David Geffen School of Medicine

NEURAL INTERFACES for Therapeutic Interventions

UCLA

Advanced Therapies for Pain, Headache, Facial Pain and Movement Disorders

FEBRUARY 3, 2018

Tamkin Auditorium
Ronald Reagan UCLA Medical Center
Los Angeles, California

CME OFFICE OF CONTINUING MEDICAL EDUCATION
DAVID GEFFEN SCHOOL OF MEDICINE at UCLA

COURSE DESCRIPTION

This comprehensive 1 day continuing medical education (CME) program in neuromodulation features an outstanding faculty from the Departments of Neurosurgery, Neurology, and Anesthesia at the David Geffen School of Medicine at UCLA. The purpose of the course is to provide an update on the latest multidisciplinary management and application of medical devices for an array of neurologic diagnoses, including movement disorders, epilepsy, chronic pain, and head and facial pain. There will be specific emphasis on new and emerging treatment options, including deep brain stimulation (DBS), responsive neurostimulation, emerging neurotechnologies, and therapies on the horizon. Alternative treatments, including first-line medical management, botulinum toxin therapy, and adjunctive therapies will also be discussed. The course will focus on personalizing therapy, both with respect to patient selection and targeting therapy. To integrate and ensure audience participation, patient testimonials will take place throughout the day. Attendees are encouraged to bring in their own cases for discussion.

TARGET AUDIENCE

Neurosurgeons (functional and general), neurologists (general, movement disorder, and epilepsy), psychiatrists, psychologists, pain management physicians, primary care physicians, allied-health professionals, and neurosurgery, neurology, and psychiatry residents and fellows

COURSE OBJECTIVES

At the conclusion of this activity, participants should be better able to:

- Describe first line medical therapies for movement disorders, epilepsy and pain
- Understand the role and indications for neuromodulatory treatments
- Understand indications, approaches, and methods for ablative procedures for chronic neurologic conditions
- Describe the multi-modal management of head and facial pain

ACCREDITATION

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA 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.

This CME activity meets the requirements, under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Disclosure The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, policy of the Accreditation Council for Continuing Medical Education now mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA, fully endorse the letter and spirit of these concepts.

COURSE DIRECTORS

Nader Pouratian, MD, PhD
Associate Professor and Vice Chair*
UCLA Department of Neurosurgery
Neuromodulation for Movement Disorders & Pain
Peripheral Nerve Surgery
Radiosurgery

Ausaf Bari, MD, PhD
Assistant Professor*
UCLA Department of Neurosurgery
Neuromodulation for Movement Disorders & Pain
Peripheral Nerve Surgery
Radiosurgery

UCLA FACULTY

Yvette M. Bordelon, MD, PhD
Associate Clinical Professor of Neurology*
Division of Movement Disorders

Dawn Eliashiv, MD
Professor*
Co-Director, UCLA Seizure Disorder Center
Department of Neurology

Charles Flippen II, MD, FAAN, FANA
Professor of Neurology*
Richard D. and Ruth P. Walter Chair
Department of Neurology

Itzhak Fried, MD, PhD
Professor*
Department of Neurosurgery
Director, Epilepsy Surgery Program

Reza Jarrahy, MD
Associate Clinical Professor*
Plastic and Reconstructive Surgery
Co-Director, Craniofacial Clinic
Department of Surgery

Adrienne Keener, MD
Assistant Clinical Professor*
Movement Disorders Program
Department of Neurology

Won Kim, MD
Assistant Clinical Professor*
Department of Neurosurgery

Jean-Philippe Langevin, MD
Assistant Professor of Neurosurgery*

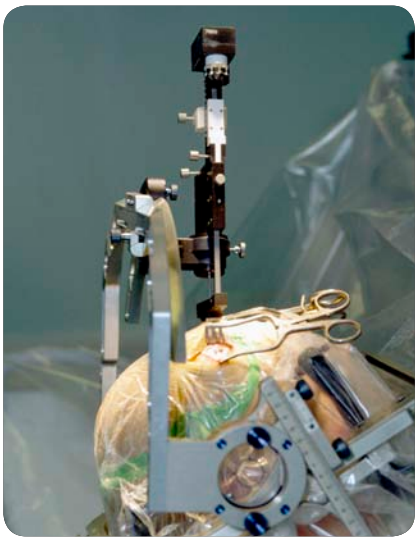
Joshua Prager, MD
Voluntary Assistant Clinical Professor*
Director, Center for the Rehabilitation
of Pain Syndromes (CRPS)
Department of Anesthesiology

John Stern, MD
Professor of Neurology*
Director, Epilepsy Clinical Program
Co-Director, Seizure Disorder Center

Allan D. Wu, MD
Associate Professor of Neurology*
Division of Movement Disorders

Irene Wu, MD
Assistant Clinical Professor*
Assistant Director
UCLA Comprehensive Pain Center
Department of Anesthesiology

*David Geffen School of Medicine at UCLA



NIFTI 2018 : Advanced Therapies for Pain, Headache, Facial Pain, Epilepsy, and Movement Disorders

SATURDAY, FEBRUARY 3, 2018

7:30 am Breakfast and Registration

INTRODUCTION

8:15 Welcome
Nader Pouratian, MD, PhD and Ausaf Bari, MD, PhD

MOVEMENT DISORDERS

8:20 Parkinson's Disease: Therapeutic Challenges and Opportunities
Adrienne Keener, MD

8:45 Parkinson's Disease and Essential Tremor: Indications and Timing for Surgery
Yvette M. Bordelon, MD, PhD

9:10 The UCLA Approach to Surgery for Movement Disorders: The Team, Techniques, Targets and Outcomes
Nader Pouratian, MD, PhD

9:35 Incisionless Alternatives: Radiosurgery and Focused Ultrasound
Ausaf Bari, MD, PhD

10:00 Dystonia: Emerging Treatment Options including TMS and Botulinum Toxin
Allan Wu, MD

10:30 Break

PAIN

10:50 New Approaches to Spinal Cord Stimulation: Burst and High Frequency
Irene Wu, MD

11:10 DRG Stimulation for CRPS
Joshua Prager, MD

11:30 Ablative Procedures for Pain: DREZ, Cordotomy, and Cingulotomy
Nader Pouratian, MD, PhD

11:50 Central Neuromodulation for Pain: MCS and DBS
Ausaf Bari, MD, PhD

12:10 Q&A on Pain Therapies

12:20 Lunch

EPILEPSY

1:10 Epilepsy Surgery Evaluation: Patterns and Indications
Dawn Eliashiv, MD

1:30 Resective Surgery and MR Guided Laser Ablation for Epilepsy
Itzhak Fried, MD, PhD

1:50 Vagus Nerve Stimulation for Epilepsy
Ausaf Bari, MD, PhD

2:10 Central Neuromodulation for Epilepsy
John Stern, MD

2:30 DBS for Cognitive Disorders: What the Future Holds
Itzhak Fried, MD, PhD

3:00 Break

TRIGEMINAL NEURALGIA AND HEADACHE

3:20 Trigeminal Neuralgia: MVD, SRS, and Percutaneous Options
Won Kim, MD

3:40 Neuromodulation for Headache
Jean-Philippe Langevin, MD

4:00 Nerve Decompression for Refractory Headaches
Reza Jarrahy, MD

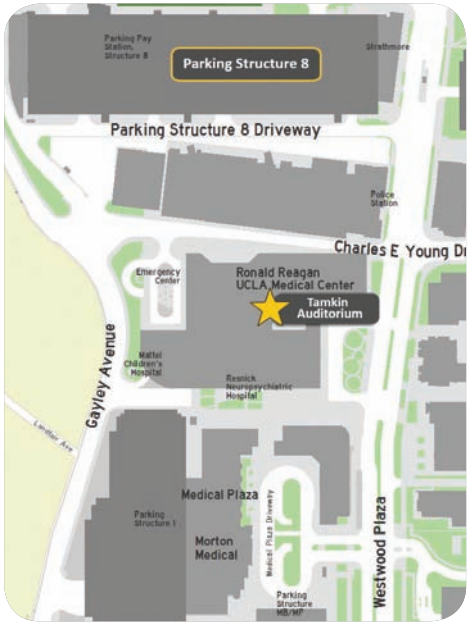
4:20 Botulinum Toxin and CGRP in the Management of Migraine
Charles Flippen II, MD, FAAN, FANA

4:40 Adjourn

COURSE LOCATION

Tamkin Auditorium - Ronald Reagan UCLA Medical Center

757 Westwood Plaza
Los Angeles, CA 90095



Parking and Directions:

From the 405 freeway, exit Wilshire Blvd., east toward Westwood. Turn left on Westwood Blvd., travel past Charles E. Young Dr. South and turn left on Structure 8 driveway. Drive up the ramp to the rooftop level to park. Please note your license plate and pay at the parking kiosk. Self-Parking is $12.

NEURAL INTERFACES FOR THERAPEUTIC INTERVENTIONS COURSE

COURSE# M178-13

Tuition:	Physicians	$150
	Nurses & Allied Health	$ 75
	Trainees	$ 25

Please print clearly

_____
Specialty Degree

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Name (First, Middle, Last)

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Address

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City, State, Zip

_____
(Area Code) Business Phone (Area Code) Fax Number

_____
E-mail Address

Last 4 digits of your Social Security Number _____

Course Enrollment Options

❑ Check enclosed, payable to: **Regents of the University of California**

❑ Please charge my credit card: ❑ AMEX ❑ Discover ❑ MasterCard ❑ Visa

_____
Card Number Exp. Date

Signature _____

Mail completed enrollment form to:

Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
NIFTI
10920 Wilshire Blvd., Suite 1060
Los Angeles, CA 90024

Fax enrollment form to: **310-794-2624**

Register **by phone** with an American Express, Discover, MasterCard or Visa: **310-794-2620**

Register **online** with an American Express, Discover, MasterCard or Visa:
www.cme.ucla.edu/courses

REFUNDS: Cancellations must be received in writing by January 5, 2018, and will be subject to a $50 processing fee. No refunds will be given after that date. If for any reason the course must be canceled, discontinued, or rescheduled by the Office of CME, a full refund will be provided.

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