The 2017 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 taking place at the Medical Education and Research Institute in Nevada (MERIN). 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
Orthopaedists 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:

- 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 morbidity and determine modifiable risk factors and strategies for effective optimization;
- Improve diagnosis of spinal instability related to spinal tumors and formulate surgical treatment plans to address neurological deficits, pain, and instability in spine oncology patients based on published guidelines;
- Correlate radiographic findings to surgical anatomy as they pertain to the approach and techniques for minimizing complications.
FRIDAY NOVEMBER 3, 2017
7:30 am  Registration and Continental Breakfast
8:00   Welcome & Overview
8:05   Anterior Approach for Interbody Fusion: What Might Go Wrong?
8:25   Lateral Approach for Interbody Fusion: What might go Wrong?
8:45   Risk and Complication in MIS Adult Spinal Deformity Surgery
9:05   Neurologic Complications in Adult Spinal Deformity Surgery
9:25   HONORED SPEAKER INTRODUCTION
9:30   Management of Congenital Scoliosis
10:00  Questions and Answers
10:15  Coffee Break
10:35  Sagittal Alignment is Critical Even in Single-level Lumber Fusion
10:55  The Role of Plastic Surgeons in Complex Spine Surgery
11:20  A New Algorithm for MIS Deformity Surgical Planning
11:40  Application of Transpsoas Technique for Deformity Surgery
12:00  The Use of MIS Surgery for Sagittal Plane Deformities
12:20  Questions and Answers
12:35  Lunch
2:05   MIS TLIF: Techniques and Outcomes
2:25   HONORED SPEAKER INTRODUCTION
2:30   Rod Fractures and Non-unions in Three-Column Osteotomies of the Spine. Strategies for Prevention and Treatment
3:00   Role of ALIF with Hyperlordotic Cages Below Long Fusion L4-S1
3:20   Questions and Answers
3:35   Coffee Break
3:55   Cost and Value in Surgery for Adult Spinal Deformity
FRIDAY NOVEMBER 3, 2017 (CONT’D)

4:15  HONORED SPEAKER INTRODUCTION  Dr. Vedat Deviren
4:20  Delivering Value and Enhancing Safety in the Care of  Dr. Rajiv Sethi
      Spinal Deformity Patients: Lessons from the Seattle Spine Team
4:50  Adult Spinal Deformity Long-term Construct Durability  Dr. Munish Gupta
5:10  Update on Osteoporosis Management in Spinal Deformity  Dr Kyle Mitsunaga
5:30  Questions and Answers
5:50 pm  Adjourn to Course Reception

SATURDAY NOVEMBER 4, 2017

Shuttles from Vdara depart at 8:00 am.

8:30 am  Arrive at MERIN
9:00 -12:00 pm  Session Group A: Cadaver Lab
9:00 -12:00 pm  Session Group B: Lecture and Case Presentations
                Moderators: Dr. Eric Klineberg, Dr. Aaron Clark, and Dr. Bobby Tay
12:00 -1:00 pm  Lunch included with tuition
1:00 - 4:00 pm  Session Group A: Lecture and Case Presentations
                Moderators: Dr. Dean Chou, Dr. Rishi Wadhw, and Dr. Lionel Metz
1:00 - 4:00 pm  Session Group B: Cadaver Lab
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)
Eric Klineberg, MD
Associate Professor of Orthopaedic Surgery; Assistant Residency Director, Spine Fellowship Program
Director University of California, Davis, School of Medicine, Department of Orthopaedic Surgery
Sacramento, CA
Lionel Metz, MD
Assistant Professor Clinical Orthopaedics
Kyle Mitsunaga, MD
Orthopaedic Spine Surgeon
The Queen’s Medical Center Shriners’ Hospitals for Children Honolulu, Hawaii
Praveen Mummaneni, MD
Professor of Neurological Surgery
Gregory M. Munds, Jr., MD
Medical Director, San Diego Center for Spinal Disorders Co-Director San Diego Spine Fellowship, Pediatric and Adult Deformity Surgery
San Diego, CA
Murat Pekmezci, MD
HS Associate Clinical Professor in Orthopaedic, Trauma Surgery Department of Orthopaedic Surgery
Bobby Tay, MD
Professor of Orthopaedics Director Spine Fellowship Program; Director of Outpatient Spine Surgery Orthopaedic Institute; Director of NFL Spine Player Care Program
Juan Uribe, MD
Associate Professor, Director Spine Section, Department of Neurosurgery University of South Florida Department of Neurosurgery and Brain Repair University of South Florida Tampa, FL
Rishi Wadhw, MD
Assistant Professor of Neurological Surgery University of California, San Francisco
GENeral INFORMATION

Advanced registration closes November 1, 2017 to start of course. Onsite registration fees, if applicable, will be applied after this date.

How To Enroll

Tuition:
- $800 Physicians
- $900 Physicians (after October 15, 2017)
- $750 Allied Health Professionals
- $850 Allied Health Professionals (after October 15, 2017)
- $650 Residents/Fellows
- $750 Residents/Fellows (after October 15, 2017)

Payment can be made by American Express, Visa, MasterCard, or check payable to UC Regents.

Register Via:
- Online: cme.ucsf.edu
- Mail: Complete course registration form and send with payment to: UCSF Office of CME P.O. Box 45368 San Francisco, CA 94145-0368
- Fax: Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)
- 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, 2017 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 $152 for Thursday night and $209 a night on Friday and Saturday night, plus a daily resort fee of $28.00. You are urged to make your reservations early. The cut-off date is October 3, 2017, 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.

The Medical Education and Research Institute of Nevada (MERIN) is an independent facility located in Henderson, Nevada. Each year, thousands of medical professionals from across the US and around the world come to MERIN to learn new surgical procedures and test innovative medical products, which can result in improved health care delivery, less invasive operations, improved surgical outcomes, shorter recovery times, and the reduction of post-surgical infection. MERIN is recognized among physicians, researchers, and medical device companies as a world-class facility. MERIN is one of the Platinum Training facilities across the United States.

Rental Car

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0136 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:

7th Annual UCSF Techniques in Complex Spine Surgery Course
November 3-4, 2017 • Vdara Hotel • Las Vegas, NV and MERIN Center • Henderson, NV

Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

Dr.  Mr.  Mrs.  Ms.

Last Name ____________________________ First Name ____________________________ 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):  

□ $800 Physicians  
□ $900 Physicians (after October 15, 2017)  
□ $750 Nurses/Pharmacist/Allied Health Professionals  
□ $850 Nurses/Pharmacist/Allied Health Professionals (after October 15, 2017)  
□ $650 Residents/Fellows  
□ $750 Residents/Fellows (after October 15, 2017)

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, 2017 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

MEDICAL EDUCATION AND RESEARCH INSTITUTE OF NEVADA (MERIN)
874 American Pacific, Suite 120
Henderson, NV 89014
(702) 933-5627
www.merininv.org

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