

NEUROSURGERY UPDATE

2015

THURSDAY - SATURDAY

August 6-8, 2015



Silverado Resort
Napa, CA

COURSE CHAIRS

Mitchel S. Berger, MD
Professor and Chairman,
Department of Neurological Surgery;
Kathleen M. Plant
Distinguished Professor,
University of California, San Francisco

Dean Chou, MD
Associate Professor of Neurosurgery,
Associate Director, The UCSF Spine Center,
University of California, San Francisco

NEUROSURGERY UPDATE 2015

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The Department of Neurosurgery at the University of California San Francisco, invites you to attend its annual Neurosurgery Update course. The course will be held at the Silverado Resort in Napa, California August 6- 8, 2015. The program endeavors to provide the latest updates and recent advances in the field of neurosurgery. Neurosurgeons, neurosurgery residents, nurse practitioners, physician's assistants, and other allied health professionals can benefit from this program in the treatment of neurosurgical problems. Now in its ninth year, it will cover the entire spectrum of neurosurgical topics.

- OBJECTIVES**
- An attendee completing this course will be able to:
 - Evaluate the latest surgical techniques in the management of neurosurgical problems;
 - Appraise the recent data with regard to clinical trials in management of brain tumors;
 - Apply multidisciplinary aspects in the treatment of brain tumors;
 - Predict the role for complex spinal neurosurgery, its indications, and risks;
 - Apply the latest in the management of peripheral nerve disorders;
 - Illustrate the latest in the management of pediatric disorders;
 - Examine the latest in functional neurosurgery, epilepsy, and pain;
 - Incorporate the latest updates in the management of pituitary and endocrine disorders;
 - Practice the latest treatment for spinal disorders;
 - Determine the nuances cerebrovascular neurosurgery.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) 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 **15.00 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.

Pain Management and Care for the Terminally Ill
The approved credits shown above include **4.00 AMA PRA Category 1 Credits™** towards meeting the requirement under California Assembly Bill 487, Pain Management and Care for the Terminally Ill.

Trauma:
The approved credits shown above include **1.00** credits toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma-related continuing medical education.

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
AAPA accepts *AMA PRA Category 1 Credit™* from AOACCME, Prescribed credit from AAFP, and AMA Category 1 Credit for the PRA for organizations accredited by the ACCME.

THURSDAY, AUGUST 6, 2015

12:00-12:35 pm *Registration*

SPINE, PAIN, PEDIATRIC NEUROSURGERY

12:35 -1:10 pm		Welcome / Overview / Pre-Test	Mitchel S. Berger, MD / Dean Chou, MD
1:10 - 1:30 pm	P	Surgery at the Occipitocervical Junction	Praveen V. Mummaneni, MD
1:30 - 1:50 pm	P	Minimally-invasive Surgery for Adult Deformity: How Far Have We Progressed?	Dean Chou, MD
1:50 - 2:20 pm	P	Management of Painful Spine Tumors	Ziya Gokaslan, MD
2:20 - 2:40 pm	T	Update on Clinical Trials for Spinal Trauma and Spinal Cord Injury	Sanjay Dhall, MD
2:40 - 3:10 pm	P	Update on Modern Spine Treatments	Ziya Gokaslan, MD
3:10 - 3:40 pm		<i>Coffee Break</i>	
3:40 - 4:00 pm	P	Cost Utility Analysis and Predictive Outcome Modeling in Adult Spinal Deformity	Christopher P. Ames, MD
4:00 - 4:20 pm	P	Non-operative Treatments for Low Back Pain	Melanie Henry, MD
4:20 - 4:40 pm		The Evolving Management of Brainstem Glioma in Children	Nalin Gupta, MD
4:40 - 5:00 pm	T	Pediatric Neurotrauma Update	Kurtis Auguste., MD
5:00 - 5:20 pm		Dynamic and Balanced Gradient Imaging in Hydrocephalus and Pediatric Spinal Disorders	Peter Sun, MD
5:20 - 6:00 pm		Questions and Answers with Case Discussion	Mitchel S. Berger, MD
6:00 - 7:30 pm		<i>Wine Tasting Reception in Exhibit Area</i>	

FRIDAY, AUGUST 7, 2015

7:30 - 8:00 am *Continental Breakfast*

FUNCTIONAL, PERIPHERAL NERVE, TRAUMA, EPILEPSY, PITUITARY

8:00 - 8:20 am		Update On Deep Brain Stimulation In Children	Philip A. Starr, MD
8:20 - 8:40 am		MRI-guided Stereotactic Surgery	Paul S. Larson, MD
8:40 - 9:10 am	P	Painful Peripheral Nerve Entrapment Management	Robert J. Spinner, MD
9:10 - 9:30 am	P	Differentiating Between C8 Radiculopathy and Ulnar Neuropathy	Line Jacques, MD
9:30 - 10:00 am	P	Painful Peripheral Nerve Tumors	Robert J. Spinner, MD
10:00 - 10:30 am		<i>Coffee Break</i>	
10:30 - 10:50 am	T	Neurotrauma: Modern Management and Update	Geoffrey Manley, MD, PhD
10:50 - 11:10 am		Closed Loop Neuro-Modulation for Epilepsy	Edward Chang, MD
11:10 - 11:30 am		Hyponatremia	Lewis S. Blevins, Jr., MD
11:30 - 11:50 am		Prolactinomas: Medical vs Surgical Treatment	Manish K. Aghi, MD
11:50 - 12:20 pm		Neurosurgical Management of Sino-nasal Malignancy	Franco Demonte, MD, FACS, FRCS (c)
12:20 - 12:30 pm		Questions and Answers with Discussion	Dean Chou, MD
5:00 - 6:00 pm		Case Presentations	Dean Chou, MD
6:30 pm		<i>Winery Dinner (optional event with additional fee) (bus will pick-up at approximately 6:15 pm)</i>	

SATURDAY, AUGUST 8, 2015

7:30 - 8:00 am *Continental Breakfast*

TUMORS, ANATOMY, VASCULAR

8:00 - 8:30 am		Contemporary Strategies for Managing Arteriovenous Malformations	Hunt Batjer, MD
8:30 - 8:50 am		An Update on Bypass Surgery	Michael T. Lawton, MD
8:50 - 9:20 am		The Problem of Subspecialty Recognition Cerebrovascular Surgery in the United States	Hunt Batjer, MD
9:20 - 9:40 am		Modern Management of Skull Base Malignancies	Philip Theodosopoulos, MD
9:40 - 10:10 am	P	Multimodal Management of Painful Chordoma of the Skullbase	Franco Demonte, MD, FACS, FRCS (c)
10:10 - 10:40 am		<i>Coffee Break</i>	
10:40 - 11:10 am		Long-term Result of Multimodal Treatment of Large Vestibular Schwannomas	Hee-Won Jung, MD
11:10 - 11:30 am		A Review of CP Angle Meningiomas	Michael W. McDermott, MD
11:30 - 11:50 am		Clinical Trials Update in Neuro-Oncology	Susan M. Chang, MD
11:50 - 12:10 pm		Surgery for Primary Supratentorial Brain Tumors: Effect of Provider and Hospital Caseload on Complication Rates	Jason Davies, MD, PhD
12:10 - 1:30 pm		Cases / Questions and Answers / Post-Test / Closing Remarks	
1:30 pm		<i>Adjourn</i>	

P – Pain Credit T – Pain Credit

program

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August 6-8, 2015

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Napa, California



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Department of Neurological Surgery;
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Distinguished Professor,
University of California, San Francisco

Dean Chou, MD

Associate Professor of Neurosurgery,
Associate Director, The UCSF Spine
Center, University of California,
San Francisco

SPECIAL GUEST FACULTY

Hunt Batjer, MD

Professor and Chairman, Department
of Neurological Surgery, Lois C.A. and
Darwin E. Smith Distinguished Chair
in Neurological Surgery, The
University of Texas Southwestern
Medical Center, Dallas, TX

Franco Demonte, MD, FACS, FRCS(c)

Professor and Vice Chair, Department
of Neurosurgery, The University of
Texas MD Anderson Cancer Center,
Houston, TX

Hee-Won Jung, MD

President and CEO,
Seoul National University Hospital,
Seoul, South Korea

Ziya Gokaslan, MD

Chairman, Department of Neurosurgery
Warren Alpert Medical School of
Brown University; Chief of Neurosurgery
Rhode Island Hospital and the
Miriam Hospital, Providence, RI

Robert J. Spinner, MD

Burton M. Onofrio MD Professor
of Neurosurgery; Professor of
Orthopedics and Anatomy,
Mayo Clinic College of Medicine,
Rochester, MN

COURSE FACULTY

(University of California,
San Francisco unless indicated)

Manish K. Aghi, MD, PhD

Associate Professor of Neurological
Surgery; Maydan Family Endowed
Faculty; Attending Neurosurgeon,
California Center for Pituitary
Disorders; Co-Director, Center for
Minimally Invasive Skull Base
Surgery; Faculty Member,
UCSF Graduate Division in
Biomedical Sciences

Christopher P. Ames, MD

Professor of Neurological Surgery;
Director of Spinal Tumor and Spinal
Deformity Surgery; Director of Spinal
Biomechanics Laboratory; Co-director,
Spinal Surgery; Co-director, UCSF
Spine Center

Kurtis Auguste, MD

Associate Professor of Neurological
Surgery; Director, Pediatric Epilepsy
Surgery Program at UCSF and
Children's Hospital Oakland

Lewis S. Blevins, Jr. MD

Professor of Medicine and
Neurological Surgery; Medical
Director, California Center for
Pituitary Disorders at UCSF

Edward F. Chang, MD

Associate Professor of Neurological
Surgery and Physiology;
Co-Director, Center for Neural
Engineering at UC Berkeley and
UCSF; Faculty, Keck Center for
Integrative Neuroscience;
Faculty, Biological Sciences
Graduate Program

Susan M. Chang, MD

Professor and Vice Chair of
Neurological Surgery; Lai Wan Kan
Endowed Chair; Director, Division of
Neuro-Oncology; Neuro-Oncology
Program of the Brain Tumor
Research Center

Jason Davies MD, PhD

Endovascular Neurosurgery
Fellow/University at Buffalo
Neurosurgery, State University of
New York at Buffalo

Melanie Henry, MD

Associate Professor of Anesthesia
and Perioperative Care

Sanjay Dhall, MD

Associate Professor of Neurological
Surgery; Director, Spinal
Neurotrauma Program, San Francisco
General Hospital

Nalin Gupta, MD, PhD

Professor of Neurological Surgery
and Pediatrics; Dennis Bruce
Dettmer Endowed Chair in Pediatric
Neurosurgery; Chief, Division of
Pediatric Neurosurgery; Principal
Investigator, Brain Tumor
Research Center

COURSE FACULTY (CONTD)

Line Jacques, MD

Professor of Clinical Neurological
Surgery; Chief of Peripheral Nerve
and Pain Surgery

Paul S. Larson, MD

Associate Professor and Vice Chair
of Neurological Surgery; Chief of
Neurosurgery, San Francisco VA
Medical Center; Principal Investigator,
Movement Disorders Research

Michael T. Lawton, MD

Professor and Vice Chair of
Neurological Surgery; Tong Po Kan
Endowed Chair; Chief,
Cerebrovascular and Skull Base
Surgery Programs; Director,
Cerebrovascular Disorders Program;
Principal Investigator, Cerebrovascular
Research

Geoffrey Manley, MD, PhD

Professor and Vice Chair of
Neurological Surgery; Co-Director
and Principal Investigator, Brain and
Spinal Injury Center (BASIC); Chief of
Neurosurgery, San Francisco General
Hospital

Michael W. McDermott, MD

Professor and Vice Chair of
Neurological Surgery; Halperin
Endowed Chair; Neurosurgical
Director, UCSF Gamma Knife®
Radiosurgery Program

Praveen V. Mummaneni, MD

Professor and Vice Chair of
Neurological Surgery; Director,
Minimally Invasive and Cervical Spine
Surgery; Surgery; Director, Minimally
Invasive and Complex Spine
Fellowship Program; Co-Director,
UCSF Spine Center

Philip A. Starr, MD, PhD

Professor of Neurological Surgery;
Dolores Cakebread Endowed Chair;
Co-Director, Functional Neurosurgery
Program; Surgical Director,
Parkinson's Disease Research,
Education and Care Center
(PADRECC) at San Francisco
Veteran's Affairs Medical Center

Peter Sun, MD

Pediatric Neurosurgeon,
Sutter Health, California Pacific
Medical Center

Philip Theodosopoulos, MD

Professor and Vice Chair of
Neurological Surgery;
Director, Skull Base Tumor Program

faculty

10th Annual Spine Symposium

May 29 - 30, 2015
Hilton Financial District
San Francisco, CA

Spinal Surgery Bioskills Lab: Techniques and Advances

November 6 - 7, 2015
MERIN – Henderson, NV
vDara Hotel – Las Vegas, NV



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San Francisco, CA
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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.

GENERAL INFORMATION

Pre-registration is preferred to ensure that registrants receive a syllabus at the course. Generally we are able to accommodate on-site registration at the course. Pre-registration closes at 3:00PM PST on Tuesday, August 4, 2015. On-site registration fees will apply after that date.

HOW TO ENROLL

Tuition*: **\$400** Practicing Physicians
\$300 Nurses/Pharmacists/Allied Health Professionals
\$200 Residents/Fellows

* On-site registration will be \$50 additional.

Payment may be made by Visa, MasterCard, AmEx or check.

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 registration status, please call the UCSF CME Registration Office at (415) 476-5808.

Please check our website for up-to-date information on the course: www.cme.ucsf.edu.

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

Silverado Resort and Spa is your gateway to the enchanting allures of Napa Valley. Tucked into the rolling hills of California's world-famous Wine Country, the resort combines state-of-the-art business facilities with endless recreational possibilities.

A block of guestrooms has been reserved at the special UCSF conference rate of **\$250/night** plus a \$22 per night resort fee and applicable occupancy tax. You are urged to make your reservations early. The cut off date is **July 7, 2015**, 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, please call 800-532-0500 and identify yourself as a member of this UCSF conference to receive the special rate.

You may make hotel reservations on-line by visiting the course webpage on our website at www.cme.ucsf.edu. Please click on the More Info tab next to the course listing in the CME Calendar and you'll find the reservations link in the Travel & Lodging section.

If you prefer, you can phone the Silverado at 800-532-0500 and identify yourself as a member of this UCSF conference to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to identification number # 03BW0134, 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 tour codes to book on your own:

United www.united.com Offer Code: ZUG3827630

general info

NEUROSURGERY UPDATE 2015**MNS16001****August 6 - 8, 2015****Silverado Resort • Napa, California**

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. ☐ Ms. ☐ Mr. ☐ Mrs.

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

Pre-registration closes at 3:00PM PST on Tuesday, August 4, 2015. On-site registration fees will apply after that date.

- ☐ **\$400** Physicians
☐ **\$300** Nurses/Pharmacist/Allied Health Professionals
☐ **\$200** Residents/Fellows

* On-site registration will be \$50 additional.

Wine Tasting Reception – Thursday 8/6/15

Please confirm below so we may plan for the appropriate number of people

- ☐ I will attend the Thursday Reception (included in tuition) ☐ I will not attend
☐ I will bring a guest @ \$50 each (limited to one adult guest/ no one under 21 permitted)

Winery Dinner – Friday 8/7/15

Please confirm below so we may plan for the appropriate number of people

- ☐ I will attend the Friday Winery Dinner @ \$125.00 ☐ I will not attend
 Meal Choice: ☐ Beef ☐ Fish ☐ Vegetarian
☐ I will bring a guest @ \$125 each (limited to one adult guest/ no one under 21 permitted)
 Meal Choice: ☐ Beef ☐ Fish ☐ Vegetarian

Make checks 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 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.

Silverado Resort

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