

13th ANNUAL

UCSF Techniques in Complex Spine Surgery Course



DIRECTORS

Christopher P. Ames, MD

Professor of Neurological Surgery • UCSF Spine Center

Vedat Deviren, MD

Professor of Orthopaedic Surgery • UCSF Spine Center

UCSF



Friday - Saturday **November 8-9, 2024**

Vdara Hotel • Las Vegas, Nevada

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UCSF Techniques in Complex Spine Surgery Course

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The 2024 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. Participants will review surgical principles and techniques in the treatment of spinal deformities and tumors. As a result of the case conferences with national and international leaders in spine surgery, 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

In support of improving patient care, the University of California, San Francisco is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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

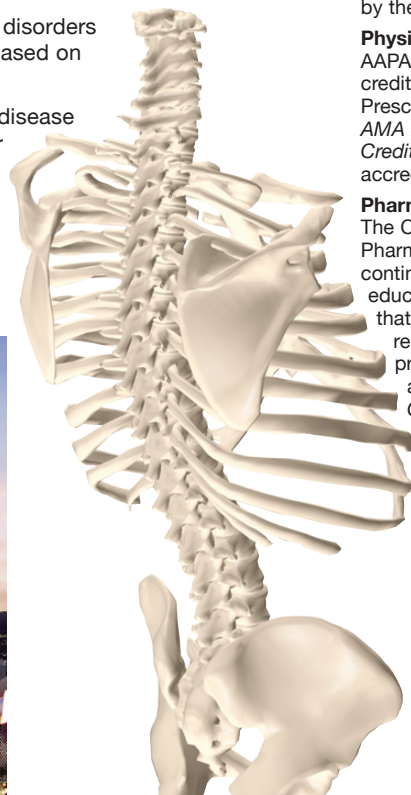
For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credits™* issued by organizations accredited by the ACCME.

Physician Assistants

AAPA accepts category 1 credit from AOACCEM, 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™*





FRIDAY NOVEMBER 8, 2024

7:30 am	<i>Registration and Continental Breakfast</i>	
8:00	Welcome and Introduction	Christopher Ames, MD Vedat Deviren, MD
8:05	Frailty and Minimally Invasive Spine Surgery: Predicting Outcomes	Aaron Clark, MD
8:25	Minimally Invasive Deformity Surgery: What It Is and What It Isn't	Nima Alan, MD
8:45	Lymph Leaks and ALIF	Clara Gomez- Sanchez, MD
9:05	Honored Speaker Introduction	Vedat Deviren, MD
9:10	Sagittal Alignment: Balance and Failure	Michael Kelly, MD
9:40	Question and Answer	
10:00	<i>Coffee Break</i>	
10:20	The Effect of ROM on Outcomes in Spinal Deformity Patients	Shane Burch, MD
10:40	Implementing Robotic Navigation and Custom Implants for Complex Revision and De Novo Deformity	Kevin Taliaferro, MD
11:00	Application of Principles of Precision Medicine to Spine Surgery	Sigurd H. Berven, MD
11:20	Lumbar PSOs – What's The Best Reconstructive Technique?	Alekos Theologis, MD
11:40	Question and Answer	
12:00 pm	<i>Lunch</i>	
1:00	From Amazon to Medical Device Chief Technology Officer: My Journey Into Healthcare AI Non CME Lecture	Ken Washington, MD, PhD
1:20	Leadership and Change: Lessons Learned from a Career in Spinal Innovation Non CME Lecture	Patrick S. Miles, MD
1:40	Pre-Op Planning in Pediatric Spinal Deformity	Lionel Metz, MD
2:00	Rational Use of Robotics/Navigation in Spine Deformity Surgery: How Measure Quality, Value and Safety	Rajiv Sethi, MD
2:20	Establishment and Application of Normative Alignment: Lessons Learned from the University of Calgary Normative Database	Fred Nicholls, MD
2:40	Honored Speaker Introduction	Vedat Deviren, MD
2:45	Finding the Unknown Unknowns: Risk Stratification in Spinal Deformity Surgery	Michael Kelly, MD
3:15	Correction Techniques in Adult Spinal Deformity Surgery	Han Jo Kim, MD

COURSE CO-CHAIRS

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

Vedat Deviren, MD
Professor, Clinical Orthopaedic UCSF Department of Orthopaedic Surgery

COURSE FACULTY

(University of California, San Francisco unless indicated)

Nima Alan, MD
Assistant Professor of Neurological Surgery

Sigurd H. Berven, MD
Professor of Orthopaedic Surgery; Chief of Orthopaedic Spine Service

Shane Burch MD, MSc
Professor in Residence
Spine Fellowship Director
Department of Orthopedic Surgery
UCSF

Aaron Clark, MD, PhD
Associate Professor of Neurological Surgery
San Francisco, CA

Clara Gomez-Sanchez, MD
Assistant Professor of Surgery
UCSF Vascular Surgery

Michael Kelly, MD

Director of Scoliosis and Spinal Deformities
Division of Orthopedics & Scoliosis at Rady Children's Hospital
San Diego, CA

Han Jo Kim, MD

Professor of Orthopaedic Surgery
Director, Spine Fellowship
Hospital for Special Surgery
New York, NY

Patrick R. Maloney, MD

Associate Professor, UCSF
Department of Neurosurgery
Chief of Neurosurgery and Medical
Director Neurosciences, NorthBay
Health

Lionel N. Metz, MD

Pediatric and Adult Spine Surgeon
Associate Professor of Orthopaedic
Surgery; University of California,
San Francisco
San Francisco, CA



FRIDAY NOVEMBER 8 2024 (CONT'D)

3:35 pm	<i>Coffee Break</i>	
3:55	Osteoporosis in Spinal Deformity Patients: The Role of Cement Augmentation	Rayshad Oshtory, MD
4:15	Update on Biologic Adjuvants in Spinal Deformity	Kyle Mitsunaga, MD
4:35	Treatment Strategies of CSM and OPLL	Lee Tan, MD
4:55	Adult Spinal Deformity Practice in a VA Population	Patrick Maloney, MD
5:15	Question and Answer	
5:35 pm	<i>Course Adjourns</i>	
	<i>Attendee/Exhibitor reception immediately following (5:35pm – 6:35pm)</i>	

SATURDAY NOVEMBER 9, 2024

9:35 am –	Session 1: Concurrent Breakout	
11:35 am	Case Discussions	
9:35	Case Discussion-# 1	Dr Berven
10:05	Case Discussion-# 2	Dr Clark
10:35	Case Discussion-# 3	Dr Theologis
11:05	Case Discussion-# 4	Dr Kelly
11:35	Question and Answer	
11:55	<i>Lunch</i>	
1:15 pm –	Session 2: Resident, Fellow, and Young Surgeon Workshop	
3:45 pm		
1:15	Case Discussion-# 1	Neurosurgery Fellow
1:45	Case Discussion-# 2	Ortho Spine Fellow
2:15	Case Discussion-# 3	Neurosurgery Resident
2:45	Case Discussion-# 4	Ortho Spine Resident
3:15	Question and Answer	
3:45	<i>Break</i>	
4:00 –	Session 3: Advancement in Surgical and Robotics in Spinal Surgery	
4:40		
4:00	Case Discussion-# 1	Dr Ames/Dr Deviren
4:20	Case Discussion-# 2	Dr Clark/Dr Burch
4:40	Question and Answer	
5:00 pm	<i>Adjourn Meeting</i>	

COURSE FACULTY (CONT'D)

Fred Nicholls, MD, MA, FRCSC

Clinical Associate Professor,
University of Calgary
Fellowship Director,
Combined Spine Program
Spine Surgery Division Lead,
Section of Orthopaedic
Surgery

Ray Oshtory, MD, MBA

Founder/Medical Director
Pacific Heights Spine Center
San Francisco, CA

Rajiv Sethi, MD

Professor and Executive
Medical Director, Virginia
Mason Center
for Neurosciences and Spine
University of Washington
School of Medicine
Seattle, WA

Kevin M. Taliaferro, MD

Chief of Orthopaedic Spine
Surgery at Henry Ford Health
Orthopedic Surgeon
Detroit, MI

Lee Tan, MD

Associate Professor of
Neurosurgery
UCSF Medical Center
San Francisco, CA

Alekos Theologis, MD

Assistant Professor
Spine Surgeon
Department of
Orthopaedic Surgery



faculty



University of California,
San Francisco
Office of CME
490 Illinois Street, Fl 8
San Francisco, CA 94143

For more information or to register online
visit our website at cme.ucsf.edu
You may also reach us by calling the
Office of CME at (415) 476-4251 or
emailing info@ocme.ucsf.edu.
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UPCOMING COURSES

Pediatric and Adult Spine Course
July 16-19, 2025
Hotel • Honolulu, HI

GENERAL INFORMATION

Advance registration closes three (3) business days prior to start of course.

HOW TO ENROLL

- \$825** Practicing Physicians
(\$925 after 9/4/2024)
- \$775** Nurses, Pharmacists, Allied Health Professionals
(\$875 after 9/4/2024)
- \$675** Residents, Fellows
(\$775 after 9/4/2024)

* 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 7
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, 2024** 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 **\$229** for Thursday night, and **\$295** on Friday and Saturday night, *plus \$45.00/night daily resort fee*. You are urged to make your reservations early. The cut-off date is **October 8, 2024**, 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

general
info

COURSE REGISTRATION FORM • MOR24004

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Mail to : UCSF Office of CME
490 Illinois Street, Fl 7
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**
Month Day

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 9/4/2024)
- \$775** Nurses/Pharmacist/Allied Health Professionals
- \$875** Nurses/Pharmacist/Allied Health Professionals (after 9/4/2024)
- \$675** Residents/Fellows
- \$775** Residents/Fellows (after 9/4/2024)
- \$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, 2024** 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
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(702) 590-2111 phone
(866) 745-7767 reservations
www.vdara.com

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

