Endonasal Pituitary Surgery for the Otolaryngologist with Optional Cadaver Lab

PITUITARY COURSE CHAIR
Ivan H. El-Sayed, MD, FACS
Special Guest: Ricardo Carrau, MD
COURSE OVERVIEW
This course is designed for otolaryngologists and neurosurgeons interested in endoscopic approaches to the pituitary sella. In recent years there has been a trend for neurosurgeons to address tumors of the pituitary with an endoscopic transnasal approach. This results in a close collaboration of the two specialties. A panel of experts will present common surgical indications, pre- and post-operative care, surgical anatomy, and strategies for successful patient management. In the afternoon, attendees will practice surgical techniques in a hands-on lab at UCSF’s high-tech Anatomy Learning Center.

LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:
- Identify the basic anatomy of the nasal cavity and paranasal sinuses;
- Describe the endoscopic landmarks and surrounding anatomy of the pituitary gland and sella;
- Describe common pituitary tumors and nonsurgical treatments;
- Discuss the rational for endocrine management strategies after pituitary surgery;
- Describe important landmarks for approach to the pituitary gland;
- Perform the expanded endonasal endoscopic approach to the pituitary sella;
- Identify available local flaps for closure of pituitary defects and CSF leaks;
- Describe non-vascularized closure techniques of cranial defects;
- Employ nasal hygiene strategies after endonasal pituitary surgery.
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Eustachian Tube Dilation – a Breath of Fresh Air</td>
<td>Aaron D. Tward</td>
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<td>8:20</td>
<td>CSF Leak Patients: What Do I Do and What Happens Next?</td>
<td>Jose Gurrola Il</td>
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<td>8:40</td>
<td>Office-based Sotradecol for HHT</td>
<td>Jay Piccirillo</td>
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<td>9:00</td>
<td>HPV-related Head and Neck Cancer: Demystifying the Disease</td>
<td>Chase M. Heaton</td>
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<td>Questions</td>
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<td>9:30</td>
<td>KEYNOTE ADDRESS</td>
<td>Robert Wachter</td>
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<tr>
<td>10:10</td>
<td>Coffee Break</td>
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<td>10:30</td>
<td>New Dimensions in Facial Feminization Surgery</td>
<td>P. Daniel Knott</td>
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<td>10:50</td>
<td>Anesthesia and the Young Child</td>
<td>David Conrad</td>
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<td>11:10</td>
<td>Frontal Sinus – From Balloons to Obliteration</td>
<td>Andrew N. Goldberg</td>
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<td>11:30</td>
<td>Update on Medical and Surgical Options for Pediatric OSA</td>
<td>Garani S. Nadaraja</td>
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<td>12:00</td>
<td>Lunch (On Your Own)</td>
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<tr>
<td>1:30</td>
<td>Endoscopic Orbital Surgery</td>
<td>Ricardo Carrau</td>
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<td>1:50</td>
<td>Update on Management of Meniere's Disease</td>
<td>Jeffrey Sharon</td>
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<td>2:10</td>
<td>A New Field? Anterolateral Skull Base Surgery</td>
<td>Ivan H. El-Sayed</td>
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<td>2:30</td>
<td>Tinnitus – Neurobiology and New Treatments</td>
<td>Jay Piccirillo</td>
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<td>3:20</td>
<td>CMV- a Treatable Form of Congenital Hearing Loss?</td>
<td>Dylan K. Chan</td>
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<td>3:40</td>
<td>A Practical Approach to the Adult Patient with Dysphagia</td>
<td>Ricardo Carrau</td>
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<td>4:00</td>
<td>Allergic Fungal Sinusitis</td>
<td>Patricia A. Loftus</td>
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<tr>
<td>4:20</td>
<td>Questions</td>
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<td>4:45</td>
<td>PANEL DISCUSSION: Pediatric Otolaryngology</td>
<td>Kristina W. Rosbe</td>
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<td>Moderator: Kristina W. Rosbe</td>
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<td>Panelists: Dylan K. Chan, Garani S. Nadaraja, Jordan Virbalas</td>
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<td>Jacqueline Weinstein</td>
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Friday, November 3, 2017

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:55</td>
<td>Opening Remarks</td>
<td>Steven D. Pletcher</td>
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<tr>
<td>8:00</td>
<td>Odontogenic Sinus Disease: Implants, Cysts, and Tumors</td>
<td>Anna K. Meyer</td>
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<td>8:20</td>
<td>Fetal Surgery – The Otolaryngologist's Role in the EXIT Procedure</td>
<td>Charles J. Limb</td>
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<td>8:40</td>
<td>Bone-anchored Hearing Solutions Update</td>
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<td>9:00</td>
<td>KEYNOTE ADDRESS</td>
<td>Randal Weber</td>
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<td>9:40</td>
<td>Coffee Break</td>
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<td>10:10</td>
<td>Nasal Polyps – New Therapies and Perspectives</td>
<td>Andrew H. Murr</td>
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<td>10:30</td>
<td>Neurovascular Complications of ESS</td>
<td>Ricardo Carrau</td>
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<td>10:50</td>
<td>Sialendoscopy: Durability of Outcomes</td>
<td>William R. Ryan</td>
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<td>11:10</td>
<td>Update on Treatment of Sudden Hearing Loss</td>
<td>Steven W. Cheung</td>
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<td>11:30</td>
<td>Vascular Anomalies – an Evidence-based Update</td>
<td>Josephine Czechowicz</td>
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<td>12:00 pm</td>
<td>Lunch (On Your Own)</td>
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**MODERATOR • PATRICK HA, MD, FACS**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:30</td>
<td>Transoral Robotic Surgery and the Unknown Primary</td>
<td>Patrick Ha</td>
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<td>1:50</td>
<td>Hypoglossal Nerve Stimulation for OSA – It’s Here!</td>
<td>Jolie L. Chang</td>
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<td>2:10</td>
<td>Endoscopic Ear Surgery – What Lurks Around the Corner…</td>
<td>Aaron D. Tward</td>
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<td>HPV and Oropharyngeal Cancer – Trends, Prevention, Counseling</td>
<td>Joel Palefsky</td>
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<td>Questions</td>
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<td>Coffee Break</td>
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<td>3:40</td>
<td>Low-risk Thyroid Cancer – What Makes Sense?</td>
<td>Marika D. Russell</td>
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<td>4:00</td>
<td>Facial Reanimation – My Perspective</td>
<td>Rahul Seth</td>
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<td>4:20</td>
<td>MOC: Would You Want Your Doctor to be Board Certified?</td>
<td>Randal Weber</td>
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<td>4:40</td>
<td>Adjourn for Breakout Session</td>
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**Saturday, November 4, 2017**

**MODERATOR • CHARLES J. LIMB, MD**

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:55</td>
<td>Opening Remarks</td>
<td>Megan Durr</td>
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<td>8:00</td>
<td>DISE in Selection of Surgical Treatment for OSA</td>
<td>Matthew Russell</td>
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<td>8:20</td>
<td>Deep Neck Infection – Current Management Perspective</td>
<td>Randal Weber</td>
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<td>8:40</td>
<td>Non-melanoma Skin Cancer: Not Everything is Skin Deep</td>
<td>Laura Kirk</td>
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<td>9:00</td>
<td>Top 5 Ways an AHP Will Enhance Your Practice</td>
<td>Jonathan George</td>
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<td>9:20</td>
<td>When Thyroid Cancer Goes Crazy…</td>
<td>P. Daniel Knott</td>
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<td>9:40</td>
<td>New Developments in Non-invasive Facial Rejuvenation</td>
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<td>10:00</td>
<td>Coffee Break</td>
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<td>10:20</td>
<td>Cochlear Implants for Single-sided Deafness</td>
<td>Charles J. Limb</td>
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<td>10:40</td>
<td>Irritable Larynx and Chronic Cough: the Behavioral Perspective</td>
<td>Sarah L. Schneider</td>
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<td>11:00</td>
<td>Revision Pituitary Surgery</td>
<td>Jose Gurrola II</td>
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<td>11:40</td>
<td>Questions</td>
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<td>12:00 pm</td>
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**COURSE OVERVIEW**

An outstanding group of faculty will discuss technical advances in the fields of rhinology and sinus surgery, endoscopic skull base surgery, head and neck oncologic surgery, otology/neurotology, pediatric otolaryngology, sleep apnea, and facial plastic surgery. This symposium is dedicated to state-of-the-art practice with an emphasis on new diagnostic and treatment methods, new technology, and new surgical strategies for the contemporary practice of Otolaryngology/Head and Neck Surgery. Policy, value-based care, and the digital revolution will also be topics for discussion. Small group sessions will be available to discuss individual cases and to have more intimate time with the faculty. The target audience for the course is practicing otolaryngologists.
LEARNING OBJECTIVES

Upon completion of this course, participants should be able to:

- Select new treatments of tinnitus based upon neurobiology;
- Apply the latest treatment guidelines for the use of Eustachian Tube dilation techniques;
- Assess changes in current practice pertaining to pediatric and adult obstructive sleep apnea treatment;
- Discuss societal expectations of competency and the role of maintenance of certification in securing consumer confidence;
- Appraise the current role of trans-oral robotic surgery in the treatment paradigm of the unknown primary cancer;
- Apply endoscopic sinus surgery techniques to skull base tumor surgery;
- Assess the current state of Meniere's Disease therapeutic options and the current state of applicability of bone anchored hearing aids;
- Employ a variety of options in the consideration of re-animating the paralyzed face;
- Select the most appropriate options that can be employed to evaluate, treat, and follow patients with CSF leaks;
- Counsel patients on the current state of sialendoscopy and outcomes of the technique in different disease processes.

OTOLARYNGOLOGY UPDATE COURSE CHAIRS

Andrew N. Goldberg, MD, MSCE
Professor and Vice Chair, Department of Otolaryngology-Head & Neck Surgery
University of California, San Francisco

GUEST FACULTY

Ricardo L. Carrau, MD
Professor of Otolaryngology-Head & Neck Surgery
The Ohio State University Medical College, Columbus, OH

Megan Durr, MD
Otolaryngology-Head and Neck Surgery Specialist
Kaiser Permanente Oakland Medical Center and Richmond Medical Center, CA

Jay F. Piccirillo, MD, FACS
Professor, Otolaryngology - Head and Neck Surgery
Director, Clinical Outcomes Research Office
Washington University School of Medicine, St. Louis, MO

Randal S. Weber, MD, FACS
John Brooks Williams and Elizabeth Williams Distinguished University Chair in Cancer Medicine, Department of Head and Neck Surgery, Division of Surgery, The University of Texas MD Anderson Cancer Center, Houston, TX

UCSF FACULTY

(Department of Otolaryngology-Head and Neck Surgery unless indicated)

Manish K. Aghi, MD, PhD
Professor of Neurological Surgery, Brain Tumor Research Center at UCSF

Lewis Blevins, Jr., MD
Professor of Medicine and of Neurological Surgery, Medical Director, California Center for Pituitary Disorders at UCSF

Dylan K. Chan, MD, PhD
Assistant Professor, Division of Pediatric Otolaryngology

Jolie L. Chang, MD, FACS
Assistant Professor, Division of General Otolaryngology

Steven W. Cheung, MD, FACS
Professor, Division of Otolaryngology, Neurotology, and Skull Base Surgery

David Conrad, MD
Assistant Professor, Division of Pediatric Otolaryngology

Josephine Czechowicz, MD
Assistant Professor, Division of Pediatric Otolaryngology

Jonathan R. George, MD
Assistant Professor, Division of Otolaryngology-Head and Neck Surgery

Jose G. Gurrola, II, MD
Assistant Professor, as of July 2017, Division of Rhinology and Sinus Surgery

Patrick Ha, MD, FACS
Professor and Director, Division of Head and Neck Surgical Oncology

Chase M. Heaton, MD
Assistant Professor, Division of Head and Neck Surgical Oncology

Laura Kirk, MSPAS, PA-C
Senior Physician Assistant Supervisor in Otolaryngology – Head and Neck Surgery

P. Daniel Knott, MD
Associate Professor and Director, Division of Facial Plastic and Reconstructive Surgery

Charles J. Limb, MD
Professor, Director, Division of Otolaryngology, Neurotology and Skull Base Surgery

Patricia A. Loftus, MD
Assistant Professor, Division of Rhinology and Sinus Surgery

Anna K. Meyer, MD
Associate Professor, Division of Pediatric Otolaryngology

Garani S. Nadaraja, MD
Assistant Professor, Division of Pediatric Otolaryngology

Joel Palefsky, MD
Infectious Disease Specialist, Professor of Medicine and Laboratory Medicine

Steven D. Pletcher, MD
Associate Professor, Division of Rhinology and Sinus Surgery

Marika D. Russell, MD, FACS
Assistant Professor; Interim Chief of Otolaryngology – Head and Neck Surgery at Zuckerberg San Francisco General Hospital and Trauma Center

Matthew S. Russell, MD, FACS
Assistant Professor, Division of General Otolaryngology

William R. Ryan, MD, FACS
Associate Professor, Division of Head and Neck Surgical Oncology

Sarah L. Schneider, MS, CCC-SLP
Speech Language Pathology Director; Assistant Professor, Department of Otolaryngology – Head and Neck Surgery

Rahul Seth, MD
Assistant Professor, Division of Facial Plastic and Reconstructive Surgery

Jeffrey Sharon, MD
Assistant Professor, Division of Otolaryngology, Neurotology, and Skull Base Surgery

Aaron D. Tward, MD, PhD
Assistant Professor, Division of Otolaryngology, Neurotology and Skull Base Surgery

Jordan Virbalas, MD, FACS
Assistant Professor, Division of Pediatric Otolaryngology

Robert M. Wachter, MD
Professor and Chair, UCSF Department of Medicine

Jacqueline Weinstein, MD
Assistant Professor, Division of Pediatric Otolaryngology
GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course. On site registration fees, if applicable, will be applied after this date.

HOW TO ENROLL

UCSF Otolaryngology Update – November 2nd-4th

Tuition: $725 Physicians
$625 Nurses/Pharmacists/Allied Health Professionals/Residents/Fellows

Endonasal Pituitary Surgery for the Otolaryngologist - November 1st

Tuition*: $300 Physicians – Morning Lectures
$200 Nurses/Allied Health Professionals – Morning Lectures
$150 Residents/Fellows – Morning Lectures
$800* Afternoon Hands-On Lab (Enrollment Limited)

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

* Register for the Otolaryngology Update Course November 2nd-4th and receive $100 off your registration fee for the Endonasal Pituitary Surgery Hands-On Lab

Online: cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
UCSF Office of Continuing Medical Education
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 UCSF's CME Registration Office at (415)476-5808.

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

On-Site Registration: Generally we are able to accommodate on-site registration at our courses however pre-registration is preferred to ensure that we have adequate course materials.

CONFERENCE LOCATION

Enjoy San Francisco's renowned attractions such as the historic cable cars, shopping in Union Square, Chinatown, or visit San Francisco's culinary hub at the Ferry Building.

A block of guestrooms has been reserved at the historic Palace Hotel at the special UCSF conference rate of $355 per night. You are urged to make your reservations early. The cut-off date is October 18, 2017, or until the group room block is filled.

To make hotel reservations online, call 888-627-7196. Please identify yourself as a member of the UCSF Otolaryngology conference to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

ADDITIONAL TRAVEL INFORMATION

For rental car and air transportation discount codes, please visit the course website at www.OtoUpdateSF.com
COURSE REGISTRATION FORM

UCSF Otolaryngology Update 2017
Endonasal Pituitary Surgery for the Otolaryngologist
November 2-4, 2017 / November 1, 2017
Palace Hotel
San Francisco, California

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: __ __ / __ __ / X X

☐ Please indicate if you have any special needs: __________________________

Registration Fees:

UCSF Otolaryngology Update – November 2nd-4th
☐ $725  Physicians
☐ $625  Nurses/Pharmacists/Allied Health Professionals
☐ $625  Residents/Fellows

Endonasal Pituitary Surgery for the Otolaryngologist - November 1st
☐ $300  Physicians – Morning Lectures
☐ $200  Nurses/Pharmacists/Allied Health Professionals – Morning Lectures
☐ $150  Residents/Fellows – Morning Lectures
☐ $800* Afternoon Hands-On Lab (Enrollment Limited - must register by phone: 415-476-5808, or online)

* Register for the Otolaryngology Update Course November 2-4 and receive $100 off your registration fee for the Endonasal Pituitary Surgery Hands-on Lab

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 the first day of each course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

Endonasal Pituitary Surgery Hands-On Lab: Cancellations must be received in writing by October 1, 2017. No refunds will be made on cancellations received after that date.

Online registration: www.OtoUpdateSF.com
Registration Assistance: (415) 476-5808
Course Information: (415) 476-4251
Exhibitor Information: (415) 476-4253

Palace Hotel
2 Montgomery Street
San Francisco CA 94105
(415) 512-1111
http://www.sfpalace.com/
REGISTER TODAY!
For more information or to register online visit our website at cme.ucsf.edu. You may also reach us by calling the Office of Continuing Medical Education at (415) 476-4251 or emailing info@ocme.ucsf.edu.

UPCOMING COURSES

24th Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring
February 16-17, 2018
Grand Hyatt Hotel, San Francisco, CA

Pacific Rim Otolaryngology Head and Neck Surgery Update Conference
February 17-20, 2018
Moana Surfrider Hotel, Honolulu, HI

American College of Surgeons Thyroid, Parathyroid, and Neck Ultrasound
February 18-19, 2018
Moana Surfrider Hotel, Honolulu, HI

GREENER MEETINGS
We’re saving paper! The syllabus for each course will be transmitted electronically prior to the course.