



**Saturday, September 27, 2025**  
**USC Health Sciences Campus**  
**Aresty Conference Center-Live**  
**7:00 am-3:20 pm**

**8<sup>th</sup> 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**  
*Raymond J. Hah, MD and  
Gene Tekmyster, DO, MBA*

## Session I: Back to Basics

*Moderator: Gene Tekmyster, DO, MBA*

8:00 am **What Spine Surgery Cannot Do**  
*Raymond J. Hah, MD*  
8:15 am **Hip-Spine Syndrome**  
*Emily S. Mills, MD*  
8:30 am **Pain Psychology**  
*Faye Weinstein, PhD*  
8:45 am **Is There Such a Thing as Proper Pain Management**  
*Michael Bottros, MD*  
9:00 am **The Importance of Preoperative Optimization**  
*Kiran Alluri, MD*  
9:15 am **Post-Operative Rehabilitation for Spine Surgery**  
*Joseph M. Derian, DPT*  
9:30 am **Questions and Answers**  
10:00 am **Break**

## Session II: The Art of Spine Surgery

*Moderator: Raymond J. Hah, MD*

10:15 am **My Best and Worst Cases of 2025**  
*Mark J. Spoonamore, MD*  
10:30 am **Motion Preservation in the Cervical Spine**  
*Jeffrey C. Wang, MD*  
10:45 am **Tarlov Cysts: Incidental Finding or Treatable Pathology?**  
*Thomas C. Chen, MD, PhD*  
11:00 am **Approaches to Revision Spine Surgery**  
*Michael Safaee, MD*  
11:15 am **Lessons Learned in the Treatment of Spinal Chordoma**  
*Patrick C. Hsieh, MD*  
11:30 am **A Reflection of 25 Years in Practice**  
*John C. Liu, MD*  
11:45 am **Questions and Answers**  
12:00 pm **Lunch**

## Case-Based Learning

*Moderator: Raymond J. Hah, MD*

1:00 pm **Case Discussion**  
*Joseph M. Derian, DPT  
John C. Liu, MD  
Gene Tekmyster, DO, MBA  
Jeffrey C. Wang, MD*

## Session III: Hot Topics in Spine

*Moderator: Kiran Alluri, MD*

2:00 pm **Advanced Interventional Treatments for Spinal Pathology (SCS/Intrathecal)**  
*Gene Tekmyster, DO, MBA*  
2:15 pm **Stem Cells/Regenerative Treatments**  
*Shounuck Patel, DO*  
2:30 pm **Artificial Intelligence in Spine**  
*Raymond J. Hah, MD*  
2:45 pm **The Five Hottest Practice-Changing Developments in Spine Surgery**  
*Kiran Alluri, MD*  
3:00 pm **Questions and Answers**  
3:15 pm **Closing Remarks**  
3:20 pm **Adjourn**

---

# FACULTY

## COURSE DIRECTORS

### Keck School of Medicine of USC

**Raymond J. Hah, MD**

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

**Gene Tekmyster, DO, MBA**

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

## KECK SCHOOL OF MEDICINE OF USC

### Faculty

**Kiran Alluri, MD**

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

**John C. Liu, MD**

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

**Michael Bottros, MD**

Professor of Anesthesiology  
Department of Anesthesiology

**Michael Safaei, MD**

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

**Thomas C. Chen, MD, PhD**

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

**Mark J. Spoonamore, MD**

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

**Patrick C. Hsieh, MD**

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

**Jeffrey C. Wang, MD**

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

**Faye Weinstein, PhD**

Associate Professor of  
Anesthesiology and Psychiatry  
Department of Anesthesiology  
and Psychiatry

## GUEST

### Faculty

**Joseph M. Derian, DPT**

Assistant Professor of  
Clinical Physical Therapy  
USC Division of Biokinesiology and  
Physical Therapy  
Herman Ostrow School  
of Dentistry of USC

**Emily S. Mills, MD**

Assistant Professor of  
Orthopaedic Surgery  
Department of Orthopaedic Surgery  
School of Medicine  
University of California, Irvine  
Irvine, CA

**Shounuck Patel, DO**

The Patel Center  
for Functional Regeneration  
Newport Beach, CA

---

## 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

## 8<sup>th</sup> Annual USC Spine Symposium: Live Conference- September 27, 2025

Early-bird price for live registration ends September 23, 2025 at 12:00 pm, PDT. To register after September 23, 2025: Register on-site on September 27, 2025, at the venue.

### Tuition:

MD/DO

NP/PA/APP or RN/AH or PT

Resident/Fellow

### Early-Bird

☐ \$150

☐ \$100

☐ \$50

### After September 23

☐ \$175

☐ \$125

☐ \$50



### Cancellation:

Cancellations must be received by the USC Office of CME (fax or email) by September 23, 2025, 12:00 pm PDT for a refund. A \$50 cancellation fee will be applied. In the event of course cancellation by conference organizers, 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 Los Angeles, CA 90033. Parking is contactless and there will not be an attendant on duty. Follow the signs with these instructions: Park in any unmarked space. Text **BGGY to 25023**. Enter your license plate and payment details.

### Register:

#### Mail:

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

Mail-in registration must be postmarked by September 23, 2025.

#### Online:

keckusc.cloud-cme.com/spine2025

Visa or Mastercard only

#### Phone:

(323) 442-2555 | Fax: (323) 442-3734

AMEX, Mastercard or Visa

#### Email:

usceme@usc.edu

#### On-site:

Available September 27, 7:00 am, Aresty Conference Center.

NAME \_\_\_\_\_ DEGREE \_\_\_\_\_

MEDICAL LICENSE NUMBER \_\_\_\_\_

TELEPHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SPECIALTY \_\_\_\_\_

EMAIL ADDRESS\* \_\_\_\_\_

INSTITUTIONAL AFFILIATION \_\_\_\_\_

SPECIAL DIETARY OR PHYSICAL NEEDS \_\_\_\_\_

We strive to accommodate dietary recommendations. Please note that not all food items may meet special requirements. Food items will be labeled for your convenience. \*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 September 23, 2025)

☐ 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



## **8<sup>th</sup> Annual USC Spine Symposium** **September 27, 2025**

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