



Saturday, February 25, 2023
USC Health Sciences Campus
Aresty Conference Center-Live
7:00 am-3:20 pm

7th Annual
USC Spine Symposium

Keck School of Medicine of **USC**

Presented By:
USC Spine Center
and USC Office of Continuing Medical Education

PROGRAM AGENDA

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

7:50 am **Welcome Remarks**
Patrick C. Hsieh, MD

Session I

Moderator: Patrick C. Hsieh, MD

8:00 am **Navigation and Robotics**
Patrick C. Hsieh, MD

8:20 am **Rehabilitation After Lumbar Fusion Surgery**
Joseph M. Derian, PT, DPT

8:40 am **Revision Spine Surgery/Failed Back Syndrome**
Mark J. Spoonamore, MD

9:00 am **New Technology: Interbody Device and Carbon Fiber**
Thomas C. Chen, MD, PhD

9:20 am **Spinal Cord Stimulator Advanced Waveforms**
Christopher C. Ornelas, MD

9:40 am **Question and Answer Session**

10:00 am **Break**

Moderator: David S. Cheng, MD

10:20 am **Surgical Treatments for Cervical Myelopathy**
Jeffrey C. Wang, MD

10:40 am **Rehabilitation After Cervical Spine Surgery**
Justin M. Lantz, DPT

11:00 am **Contemporary Topics in Spine Surgery MIS**
John C. Liu, MD

11:20 am **Innovations in Vertebral Augmentation**
David S. Cheng, MD

11:40 am **Question and Answer Session**

12:00 pm **Lunch**

Session II

Moderator: Kiran Alluri, MD

1:00 pm **Virtual and Augmented Reality in Spine Surgery**
Kiran Alluri, MD

1:20 pm **Risk Assessment and Genetic Age in Spine Surgery**
Michael Safaee, MD

1:40 pm **The Benefits of Lumbar Single Position Surgery**
Raymond J. Hah, MD

2:00 pm **Physical Therapy Management of Low Back Pain: An Update for Clinical Practice**
Joseph M. Derian, PT, DPT

2:20 pm **Perioperative Medical Management**
Ronald Kall, MD

2:40 pm **An Update on SI Joint Treatments and Paradigms**
Gene Tekmyster, DO

3:00 pm **Question and Answer Session**

3:15 pm **Closing Remarks**

3:20 pm **Adjourn**

FACULTY

COURSE DIRECTORS

Keck School of Medicine of USC

Christopher C. Ornelas, MD

Assistant Professor of Orthopaedic &
Neurologic Surgery
USC Spine Center
Department of Orthopaedic Surgery

Kiran Alluri, MD

Assistant Professor of
Clinical Orthopaedic Surgery
USC Spine Center

Patrick C. Hsieh, MD

Professor of Neurological and
Orthopaedic Surgery
USC Spine Center
Department of Neurological Surgery

David S. Cheng, MD

Clinical Associate Professor
of Neurological Surgery
USC Spine Center
Department of Surgery

KECK SCHOOL OF MEDICINE

Faculty

Thomas C. Chen, MD, PhD

Professor of Neurological and
Orthopaedic Surgery
USC Spine Center
Department of Neurological Surgery
Department of Pathology

Joseph M. Derian, PT, DPT, OCS

Assistant Professor of Clinical Physical Therapy
USC Division of Biokinesiology
and Physical Therapy

Raymond J. Hah, MD

Assistant Professor of Orthopaedic
and Neurological Surgery
USC Spine Center
Department of Orthopaedic Surgery

Ronald Kall, MD

Clinical Associate Professor of Medicine
Department of Medicine

Justin M. Lantz, DPT

Assistant Professor of Clinical
Physical Therapy and Family Medicine
Department of Family Medicine

John C. Liu, MD

Professor of Neurological &
Orthopaedic Surgery
USC Spine Center
Department of Neurological Surgery

Michael Safaee, MD

Assistant Professor of Clinical
Neurological Surgery
Department of Neurological Surgery

Mark J. Spoonamore, MD

Associate Professor of Orthopaedic
and Neurological Surgery
USC Spine Center
Department of Orthopaedic Surgery

Gene Tekmyster, DO

Assistant Professor of Orthopaedic Surgery
USC Spine Center
Department of Orthopaedic Surgery

Jeffrey C. Wang, MD

Professor of Orthopaedic & Neurological Surgery
USC Spine Center
Department of Orthopaedic Surgery

COURSE DESCRIPTION

The USC Spine Symposium aims to provide information and education on the management of spinal disorders to clinical practitioners and researchers. The program is an all-day event with didactic lectures, group discussions and question and answer sessions with participants. Topics covered include the natural history of various spinal disorders, the diagnostics workup and imaging of spinal diseases, and medical and surgical treatment of commonly encountered spinal diseases in the clinical setting.

COURSE OBJECTIVES

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

- Identify appropriate workup, diagnostic options and imaging modalities for cervical, thoracic and lumbar spinal disorders.
- Examine non-surgical management and medical treatment options for spinal diseases including advanced interventional techniques.
- Assess the data and efficacy of surgical treatment of various spinal disorders.
- Examine complex surgical case management including intraoperative neuromonitoring, intraoperative imaging and anesthetic management.

TARGET AUDIENCE

This course is intended for physician assistants, physical therapists, occupational therapists, internists, family practitioners, rheumatologists, neurologists, physiatrists, pain specialists, orthopedic surgeons, neurosurgeons and spine surgeons.

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 6.25 *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 6.25 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.

REGISTRATION FORM

7th Annual USC Spine Symposium Live Conference - February 25, 2023



Live Early-Bird Registration closes February 21, 2023 at 12:00 pm PST.
Tuition: \$150 MD/DO \$100 RN/AH
\$100 NP/PA/APP \$75 Resident/Fellow

On-Site Registration: February 25, 2023 at 7:00 am.

\$175 MD/DO \$125 NP/PA/APP \$125 RN/AH \$75 Resident/Fellow

Cancellation: Cancellations must be received by the USC Office of CME (fax or email) by February 21, 2023, 12:00 pm PST for a refund. A \$50 cancellation fee will be applied. 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: \$20 at Biggy Parking Structure (P8): 1334 Biggy Street at Zonal Avenue, Los Angeles, on the USC Health Sciences Campus

Register: **Mail:** 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Mail-in registration must be postmarked by February 21, 2023.
Online: keckusc.cloud-cme.com/spine2023 **Visa or Mastercard only.**
Phone: (323) 442-2555 | **Fax:** 1 (888) 665-8650. **AMEX, Mastercard, Visa**
Email: usceme@usc.edu
On-site: Available February 25, 7:00 am, Aresty Conference Center.

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 February 21, 2023)
 Credit Card (American Express by Fax/Phone/Mail only, Mastercard or Visa online)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____



Keck School of Medicine of USC

Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033



7th Annual USC Spine Symposium February 25, 2023

Live Conference
USC Health Sciences Campus
Aresty Conference Center
1450 Biggy Street, Los Angeles, CA 90033

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