Moderators
Workshop 1: *Juan Bulacio, Anca Pasnicu*
Workshop 2: *Andreas Alexopoulos, Francine Chassoux*
Workshop 3: *Aileen McGonigal, Jorge Gonzalez-Martinez*
Workshop 4: *Dileep Nair, Louis Maillard*
- 12:30-2:00 pm Lunch
- 2:00-5:00 pm **Grand Workshop, Surgical Cases, Plenary Discussion Phase II**
SEEG Analyses and Interpretation
Moderators: *Patrick Chauvel and Juan Bulacio*
- 5:30-7:00 pm **Round-Table Discussion**
The Primary Irritative Zone: A Pivotal Concept in Non-invasive Localization (MSI, MEG, and EEG-fMRI)
Richard Burgess, Christian Benar, Andreas Alexopoulos, Martine Gavaret
Moderator: *Philippe Derambure*
- 7:00 pm Dinner

Sunday, April 13, 2014

- 9:00-10:00 am **How to Use Functional Connectivity to Analyze SEEG**
Dileep Nair
- 10:00-10:30 am Break
- 10:30 am-12:00 pm **To Cross the Rubicon: From SEEG to Surgical Resection Planning**
Jorge Gonzalez-Martinez, Patrick Chauvel, Lara Jehi, Imad Najm
- 12:00 pm Adjourn

General Information



Location

InterContinental Hotel and Conference Center
9801 Carnegie Ave
Cleveland, OH 44106

Hotel Reservations

Hotel reservations are separate from the course registration and are the responsibility of the participant. Rooms have been blocked for attendees at the InterContinental Hotel and Conference Center. To obtain the workshop rate of \$179 (plus tax), please contact the hotel's group reservations at 877.707.8999 by Friday, March 7, 2014 to receive this rate.

Deadline for Registration and Cancellation

Register at www.ccfcmec.org/SEEG14 Deadline for registration for the symposium is **5:00 pm (EST), Monday, April 7, 2014**. A request for a refund must be received in writing by **April 7**. No refunds will be given after April 7, but registration is transferable through April 13, 2014 for this program only. A cancellation fee will be deducted from the refund for all cancellations.

If you register by mail, please allow up to three weeks for your registration to be processed.

For questions about registration, please call 216.448.0777 or email cmeregistration@ccf.org.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 21.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association Council on Continuing Medical Education for Category 2 credit.

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Martha Tobin at 216.445.3449 or tobinm@ccf.org at least two weeks prior to the activity.

Information

For further information about this activity, contact Martha Tobin at
Local: 216.445.3449
Toll Free: 800.223.2273 x53449
Email: tobinm@ccf.org

Registration Form

CLEVELAND CLINIC BRAIN MAPPING WORKSHOPS

SEEG in MRI-negative Epilepsies: Indications, Techniques and Interpretation

InterContinental Hotel and Conference Center
9801 Carnegie Ave
Cleveland, OH

Please check appropriate box

☐ Neurologists and Neurosurgeons – \$1000☐ Residents/Fellows/PhDs – \$500☐ CCF Alumni – \$600

To Register Online Go To:
www.ccfcmec.org/SEEG14

CCF employees should check fees and register online at the web address listed above.

Once you register online, please do not mail or fax in a registration form.

PLEASE PRINT

First Name	MI	Last Name	Degree
------------	----	-----------	--------

Company			
---------	--	--	--

Address			
---------	--	--	--

City	State	Zip
------	-------	-----

Phone	Fax
-------	-----

Specialty	E-Mail
-----------	--------

☐ I require a vegetarian lunch

Payment Options

☐ **Check Enclosed** (Made payable to:)
The Cleveland Clinic Educational Foundation
P.O. Box 931653
Cleveland, OH 44193-1082

☐ **Credit Card** – must register online at www.ccfcmec.org/SEEG14 to pay by credit card, or call 216.448.0777 for your card to be processed by a certified registrar.