3rd Annual UCSF Techniques in Complex Spine Surgery Course

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
Behrooz A. Akbarnia, MD
Jens R. Chapman, MD
Morio Matsumoto, MD, PhD

FRIDAY - SATURDAY
November 8-9, 2013
The 2013 UCSF practical course in advanced spinal techniques is a two-day event 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). Designed for neurosurgeons, orthopaedic surgeons, residents and fellows who are interested in complex spine surgery techniques and who want to increase their competence and improve clinical practice in the management of patients with spinal pathologies.

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:

- Surgical techniques related to spinal deformity and tumors, including tumor resections, various osteotomies, deformity correction, implant selection, and best practices;
- Surgical strategies involving cervical thoracic, lumbar spine with spinal disorders;
- Interpreting image studies and using them to plan surgical strategies to different areas of the spine, including correlation of radiographic findings as they pertain to the approach, and to identify indications and contraindications;
- Advancing surgical techniques, robotic navigation and minimally invasive surgery;
- Constructing design, implant selection and utilization of cages, hooks, cables and screws;
- Applying surgical principles to real anatomy;
- Minimizing perioperative complications in spinal surgery by identifying risk factors that may predispose to morbidity with controlling the cost of care.

OBJECTIVES

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 12.25 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 8, 2013

7:30 am  Registration and Continental Breakfast

8:15  Welcome  
Dr. Christopher Ames/Dr. Vedat Deviren

8:30  Cervical Disc Replacement  
Dr. Bobby Tay

8:50  Cervical Deformity C7 Pedicle Subtraction Osteotomy  
Dr. Vedat Deviren

9:10  Cervicothoracic Proximal Junctional Pathology: Mechanisms and Management  
Dr. Sigurd Berven

9:30  Honored Guest Lecturer  
Complications of Adult Scoliosis Surgery  
Dr. Jens R. Chapman

9:50  Break

10:30  The Importance of Sagittal Spinopelvic Alignment  
Dr. Justin Smith

10:50  Minimally Invasive Sagittal Plane Deformity Correction  
Dr. Gregory Mundis

11:10  Posterior MIS TLIF or Pedicle Screw Fixation  
Dr. Praveen Mummaneni

11:30  En Bloc Resection  
Dr. Christopher Ames

11:50  Lunch (Provided)

1:30 pm  PSO: A Useful Tool in Revision of Adult Spinal Deformities in Primary versus Revision Cases  
Dr. Munish Gupta

1:50  Sacro-pelvic Fixation Techniques  
Dr. Serena Hu

2:10  Costotransversectomy, PSO, PVCR  
Dr. Eric Klineberg

2:30  Surgical Strategies for the Revision Spine Patient  
Dr. Samuel Bederman

2:50  Honored Guest Lecturer  
Magnetically Controlled Growing Rod for Early Onset Scoliosis  
Dr. Behrooz Akbarnia

3:10  Break

3:30  Disability Associated with ASD  
Dr. Shay Bess

3:50  Spine Registry Outcomes  
Dr. Shane Burch

4:10  MIS for Thoracolumbar Trauma  
Dr. Murat Pekmezci

GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course.

HOW TO ENROLL
Tuition:  
$675  Physicians  
$775  Physicians (after October 15, 2013)  
$625  Allied Health Professionals/Residents/Fellows  
$725  Allied Health Professionals/Residents/Fellows (after October 15, 2013)

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

REGISTER VIA:
Online:  www.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 the first day of the course 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.
FRIDAY NOVEMBER 8, 2013 (CONT’D)
4:30  Honored Guest Lecturer
Pedicle Screw Fixation for Cervical Spinal Disorders
Dr. Morio Matsumoto

5:10  System Approaches to Risk Reduction in Adult
Deformity Surgery Including Dual Surgeon
Approaches and Intraoperative Protocols to
Manage Coagulopathy
Dr. Rajiv Sethi

5:30  Anterior Lumbar Spine Exposure-From the
Routine to the Extreme
Dr. Charles Eichler

5:50  Adjourn

7:00 pm  Course Dinner (Provided for attendees; guests for an additional fee)

SATURDAY NOVEMBER 9, 2013
Shuttles from Vdara depart at 8:00 am; arrive at MERIN Center at 8:30 am
8:30 am  Breakfast and change

9:00-12:00  Session Group One: Case Presentations and Lecture
9:00-12:00  Session Group Two: Cadaver Lab

12:00-1:00  Lunch included with tuition

1:00-4:00  Session Group One: Cadaver Lab
1:00-4:00  Session Group Two: Case Presentation and Lecture

STATIONS:
C7 PSO
ANTERIOR CERVICAL OSTEOTOMY
EN BLOC RESECTION T/L SPINE
SACRECTOMY AND PELVIC RECONSTRUCTION
VERTEBRAL COLUMN RESECTION
PEDICLE SUBTRACTION OSTEOTOMY
TRANSPEDICULAR CORPECTOMY
CORONAL PLANE CORRECTION TECHNIQUES
ROBOTIC SURGERY

4:00 pm  Adjourn

CONFERENCE LOCATION (CONT’D)
A block of guestrooms has been reserved at the
special UCSF conference rate of $139 for Thursday
night and $169 a night on Friday and Saturday night,
plus a daily resort fee of $25.00. You are urged to
make your reservations early. The cut-off date
is October 8, 2013, 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, visit our website at
www.cme.ucsf.edu.

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 #03BW0132 or call
your travel agent. You may also make reservations

AIR TRANSPORTATION
UCSF OCM E has negotiated special fares with
American and United Airlines for our course
attendees. You may use the following tour codes
to book your airfare:
American – (800) 433-1790 code: A26N3AA
United – www.ual.com group code: ZPMH595061
Pituitary Disorders: Advances in Diagnosis and Management
September 28, 2013
Marriott Union Square
San Francisco, California

UPCOMING COURSES

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 Orthopaedics, Department of Orthopaedics Surgery

QUEST FACULTY
Behrooz A. Akbarnia, MD
Professor, Orthopedic Spine Surgery, University of California, San Diego; Pediatric & Adult Deformity Surgery, San Diego Center for Spinal Disorders
Jens R. Chapman, MD
Jens R Hansjöerg Wyss Professor and Chair
University of Washington
Orthopaedics & Sports Medicine
Morio Matsumoto, MD
Division of Spinal Surgery, Department of Orthopaedic Surgery, School of Medicine, Keio University

COURSE FACULTY (CONT'D)
Samuel Bederman, MD
Assistant Clinical Professor
Department of Orthopaedic Surgery, University of California, Irvine
Sigurd H Berven, MD
Professor, Department of Orthopaedic Surgery

COURSE FACULTY (CONT'D)
Shay Bess, MD
Rocky Mountain Scoliosis & Spine Center, Denver, Colorado
Shane Burch, MD
Associate Professor, Department of Orthopaedic Surgery, UCSF Spine Center
Charles M. Eichler, MD
Clinical Professor of Surgery
Division of Vascular and Endovascular Surgery
Munish Gupta, MD
Professor, Co-Director of Spine Center; Chief of Orthopaedic Spinal Disorders Service
Stanford University Department of Orthopaedic Surgery, Stanford University, Davis
Serena S. Hu, MD
Professor, Chief Spine Service
Stanford University Department of Orthopaedic Surgery, Stanford University, Davis
Eric Klimeberg, MD
Assistant Professor, Spine Fellowship Program Director, Assistant Residency Director, University of California, Davis Medical Center
Praveen Mummmaneni, MD
Professor and Vice-Chair of Neurological Surgery; Director of Minimally Invasive Spine Surgery; Director of Cervical Spine Surgery, Co-Director, UCSF Spine Center University of California, San Francisco

COURSE FACULTY (CONT'D)
Gregory Mundis, MD
Orthopedic Spine Surgery
Pediatric & Adult Deformity Surgery, University of California, San Diego; Cervical Spine Surgery Co-Director, San Diego Spine Fellowship, San Diego Center for Spinal Disorders
Murat Pekmezci, MD
Assistant Clinical Professor in Orthopaedic & Trauma
Department of Orthopaedic Surgery
Rajiv K. Sethi, MD
Director of Spinal Deformity and Complex Reconstruction Neurological Surgery Group Health, Capitol Hill Campus
South Specialty Spine Center
Justin S. Smith, MD, PhD
Associate Professor of Neurological Surgery; Director, Minimally Invasive Spine Surgery Co-Director, Neurosurgery Spine Division
Bobby B.K. Tay, MD
Clinical Professor, Department of Orthopaedic Surgery; Director, Spine Fellowship Program

For more information or to register online visit our website at www.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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Mail to: UCSF Office of CME
        P.O. Box 45368
        San Francisco, CA 94145-0368
        Fax: (415) 502-1795

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

☐ 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: __ __ / __ __ / __ __

Month Day

Please indicate if you have any special needs:

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

☐ $675 Physicians
☐ $775 Physicians (after October 15, 2013)
☐ $625 Nurses/Pharmacist/Allied Health Professionals/Residents/Fellows
☐ $725 Nurses/Pharmacist/Allied Health Professionals/Residents/Fellows (after October 15, 2013)

☐ I will attend dinner – Friday, November 8, 2013 (Complimentary for Attendees Only)
  Select One Entree Choice: Beef___  Chicken___  Vegetarian___

☐ I will have a guest attending dinner – Friday, November 8, 2013 @ $125.00 each
  Select One Entree Choice: Beef___  Chicken___  Vegetarian___

☐ I will not attend dinner

Check enclosed payable to UC Regents

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