11th ANNUAL

UCSF Techniques in Complex Spine Surgery Course

Vdara Hotel • Las Vegas, Nevada

Friday - Saturday November 4-5, 2022

DIRECTORS
Vedat Deviren, MD
Professor of Orthopaedic Surgery • UCSF Spine Center
Christopher P. Ames, MD
Professor of Neurological Surgery • UCSF Spine Center

HONORED GUEST SPEAKERS
Sigurd H. Berven, MD
Wende Gibbs, MD
The 2022 UCSF Techniques in Complex Spine Surgery Course is a two-day course emphasizing pioneering trends in spinal surgery. This course is designed to be interactive with didactic lectures given by leaders in the spine community as well as a hands-on bioskills lab portion. Participants will review and practice surgical principles and techniques in the treatment of spinal deformities and tumors. As a result of hands-on sessions and case conferences, residents, fellows, and surgeons with less than an advanced level of experience will have improved skills in cases dealing with complex spinal deformities.

TARGET AUDIENCE
Orthopaedic and neurosurgeons as well as their clinical support team and surgeons in training in the specialty of spine surgery.

OBJECTIVES
An attendee completing this course will increase skills and strategies to:

• Identify the indications, applications and surgical techniques for posterior column osteotomies, interbody fusion techniques, and transpedicular osteotomy and corpectomy techniques for spinal reconstruction;

• Evaluate and treat pain related to spinal disorders in a cost-effective and reliable manner based on recently published guidelines;

• Evaluate and treat lumbar degenerative disease and deformity in a cost-effective manner based on an evidence based approach, and avoid case-to-morbidity risk;

• Identify risk factors that may predispose individuals to perioperative.

ACCREDITATION
The University of California, San Francisco (UCSF) School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 13.75 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.

Nurses
For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME.

Physician Assistants
AAPA accepts category 1 credit from AOACCME. Prescribed credit from AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

Pharmacy:
The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credits™.
GENERAL INFORMATION
Advance registration closes three (3) business days prior to start of course.

HOW TO ENROLL
$825  Practicing Physicians
($925 after 9/4/2022)

$775  Nurses, Pharmacists, Allied Health Professionals
($875 after 9/4/2022)

$675  Residents, Fellows
($775 after 9/4/2022)

* On-site registration will be $75 additional.
Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to:
UCSF Office of CME, Box 0742
490 Illinois Street, Floor 8
San Francisco, CA 94143

Phone: To register by phone or to inquire about your registration status, please call the UCSF CME Registration Office at (415) 476-5808.

REFUND POLICY
Cancellations received in writing before November 1, 2022 will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION
Enjoy Las Vegas’ renowned attractions such as the historic Fremont Street, shopping in CityCenter, or the world-famous Strip. Vdara Hotel is located in the CityCenter, an urban community filled with fine art and spectacular architecture. CityCenter is a place of high-tech meeting spaces, brilliant residences, world-class spas, extraordinary dining, modern art, and seductive bars.

A block of guestrooms has been reserved at the special UCSF conference rate of $195 for Thursday and Friday night, and $225 a night on Saturday night, plus a daily resort fee of $45.00. You are urged to make your reservations early. The cut-off date is October 3, 2022, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations on-line, go to cme.ucsf.edu and click on the hotel link in the Travel & Lodging section of the course webpage.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

RENTAL CAR
Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0138 or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION
UCSF has negotiated special fares with United Airlines for our course attendees. You may use the following offer code to book on your own:
United – www.united.com code: ZK47190520
FRIDAY NOVEMBER 4, 2022

7:30 am  Registration and Continental Breakfast

8:00  Welcome
Christopher Ames, MD
Vedat Deviren, MD

8:05  Coronal Alignment in ASD
Alekos Theologis, MD

8:25  Degenerative Pathology as a Gateway to Deformity
Michael Venezia, MD

8:45  Frailty and Minimally Invasive Spine Surgery: Predicting Outcomes
Aaron Clark, MD

9:05  Sagittal Plane Alignment Targets
Michael Kelly, MD

9:25  Honored Speaker Introduction
Christopher Ames, MD

9:30  Latest Developments in Neurospinal Radiology that May Impact Spine Care
Wende Gibbs, MD

10:00  Question and Answer

10:20  Coffee Break

10:40  Prone Transpsoas and/or Lateral Surgery for Deformity/Thoracolumbar Reconstruction
Isaac Moses, MD

11:00  Advancements in Pediatric Idiopathic Scoliosis Surgery
Darryl Lau, MD

11:20  Management of Complex Post-Op Wound Infection
Daniel Cavanaugh, MD

11:40  Question and Answer

12:00 pm  Lunch

1:30  Thoracolumbar En Bloc Tumor Resection
John Shin, MD

1:50  Adult Deformity Surgery Update
Han Jo Kim, MD

2:10  Restoration of Coronal Balance in Spine Deformity Surgery
Lee Tan, MD

2:30  PJK Prevention in Lower Thoracic to Pelvis Fusion
Kevork Hindoyan, MD

2:50  Robotics and Navigation in 2022: Challenges with Full Scale Adoption
Rajiv Sethi, MD

3:10  Honored Speaker Introduction
Vedat Deviren, MD

3:15  Precision Care – From CPGs to AUC to Predictive Models
Sigurd Berven, MD

3:45  Coffee Break

4:05  AI in Adult and Pediatric Spinal Deformity Surgery
Michael Weber, MD

COURSE CO-CHAIRS
Vedat Deviren, MD
Professor, Clinical Orthopaedic
UCSF Department of Orthopaedic Surgery
Christopher P. Ames, MD
Professor of Neurological Surgery and Orthopaedic Surgery
Director of Spinal Deformity & Spine Tumor Surgery
Co-director, Spinal Surgery and UCSF Spine Center
Director, California Deformity Institute; Director, Spinal Biomechanics Laboratory

HONORED FACULTY
Sigurd Berven, MD
Professor of Orthopaedic Surgery; Chief of Orthopaedic Spine Service
Wende Gibbs, MD
Senior Associate Consultant Assistant Professor in Neuroradiology at the Mayo Clinic in Arizona
Daniel Cavanaugh, MD
Assistant Professor of Orthopedics University of Maryland Medical System (UMMS)
Aaron Clark, MD, PhD
Associate Professor of Neurological Surgery, UCSF
Kevork Hindoyan, MD
Spine Surgeon Huntington Hospital, CA
Michael Kelly, MD
Director of Scoliosis and Spine Deformities Division of Orthopedics & Scoliosis at Rady Children’s Hospital San Diego, CA

COURSE FACULTY (CONT’D)
Han Jo Kim, MD
Associate Professor Fellowship Director, Hospital for Special Surgery New York, NY
Eric Klineberg, MD
Professor and Vice Chair of Administration Chief of Service - Spine
Darryl Lau, MD
Spine Surgeon NYU Langone Health
Bryan S. Lee, MD
Spine Surgeon Barrow Neurological Institute Barrow Brain and Spine
Isaac Moses, MD
Chair, Department of Orthopaedic Surgery, Associate Professor of Orthopaedic Surgery, Co-Director, Comprehensive Spine Center Program Director, UConn Spine Surgery Fellowship UConn School of Medicine
FRIDAY NOVEMBER 4 2022 (CONT’D)

4:25  Adult Deformity Complications How to Prevent It?  Eric Klineberg, MD
4:45  Peri-operative Optimization of Patients with Adult Spinal Deformity  Bryan Lee, MD
5:05  Case Discussion
5:35  Questions and Answers
5:55 pm Adjourn/Reception (included in Tuition for Attendees)
6:00 pm Reception

SATURDAY NOVEMBER 5, 2022

Session One: Cadaver Lab
8:00 am  Continental Breakfast and Change into Scrubs
9:00 am – 12:00 pm  Group A: Cadaver AM Session
9:00 am – 12:00 pm  Session Group B: Lecture and Case Presentations  Moderators: Dr. Sigurd Berven, Dr. Aaron Clark, and Dr. Lionel Metz
12:00 pm  Lunch included with tuition

Session Two: Cadaver Lab
1:00 pm – 4:00 pm  Group A: Lecture and Case Presentations  Moderators: Dr. Eric Klineberg, Dr. Keork Hindoyan, and Dr. John Shin
1:00 pm – 4:00 pm  Group B: Cadaver PM Session
4:00 pm  Course Adjourns (shuttles return to Vdara and Airport)

Cadaver Stations to include:
• Anterior exposure and LIF / Lateral and Oblique Interbody Fusion
• C1-C2 Screw placement/Cervical Osteotomy
• TL PSO VCR/ Thoracolumbar PSO/VCR
• Pelvic Fixation/En Bloc Resection techniques
• Posterior Pedicle Screw Fixation/Post Osteotomy/Screws

COURSE FACULTY (CONT’D)
Rajiv Sethi, MD  Clinical Professor, Health Systems and Population Health  Chair of the Virginia Mason Neuroscience Institute  Director of Spine Research  Director of Complex Spine Surgery  Departments of Neurosurgery and Orthopaedics  Virginia Mason Medical Center
John H. Shin, MD  Director, Spine Oncology & Deformity Surgery  Massachusetts General Hospital  Boston, MA
Lee A. Tan, MD  Assistant Professor of Neurosurgery  UCSF Medical Center  San Francisco, CA
Alekos Theologis, MD  Assistant Professor, UCSF Department of Orthopaedic Surgery
Michael Venezia, MD  Spine Surgeon  Clearwater Spine Florida
Michael Weber, MD  Assistant Professor, Department of Surgery  McGill University Staff Orthopaedic Surgeon  Montreal General Hospital
COURSE REGISTRATION FORM • MOR23004
11th Annual UCSF Techniques in Complex Spine Surgery Course
November 4-5, 2022
Vdara Hotel • Las Vegas, NV

Mail to: UCSF Office of CME
490 Illinois Street, Fl 8
San Francisco, CA 94143
Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs. ☐ Mx.

LAST NAME FIRST M.I.

DEGREE SPECIALTY

ADDRESS

CITY STATE ZIP

DAYTIME PHONE FAX

EMAIL

Address Label Code Letter (see address label: example, A, B, C, D, etc.) ___________________

Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: ______ / ______ / XX

☐ Please indicate if you have any special needs: ____________________________________

Registration Fees (Receipt/Confirmation will be mailed within two to four weeks):

☐ $825 Physicians
☐ $925 Physicians (after 9/4/2022)
☐ $775 Nurses/Pharmacist/Allied Health Professionals
☐ $875 Nurses/Pharmacist/Allied Health Professionals (after 9/4/2022)
☐ $675 Residents/Fellows
☐ $775 Residents/Fellows (after 9/4/2022)
☐ $1000 Industry Representatives

Check enclosed payable to UC Regents

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx for $ ______________________

_________________________________________________________

CARD # EXPIRATION DATE

NAME ON CARD (PLEASE PRINT) AUTHORIZED SIGNATURE

Refund Policy: Cancellations received in writing before November 1, 2022 will be refunded,
less a $75 administrative fee. No refunds will be made on cancellations received after that date.
Please check our website for up to date information on the course: cme.ucsf.edu

VDARA HOTEL & SPA
2600 W. Harmon Avenue
Las Vegas, NV 89158
(866) 745-7767
www.vdara.com

Please refer to our website cme.ucsf.edu for additional information.