6th Annual UCSF Techniques in Complex Spine Surgery Course

November 4-5, 2016

Vdara Hotel
Las Vegas, Nevada and
Medical Education
and Research Institute
of Nevada
Henderson, Nevada

COURSE DIRECTORS
Christopher P. Ames, MD
Professor of Neurological
Surgery; Co-Director,
Spinal Surgery and
UCSF Spine Center;
Co-Director, Neurospinal
Disorders Program;
Director of Spinal Tumor
and Deformity Surgery

Vedat Deviren, MD
Professor of Clinical
Orthopaedic Surgery;
UCSF Spine Center

HONORED GUEST SPEAKERS
Serena S. Hu, MD
Ferran Pellise, MD
Luis Pimenta, MD
6th Annual UCSF Techniques in Complex Spine Surgery Course

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The 2016 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.

OBJECTIVES

An attendee completing this course should increase skills and strategies to:

• Differentiate new techniques and treatment strategies in the management and treatment of transpedicular corpectomy, osteotomy, and spinal reconstruction;

• Examine the best available evidence and recent clinical research to improve patient assessment and treatment approaches;

• Illustrate clinical confidence through application of recent advances in spinal surgery;

• Calculate the pros and cons of implementing new “minimally invasive” surgical techniques;

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

• Categorize appropriate indications for surgery in cases of the painful, degenerated spine, spinal deformities, and tumors and to identify the appropriate surgical approach based on recently published guidelines;

• Evaluate and treat lumbar degenerative disease and deformity in a cost-effective manner and avoid perioperative complications by identifying risk factors that may predispose case to morbidity risk;

• Distinguish spinal instability related to spinal tumors and formulate surgical treatment plans to deal with neurological deficits and pain in spine oncology patients based on recently published guidelines.

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 14.00 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 Credit™ issued by organizations accredited by the ACCME.

Physician Assistants

The National Commission Certification of Physician Assistants (NCCPA) states on certification that AMA PRA Category 1 Credits are acceptable for continuing medical education requirements for recertification.
FRIDAY NOVEMBER 4, 2016

7:30 am Registration and Continental Breakfast
8:00 Course Overview and Introductions  Dr. Christopher Ames &
Dr. Vedat Deviren
8:05 Value in Deformity Surgery in the Adult  Dr. Sigurd Berven
8:25 How to Build a “Center of Excellence” for the Surgical
Treatment of Complex Spinal Disorders: the Payor and
Patient Perspective  Dr. Rajiv Sethi
8:45 Measuring Outcomes/HRQOL and Neuromonitoring  Dr. Michael Kelly
9:05 HONORED SPEAKER INTRODUCTION  Dr. Vedat Deviren
9:10 When Degenerative Problems Become Deformity Cases  Dr. Serena Hu
9:40 Question and Answer
9:45 Coffee Break
10:00 Minimally-invasive Surgery Deformity Update  Dr. Praveen Mummaneni
10:20 Using LLIF and Percutaneous Fixations for
Deformity Correction  Dr. Robert Eastlack
10:40 Anterior Exposure to the Lumbar Spine Lessons Learned
and Relearned  Dr. Charles Eichler
11:00 HONORED SPEAKER INTRODUCTION  Dr. Vedat Deviren
11:05 Latrogenic Sagittal Minimally-invasive Surgery Alignment –
Correction by ALIF  Dr. Luis Pimenta
11:35 Minimally-invasive TLIF  Dr. Greg Poulter
11:50 Question and Answer
12:00 pm Lunch included with tuition
1:15 Preoperative Planning, the Validity of Alignment Targets,
and Age Specific Targets of Deformity Correction  Dr. Themistocles Protopsaltis
1:35 Psychosocial Effects on Spine Outcomes and
Choosing the Right Patient for Surgery  Dr. Michael Daubs
1:55 Managing Osteoporosis in Spine Deformity  Dr. Shane Burch
2:15 Controversies in ADO Surgeries  Dr. Dean Chou
2:35 Adult Deformity Surgery Guidelines an ISSG Update  Dr. Shay Bess
2:55 HONORED SPEAKER INTRODUCTION  Dr. Christopher Ames

COURSE CO-CHAIRS
Christopher P. Ames, MD  Professor of Neurosurgery;
Director of Spine Tumor Surgery;
Director of Spinal Deformity
University of California,
San Francisco
Vedat Deviren, MD  Professor of Orthopaedics,
University of California,
San Francisco, School of Medicine

HONORED GUEST SPEAKERS
Serena Hu, MD  Professor of Orthopaedic Surgery
and, by courtesy, of Neurosurgery
at the Stanford University Medical
Center; Stanford, CA
Ferran Pellise, MD  Pediatric and Adult Spine
Deformity, Tumor and Trauma;
Chief Spine Unit,
Hospital Vall d’Hebron,
Barcelona, Spain
Luis Pimenta, MD  Clinical Director of the Instituto
de Patologia da Coluna, Brazil –
Department of Minimally-Invasive
Spine Surgery; Associate Professor
of University of California,
San Diego (UCSD) –
San Diego, CA

COURSE FACULTY
(all UCSF unless otherwise noted)
Sigurd Berven MD  Professor of Orthopaedic Surgery;
Chief of Spine Service
Shay Bess, MD  Rocky Mountain Scoliosis & Spine
Denver, Colorado
Shane Burch, MD  Associate Professor
Dean Chou, MD  Professor of Neurological Surgery,
Associate Director, UCSF Spine
Center

Aaron Clark, MD  Professor of Neurological Surgery
Michael D. Daubs, MD  Professor and Chief of Orthopaedic
Surgery, University of Nevada,
Las Vegas, Las Vegas, NV
Robert Eastlack, MD  Co-Director, San Diego Spine
Fellowship; Complex, Cervical, and
Minimally Invasive Spine Surgery
Scripps Clinic Orthopedic Surgery,
La Jolla, CA
Charles Eichler, MD  Professor of Vascular and
Endovascular Surgery
Michael Kelly, MD  Assistant Professor of Orthopaedic
and Neurologic Surgery; Adult and
Paediatric Spinal Deformity
Washington University,
St. Louis, MO
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
FRIDAY NOVEMBER 4, 2016 (CONT’D)

3:00  Risk Stratification and Invasiveness  Dr. Ferran Pellise
3:30  Question and Answer
3:45  Coffee Break
4:00  Proximal Junctional Kyphosis  Dr. Eric Klineberg
4:20  Complication: Cervical Deformity  Dr. Bobby Tay
4:40  Complication in Deformity Surgeries  Dr. Michael Weber
5:00  Use of Navigation in Long MIS Deformity Constructs  Dr. Ganesh Swamy
5:20  Question and Answer
5:45 pm  Adjourn to Course Reception

SATURDAY NOVEMBER 5, 2016

Shuttles from Vdara depart at 8:00 am
8:30 am  Arrive at MERIN for Continental Breakfast
9:00 -12:00 pm  Session Group One: Lecture and Case Presentations
Moderators: Dr. Aaron Clark and Dr. Lionel Metz
Session Group Two: Cadaver Lab
12:00 -1:00  Lunch included with tuition
1:00 -4:00  Session Group One: Cadaver Lab
Session Group Two: Lecture and Case Presentations
Moderators: Dr. Rishi Wadhwa and Dr. Lionel Metz
4:00 pm  Course Adjourns, shuttles return to Vdara and Airport

Cadaver Stations to include:
Anterior Exposure and XLIF • Harms Deformity/C2 Lumbar Screw Placement/
Cervical Osteotomy/T-VCR/T-Screws • TL PSO VCA/Pelvic Fixation/Screws
Sacrectomy/Iliac Fixation/VLIF/Pelvic Fixation/En Bloc Resection
Pedicle Screw Fixation/Post Osteotomy/Screws/Transitional
Percutaneous Screws • PSO/VCR/S2 Screws
Lumbar PSO/Sacrum Fixation/PSO/S2 Screws Thoracic
Cervical Instrumentation/Cervical PSO/Lumbar PSO/VCR

COURSE FACULTY (CONTD)

Lionel Metz, MD  Assistant Professor, Orthopaedics Surgery
Praveen Mummaneni, MD  Professor of Neurological Surgery
Gregory Poulter, MD  Spinal Surgeon, OrthoIndy Spine Center, Indianapolis, IN
Themistocles Protopsaltis, MD  Assistant Professor, Department of Orthopaedic Surgery, Department of Orthopaedic Surgery, New York University Langone Medical Center, New York, NY
Rajiv Sethi, MD  Clinical Assistant Professor, University of Washington, School of Public Health, Department of Health Services; 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, Seattle, Washington
Ganesh Swamy, MD  Assistant Clinical Professor, University of Calgary, Department of Orthopaedic Surgery Calgary, Alberta, Canada
Bobby Tay, MD  Professor, Clinical Orthopaedics, Director Spine Fellowship Program, Director of Outpatient Spine Surgery at the Orthopaedic Institute, Director, Spine Center Ambulatory Service; Director of NFL Spine Player Care Program
Rishi Wadhwa, MD  Assistant Professor of Neurological Surgery
Michael Weber, MD  Assistant Professor of Orthopaedic Surgery, McGill University, Montreal, Quebec Canada
GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course.

HOW TO ENROLL
Tuition: $775 Physicians
$875 Physicians (after October 15, 2016)
$725 Allied Health Professionals
$825 Allied Health Professionals/ (after October 15, 2016)
$625 Residents/Fellows
$725 Residents/Fellows (after October 15, 2016)
Payment can be made by American Express, Visa, MasterCard or check payable to UC Regents
REGISTER VIA:
Online: meded.ucsf.edu/cme
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, 2016 be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION (CONT’D)
A block of guestrooms has been reserved at the special UCSF conference rate of $146 for Thursday night and $185 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 4, 2016, 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, please visit the Travel & Lodging section of the course webpage at www.meded.ucsf.edu/cme.
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.

CONFERENCE
UCSF has negotiated special fares with United Airlines and Hertz Car Rental. Please visit the TRAVEL AND LODGING section on the course webpage at meded.ucsf.edu.
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Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

□ Dr. □ Mr. □ Mrs. □ Ms.

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):

□ $775 Physicians
□ $875 Physicians (after October 15, 2016)
□ $725 Nurses/Pharmacist/Allied Health Professionals
□ $825 Nurses/Pharmacist/Allied Health Professionals (after October 15, 2016)
□ $625 Residents/Fellows
□ $725 Residents/Fellows (after October 15, 2016)

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 ___________________________

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VDARA HOTEL & SPA
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Please refer to our website www.ucsf.cme.edu for additional information.