

2017 USC Spine Symposium



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Saturday, April 8, 2017

Ritz Carlton, Marina Del Rey

4375 Admiralty Way

Marina Del Rey, CA 90292

Presented by:

USC Spine Center

USC Office of Continuing Medical Education

Keck School of
Medicine of **USC**

COURSE DESCRIPTION

The USC Spine Symposium aims to provide information and education on 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 the participant. Topics covered include the natural history of various spinal disorders, the diagnostic workup and imaging of spinal diseases, and medical as well as surgical treatment of commonly encountered spinal diseases in the clinical setting.

TARGET AUDIENCE

This course is intended for primary care physicians and physician assistants, internists, family practitioners, rheumatologists, neurologists, neurosurgeons, orthopedic surgeons, spine surgeons, pain specialists, physiatrists, anesthesiologists, oncologists and radiation oncologists.

PROGRAM

7:30 am **Registration and Continental Breakfast**

8:00 am **Introduction**

Christopher C. Ornelas, MD, Frank L. Acosta, Jr., MD, Raymond J. Hab, MD

Session 1: Initial Workup and Conservative Treatment

Moderator: Christopher C. Ornelas, MD

8:05 am **Spine Anatomy and Physical Exam**

Leah Lovely, PA-C

8:20 am **Imaging of the Spine**

Wende N. Gibbs, MD, MS

8:35 am **EMG/NCS**

Soma Sahai-Srivastava, MD

9:00 am **Lifestyle Redesign and Stress Management**

Tara Perry, OTD, OTR/L and Kimberly Lenington, OTD, OTR/L

9:15 am **Physical Therapy and Posture**

Vahishta Katrak, PT, DPT

9:30 am **Pain Management: Medications and Screening**

Edward K. Pang, DO, MS

9:45 am **Spine Center Care Pathways**

Christopher C. Ornelas, MD

10:00 am **Question and Answer Session**

10:10 am **Break**

Session 2: Advanced Interventional Techniques

Moderator: Christopher C. Ornelas, MD

10:30 am **Neck Pain and Headaches**

Lauren Green, DO, RD

10:45 am **Cervical Spine Injections**

Edward K. Pang, DO, MS

- 11:00 am **Lumbar Spine Injection**
Wende N. Gibbs, MD, MS
- 11:15 am **SIJ Pain: Diagnosis and Treatments**
Christopher C. Ornelas, MD and Raymond J. Hab, MD
- 11:30 am **Question and Answer Session**
- 11:45 am **Lunch**

Working Lunch Session

- 12:00 pm **Optimization of Spine Patients**
Ronald Kall, MD
- 12:15 pm **Compression Fractures and Osteoporosis**
Raymond J. Hab, MD
- 12:30 pm **Multidisciplinary Rehabilitation Optimization and Disposition Barriers**
Steven J. Hsu, MD
- 12:45 pm **Spine Center Vision**
Jeffrey C. Wang, MD and John C. Liu, MD

Session 3: Degenerative Surgical Management

Moderator: Frank L. Acosta, Jr., MD

- 1:00 pm **Cervical Fusion and Arthroplasty**
Thomas C. Chen, MD, PhD
- 1:15 pm **Treatment of Cervical Myelopathy**
Mark J. Spoonamore, MD
- 1:30 pm **Minimally Invasive Decompression and Fusion Techniques**
John C. Liu, MD
- 1:45 pm **Postoperative Complications in Spine Surgery**
Jeffrey C. Wang, MD
- 2:00 pm **Question and Answer Session**
- 2:15 pm **Break**

Session 4: Complex Case Management

Moderator: Raymond J. Hab, MD

- 2:30 pm **When Degenerative Conditions Become Deformity**
Frank L. Acosta, Jr., MD
- 2:45 pm **Spinal Cord and Peripheral Nerve Stimulation**
Christopher C. Ornelas, MD and Thomas C. Chen, MD, PhD
- 3:00 pm **Controversies in Anesthetic Management of Complex Spine Procedures**
Dimiter Arnaudov, MD
- 3:15 pm **Increasing Surgical Precision and Safety (Navigation, O-Arm, Blood Management)**
Raymond J. Hab, MD
- 3:25 pm **Neuromonitoring**
Andres A. Gonzalez, MD, MMM
- 3:35 pm **Management of Urgent and Emergent Spinal Conditions**
Patrick C. Hsieh, MD
- 3:50 pm **Question and Answer Session**
- 4:00 pm **Adjourn**

COURSE FACULTY

COURSE DIRECTORS

Frank L. Acosta, Jr. MD

Associate Professor of Neurological Surgery
USC Spine Center
Department of Neurosurgery
Keck School of Medicine of USC

Raymond J. Hah, MD

Assistant Professor of Orthopaedic Surgery
USC Spine Center
Department of Orthopaedic Surgery
Keck School of Medicine of USC

Christopher C. Ornelas, MD

Assistant Professor of Orthopaedic Surgery
Chief of Spine Medicine
USC Spine Center
Department of Orthopaedic Surgery
Keck School of Medicine of USC

GUEST FACULTY

Vahishta Katrak, PT, DPT

Physical Therapist
Stanford Health Care

Edward K. Pang, DO, MS

Clinical Professor in Pain Medicine, Physical
Medicine & Rehabilitation
VA Greater Los Angeles Healthcare System
Department of Physical Medicine &
Rehabilitation

KECK SCHOOL OF MEDICINE FACULTY

Dimiter Arnaudov, MD

Clinical Associate Professor of
Anesthesiology
Department of Anesthesiology

Thomas C. Chen, MD, PhD

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

Wende N. Gibbs, MD, MS

Assistant Professor of Neuroradiology
Director of Spine Imaging and Intervention
Keck Medical Center of USC

KECK SCHOOL OF MEDICINE FACULTY

Andres A. Gonzalez, MD, MMM

Assistant Professor of Neurology
Director of Surgical Neurophysiology
Program
Department of Neurology

Lauren Green, DO, RD

Assistant Professor of Neurology
Director of Concussion Program
Neurologist, USC Headache Program
Department of Neurology

Patrick C. Hsieh, MD

Associate Professor of Neurosurgery
Director of Neurosurgery Spine Program
Department of Neurological Surgery

Steven J. Hsu, MD

Associate Medical Director,
Inpatient Rehabilitation Unit
Clinical Assistant Professor of Neurology
Department of Neurology

Ronald Kall, MD

Clinical Assistant Professor of Medicine
Spine and Pain Management Hospitalist
Division of Geriatric, Hospital, Palliative and
General Internal Medicine

Kimberly Lenington, OTD, OTR/L

Occupational Therapy: Optimizing Daily
Function
USC Mrs. T.H. Chan Division of Occupa-
tional Science and Occupational Therapy

John C. Liu, MD

Professor of Neurosurgery
Co-Director, USC Spine Center
Department of Neurological Surgery

Leah Lovely, PA-C

Neurosurgery Spine Physician Assistant
Department of Neurosurgery

Tara Perry, OTD, OTR/L

Occupational Therapy: Optimizing Daily
Function
USC Mrs. T.H. Chan Division of Occupa-
tional Science and Occupational Therapy

Soma Sahai-Srivastava, MD, FANA, FAHS

Associate Professor of Neurology
Medical Director, Neurology Clinics
Director, Headache Program
Headache and Neuralgia Center
Department of Neurology

COURSE FACULTY

KECK SCHOOL OF MEDICINE FACULTY

Mark J. Spoonamore, MD

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

Jeffrey C. Wang, MD

Professor of Orthopaedic Surgery
Chief, Orthopaedic Spine Service
Co-Director, USC Spine Center
Department of Orthopaedic Surgery

COURSE OBJECTIVES

At the conclusion of the program the participant should be able to:

- Outline the course and workup of spinal disorders (cervical, thoracic and lumbar), including advanced interventional techniques, degenerative spine diseases, degenerative surgical management, spinal deformity, complex case management, minimally invasive surgery, spinal cord and peripheral nerve stimulation, anesthetic management of complex spine and neuromonitoring.
- Identify appropriate workup, diagnostic options, imaging modalities for spinal diseases.
- Examine non-surgical management and medical treatment options for spinal diseases.
- Assess the data and efficacy of surgical treatment of various spinal disorders.
- Examine complex case management, intraoperative neuromonitoring, intraoperative imaging and anesthetic management.

REGISTRATION INFORMATION

Conference Location

Ritz Carlton, Marina Del Rey
4375 Admiralty Way, Marina Del Rey, CA 90295
(310) 823-1700

Tuition

Early bird registration closes April 3, 2017 at noon PST.

\$125-MD, DO
\$100-Nurses, Allied Health Professionals
\$50-Residents, Fellows

After April 3, 2017, noon PST please register onsite at the Ritz Carlton in Marina Del Rey on April 8, 2017.

\$150-MD, DO
\$125-Nurses, Allied Health Professionals
\$50-Residents, Fellows

Register for Course

Mail completed registration form and payment to:
Office of CME, 1540 Alcazar Street, CHP 223, Los Angeles, California, 90033
Online: www.usc.edu/cme, Go to "Quick Links," Click on Conference Calendar
Phone: (323) 442-2555 or Toll-Free: 1 (800) USC-1119
Email: uscme@usc.edu
Fax: 1 (888) 665-8650
On site: April 8 at the Ritz Carlton, Marina Del Rey

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 7.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP00105 for 7.25 contact hours.

REGISTRATION FORM

2017 USC Spine Symposium: April 8, 2017

Ritz Carlton, Marina Del Rey: 4375 Admiralty Way, Marina Del Rey, CA

NAME _____

DEGREE _____ MEDICAL LICENSE# _____

TELEPHONE _____ FAX _____

ADDRESS _____

CITY _____ STATE _____

ZIP CODE _____ SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

SPECIAL DIETARY OR PHYSICAL NEEDS _____

* Correspondence and confirmations are sent by email.

TUITION:

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\$150-MD, DO, \$125-Nurses, Allied Health Professionals, \$50-Residents, Fellows

Credit Card (Visa or Mastercard only)

Check (Payable to USC)

Visa/Mastercard # _____

Expiration Date _____ Three digit security code on back of card _____

Authorized Signature _____ Amount \$ _____

CANCELLATION POLICY:

Registration cancellations must be received by the USC Office of CME (fax or email) by April 3, 2017 12:00 pm PST for a refund of tuition to be issued. A \$25 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.

Keck School of Medicine of USC

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



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