



Saturday, August 27, 2022
Aresty Conference Center
Hybrid Conference
7:30 am - 4:30 pm

**Deep Brain Stimulation (DBS) for
the Treatment of Movement
Disorders, Epilepsy, and
Psychiatric Indications**

Keck School of Medicine of **USC**

Presented By:

*Department of Neurological Surgery, Department of Neurology,
Department of Psychiatry and Behavioral Sciences, and
the USC Office of Continuing Medical Education*

PROGRAM AGENDA

7:00 am **Live Registration Opens and Continental Breakfast**

7:45 am **Virtual Login Begins**

8:00 am **Welcome and Introductions**

Brian Lee, MD, PhD and Xenos Mason, MD

DBS for Movement Disorders

Moderator: Xenos Mason, MD

8:15 am **DBS Candidacy in Movement Disorders: Which Patients Benefit from DBS?**

Jennifer Hui, MD

8:45 am **DBS Management for Parkinson's Disease**

Katherine Wong, MD

9:15 am **DBS Management for Essential Tremor and Dystonia**

Xenos Mason, MD

9:45 am **Break**

10:05 am **Surgical Options for DBS**

Brian Lee, MD, PhD

10:35 am **Patient Education**

Nasrin Esnaashari, DNP, CNS, NP-C, CCRN

10:55 am **Patient Workflow**

Catherine Mark, BSN, RN

11:15 am **Pediatric Stereotactic Depth Electrode Placement for Movement Disorders**

Mark A. Liker, MD

12:00 pm **Lunch**

DBS for Epilepsy

Moderator: George Nune, MD

1:00 pm **Overview of Neuromodulation Devices in Drug Resistant Epilepsy**

Janet Greenwood, PA

1:30 pm **Emerging DBS Targets for Epilepsy**

George Nune, MD

DBS for Psychiatric Indications

Moderator: Darrin Lee, MD, PhD

2:00 pm **Psychiatric and Future Applications for DBS**

Darrin Lee, MD, PhD

2:20 pm **Break**

2:40 pm **Diagnosis and Management of Obsessive Compulsive Disorder**

Barbara Van Noppen, PhD

3:05 pm **Non-Invasive and Invasive Neuromodulation for Obsessive Compulsive Disorder**

Adam Frank, MD, PhD

3:30 pm **DBS for Alzheimer's Disease**

Darrin Lee, MD, PhD

3:50 pm **Closing Remarks**

Brian Lee, MD, PhD and Xenos Mason, MD

3:55 pm **Adjourn**

Optional Session

4:00 pm-4:30 pm **Hands-On DBS Programming**

Xenos Mason, MD, Jennifer Hui, MD and Nasrin Esnaashari, DNP, CNS, NP-C, CCRN

COURSE DESCRIPTION

This DBS program is designed for healthcare professionals who manage the care of patients with movement disorders, epilepsy, and psychiatric disorders. It is a one-day course providing an overview of deep brain stimulation, including patient selection criteria, medical management and optimization of therapy prior to DBS surgery, operative techniques and post-operative programming. Participants will attend a series of interactive lectures by expert USC faculty and invited speakers. Participants can attain and integrate new, practical information into their clinical practice on managing and improving outcomes in patients with movement disorders, epilepsy, and psychiatric disorders.

COURSE OBJECTIVES

By the end of the course, participants will be able to:

- Identify when to refer patients to a deep brain stimulation program.
- Assess if their patient is qualified for DBS surgery workup.
- Discuss deep brain stimulation as a treatment option for movement disorders, epilepsy, and psychiatric patients.
- Outline the surgical workup for deep brain stimulation surgery.

TARGET AUDIENCE

This course is intended for healthcare professionals in neurology, psychiatry and primary care seeking to enhance their understanding of movement disorders and treatment options in order to select the optimal management for their patients.

ACCREDITATION STATEMENT

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 6.75 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

COVID-19 GUIDELINES

COVID-19 guidelines issued by the Centers for Disease Control, Los Angeles County and the University of Southern California will be strictly observed. If live attendance is discouraged as conference date approaches, registrants will participate virtually.

FACULTY

COURSE DIRECTORS

Brian Lee, MD, PhD

Co-Course Director

Director of Stereotactic and Functional Neurosurgery
Associate Director of the USC Neurorestoration Center
Departments of Neurological Surgery and
Biomedical Engineering
Keck School of Medicine of USC

Xenos Mason, MD

Co-Course Director

Assistant Professor of Clinical
Neurological Surgery and Neurology
Departments of Neurological Surgery
and Neurology
Keck School of Medicine of USC

PROGRAM ORGANIZING COMMITTEE

Darrin J. Lee, MD, PhD

Associate Director of the USC Neurorestoration Center
Assistant Professor
Departments of Neurological Surgery,
Psychiatry, and Biomedical Engineering
Keck School of Medicine of USC

Catherine Mark, BSN, RN

Nurse Coordinator
Department of Neurological Surgery
Keck Medical Center of USC

KECK SCHOOL OF MEDICINE

Faculty

Nasrin Esnaashari, DNP, CNS, NP-C, CCRN

Clinical Assistant Professor of Neurology
Division of Movement Disorder

Mark A. Liker, MD

Assistant Professor of Clinical
Neurological Surgery
Department of Neurological Surgery

Adam Frank, MD, PhD

Assistant Professor of Clinical Psychiatry
and the Behavioral Sciences
Department of Psychiatry and
The Behavioral Sciences

George Nune, MD

Assistant Professor of Clinical Neurology
Department of Neurology

Janet Greenwood, PA

Clinical Instructor of Neurology
Department of Neurology

Barbara Van Noppen, PhD

Clinical Professor of Psychiatry and
Behavioral Sciences (Clinician Educator)
Vice Chair for Faculty Development
Department of Psychiatry and
The Behavioral Sciences

Jennifer S. Hui, MD

Associate Professor of Neurology
Program Director, Neurology Residency
Department of Neurology
Keck Medical Center of USC

Katherine Wong, MD

Assistant Professor of Clinical Neurology
Department of Neurology

REGISTRATION FORM

Deep Brain Stimulation (DBS) for the Treatment of Movement Disorders, Epilepsy, and Psychiatric Indications: Hybrid Conference: August 27, 2022

Live or Virtual

Early-Bird Registration: Closes August 24, 2022 at 12:00 pm PDT.

Tuition:

Choose one: ☐ Live Attendance ☐ Virtual Attendance

☐ \$125 MD/DO ☐ \$100 NP/PA/APP ☐ \$100 RN/AH ☐ \$50 Resident/Fellow

On-Site Registration: August 27, 2022 at 7:00 am PDT.

\$150 MD/DO \$125 NP/PA/APP \$125 RN/AH \$50 Resident/Fellow

Cancellation:

Cancellations must be received by the USC Office of CME (fax or email) by August 24, 12:00 pm PDT for a refund. A \$50 cancellation fee will be applied for requests received after August 24. In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

Location:

Catherine and Joseph Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus 1450 Biggy Street, Los Angeles, CA 90033

Parking:

\$14 at Biggy Parking Structure (P8): 1334 Biggy Street, Los Angeles, CA 90033

Register:

Mail:

1540 Alcazar Street, CHP 223, Los Angeles, CA 90033

Mail-in registration must be postmarked by August 24, 2022.

Online:

keckusc.cloud-cme.com/deepbrain2022

Phone:

(323) 442-2555 | Fax: 1 (888) 665-8650 **AMEX, Mastercard, Visa**

Email:

usceme@usc.edu

On-site:

Live registration: Available August 27, 7:00 am, PDT, Aresty Conference Center

Virtual registration available until 10:00 am, PDT, on August 27.

Visa or Mastercard: keckusc.cloud-cme.com/deepbrain2022

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____

TELEPHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

*Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

No cash payment accepted.

☐ Check (Check payable to USC. Check payment must be postmarked by August 24, 2022)

☐ Credit Card (American Express by Fax/Phone/Mail, Mastercard or Visa by Fax or Online)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.



Keck School of Medicine of USC

Office of Continuing Medical Education

1540 Alcazar Street, CHP 223

Los Angeles, CA 90033



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on the USC Health Sciences Campus

1450 Biggy Street

Los Angeles, CA 90033

Non-Profit
U.S. Postage
PAID
University
of Southern
California