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Stereotactic and Functional
Neurosurgery Course for
Neurosurgeons and Neurologists

Wednesday, March 29 – Friday, March 31, 2023

Wednesday, March 29 - DAY 1 – Pain

Lecture Session 1 – Richard Jones Hall

6:45 A.M. Shuttle Pickup

7:00 A.M. Registration and Continental Breakfast

7:45 A.M. Welcome and Opening Remarks

Kim Burchiel, M.D., Ahmed Raslan, M.D.

8:00 A.M. Current State of Functional Neurosurgery

Joshua Rosenow, M.D.

8:20 A.M. Facial Pain Classification and Outcome Measurement

Kim Burchiel, M.D.

8:40 A.M. Tractography Imaging Based Diagnosis and Classification Facial Pain

Mojgan Hodaie, M.D.

9:00 A.M. Microvascular Decompression for Cranial Nerves Compression

Syndromes

Christopher Honey, M.D., D.Phil.

9:20 A.M. Break

9:35 A.M. DRG/SCS Stimulation for Pain

Steven Falowski, M.D.

9:55 A.M. DBS for Pain

Sharona Ben-Haim, M.D.

10:15 A.M. Trigeminal Pathway Ablation for Pain

Ahmed Raslan, M.D.

10:40 A.M. Lunch and Group Photo

Lecture Session 2 – Richard Jones Hall

11:35 A.M. Spinal Ablation for Cancer Pain (Cordotomy, Myelotomy, and Tractomy)

Ashwin Viswanathan, M.D.

11:55 A.M. Dorsal Root Entry Zone (DREZ)

Michael Kinsman, M.D.

12:15 P.M. RF Ablation for Spinal Pain

Ahmed Abdelbar Salem, M.D.

12:35 P.M. Break

1:00 P.M. Cadaver Lab Pre-teaching

Lab Session 1 – VirtuOHSU

1:30 P.M. MVD | SCS | DRG | RFL

1:30 P.M. DREZ | DRG | MVD | RFL

5:15 P.M. Transition/Travel Time

Evening Events – Richard Jones Hall

5:30 P.M. Shuttle pickup - Return to Hotel

6:30 P.M. Shuttle pickup – Faculty at Hotel

7:00 P.M. Faculty Dinner

Thursday, March 30 - DAY 2 - Epilepsy

Lecture Session 3 – Richard Jones Hall

6:45 A.M. Shuttle Pickup

7:00 A.M. Continental Breakfast

7:30 A.M. Development of High Resolution, High Capacity Neural Interfaces

Shadi Dayeh, Ph.D.

7:55 A.M. Who is a Candidate for Epilepsy Surgery?

Marissa Kellogg, M.D.

8:20 A.M. Pre-surgical Localization of Epilepsy

David Spencer, M.D.

8:45 A.M. Responsive Neurostimulation (RNS)

Lia Ernst, M.D.

9:10 A.M. Vagus Nerve Stimulation (VNS)

Ittai Bushlin, M.D., Ph.D.

9:35 A.M. DBS for Epilepsy

Dawn Eliashiv, M.D.

10:00 A.M. Break

10:15 A.M. sEEG as a Clinical and Research Tool

Jorge Gonzalez-Martinez, M.D.

10:40 A.M. Functional and Seizure Mapping

Nathan Crone, M.D.

11:05 A.M. Insular Epilepsy

Chen Wu, M.D.

11:30 A.M. Lecture - Lunch- Studying the Brain Connectomics for Improving

Surgical Outcomes After Brain Resections,

Simon Hanft, M.D.

Lecture Session 4 – Richard Jones Hall

12:15 P.M. Temporal Lobe Resection

Jason Schwalb, M.D.

12:40 P.M. Cortical Dysplasia and Extratemporal Resections in Epilepsy

Jeffrey Raskin, M.D.

1:05 P.M. Disconnection Surgery

Neena Marupudi, M.D.

1:30 P.M. Laser Interstitial Thermal Therapy (LITT)

Shabbar Danish, M.D.

1:55 P.M. Brain Mapping in Children

Kelly Collins, M.D.

2:20 P.M. Break

2:30 P.M. Anatomy Review | Cadaver Lab Pre-teaching

Andrew Ko, M.D.

Lab Session 2 – VirtuOHSU

2:50 P.M. LITT | Temporal Lobectomy

4:30 P.M. Neurostimulator Programing for Epilepsy DBS | RNS (Neurology)

Evening Events – Doernbecher Children’s Hospital (Vey)

6:20 P.M. Change clothes | Travel Time

7:00 P.M. Course Dinner - 8:45 P.M. Shuttle Pickup - Return to Hotel

Friday, March 31 - DAY 3 - Movement Disorders

Lecture Session 5 – Richard Jones Hall

6:45 A.M. Shuttle Pickup

7:00 A.M. Continental Breakfast

7:30 A.M. Peripheral Nerve Stimulation for Pain

Konstantin Slavin, M.D.

7:50 A.M. Candidacy Considerations for Movement Disorders Surgery

Shannon Anderson, MPAS, PA-C

8:10 A.M. Target Selection for Movement Disorder Surgery

Delaram Safarpour, M.D. *virtual

8:30 A.M. Awake DBS without MER

Erika Petersen, M.D.

8:50 A.M. Break

9:05 A.M. Awake DBS with MER

Kai Miller, M.D.

9:25 A.M. Asleep DBS with MER

Zvi Israel, M.D.

09:45 A.M. Asleep DBS without MER

Kim Burchiel, M.D.

10:05 A.M. Advances in Neuromodulation

Adolfo Ramirez-Zamora M.D.

10:25 A.M. Break

10: 40 Imaging Based Target for DBS

Harith Akram, M.D.

11:00 A.M. DBS for Psychoaffective Brain Pathways

Sameer Sheth, M.D., Ph.D.

11:20 A.M. Closed-loop/Adaptive DBS

Kelly Foote, M.D.

11:40 A.M. CNS Ablation in Movement Disorders

Zeiad Fayed, M.D., Ph.D.

12:00 P.M. High Frequency Ultrasound

Ahmed Raslan, M.D.

12:20 P.M. Lunch

Lecture Session 6 – Richard Jones Hall

1:20 P.M. Indirect Neuromodulation in Pediatric CP Hypertonia: The

Peripheral Ablation

Walid Abdel Ghany, M.D., Ph.D.

1:40 P.M. IDDS for Pain and Spasticity

Albert Lee, M.D.

2:00 P.M. Brain-computer Interface

Andrew Ko, M.D.

2:20 P.M. Break

2:35 P.M. Cadaver Lab Pre-teaching

Ahmed Raslan, M.D.

Lab Session 3 – VirtuOHSU

1:20 P.M. (Neurology Group) DBS Planning & Programing for Movement

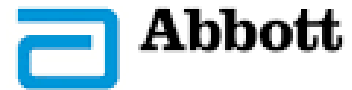
Disorders
2:50 - 6:30 P.M. NeuroPace | NexFrame | Planning Targets | Robotic SEEG

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