

Epilepsy Surgery Practical Workshop

Cleveland Hyatt Regency at the Arcade and Lutheran Hospital
May 30-June 2, 2019



Hosted by

Epilepsy Surgery Review Course for Residents and Fellows
Conference Center and Anatomy Lab, Lutheran Hospital, Cleveland, Ohio
May 30th to June 2nd, 2019

INVITED FACULTY

Nicholas Barbaro, Indiana University

Robyn Busch, Cleveland Clinic

Patrick Chauvel, Cleveland Clinic

Dario Englot, Vanderbilt University

Jorge Gonzalez-Martinez, Cleveland Clinic

Robert Gross, Emory University

Stephen Jones, Cleveland Clinic

Robert McGovern, University of Minnesota

Guy McKhann, Columbia University

Jonathan Miller, University Hospitals

Imad Najm, Cleveland Clinic

Steven Ojemann, University of Colorado

Mark Richardson, University of Pittsburgh

Steven Roper, University of Florida

Jason Schwalb, Henry Ford Health System

Sameer Sheth, Baylor College of Medicine

Ashwini Sharan, Thomas Jefferson University

Jennifer Sweet, University Hospitals

Nitin Tandon, University of Texas

Jon Willie, Emory University

PROPOSED AGENDA

Thursday May 30th – Hyatt Regency at the Arcade

5:00 PM Registration

6:00 PM Welcome – Michael Steinmetz, Jorge Gonzalez-Martinez and Dario Englot

6:15 PM The Scope of Epilepsy Surgery: Current Practice and Future Directions – Imad Najm

7:00 PM Discussion

7:30 PM Opening Reception – Hyatt Regency Arcade

Friday May 31st - Lutheran Hospital

Module 1: The Basics

- 7:00 AM Fundamentals of Epilepsy Surgery – Nicolas Barbaro
- 7:30 AM Neuroanatomy Applied to Epilepsy Surgery – Steve Roper
- 8:00 AM Electrophysiology and Semiology in Temporal Lobe Epilepsy – Patrick Chauvel
- 8:30 AM Fundamentals of Neuroimaging Applied to Epilepsy Surgery – Stephen Jones
- 9:00 AM Discussion
- 9:15 AM **Break**

- 9:30 AM The Role Neuropsychology Evaluation – Robyn Busch
- 10:00 AM Neuropathology and Epilepsy – Workshop Faculty
- 10:30 AM Nuances of Epilepsy Surgery in the Pediatric Population – Robert McGovern Basics
- 11:00 AM of Neuromodulation for Epilepsy – Jonathan Miller
- 11:30 AM Open Loop vs Close Loop Neuromodulation for Epilepsy – Sameer Sheth
- 12:00 N Discussion

- 12:15 PM Lunch and Case Discussion

Module 2: Surgical interventions and methods: Indications and Results

- 1:30 PM Invasive Monitoring in Difficult to Localize Epilepsies – Steve Ojemann
- 2:00 PM Functional and Anatomical Hemispherectomies – Dario Englot
- 2:30 PM Callosotomies – Jon Willie
- 3:00 PM Vagal Nerve Stimulation – Jason Schwalb
- 3:30 PM Discussion
- 3:45 PM **Break**
- 4:00 PM Laser Therapy for Epilepsy – Bob Gross
- 4:30 PM Responsive Neurostimulation – Mark Richardson
- 5:00 PM Deep Brain Stimulation for Epilepsy – Ashwini Sharan
- 5:30 PM Discussion
- 6:00 PM Adjourn

- 7:00 PM **Reception at The Corner Alley**

Saturday June 1st - Lutheran Hospital

Module 3: Surgical Technique – Theory and Hands-on

- 7:00 AM Introduction and Remarks – Jorge Gonzalez-Martinez
7:15 AM Temporal Lobectomy – Nicholas Barbaro
7:45 AM Frontal and Parietal-Occipital Resections – Nitin Tandon
8:15 AM Corpus Callosotomies – Jon Willie
8:45 AM Discussion

9:00-12:00 Hands-On Lab

Temporal lobectomy
Frontal and Parietal-Occipital Resections
Corpus Callosotomies

Saturday June 1st - Lutheran Hospital

- 12:15 PM Lunch and Case Discussion
1:30 PM Anatomical and Functional Hemispherectomies – Jorge Gonzalez-Martinez
2:00 PM SEEG and Subdural Grids – Guy McKhann
2:30 PM Responsive Nerve Stimulator and Deep Brain Stimulation – Mark Richardson
3:00 PM Laser Therapy for Epilepsy – Bob Gross
3:30 PM **Break**

4:00-7:00 Hands-On Lab

Hemispherectomies
Robotic SEEG
Responsive Nerve Stimulator and DBS
Laser Therapy

8:00 PM Reception at the House of Blues

Sunday June 2nd - Lutheran Hospital

- 8:00 AM Final Remarks and Case Discussions
10:00 AM Adjourn