THE CHANGING PRACTICE OF Anesthesia

Pre-Conference Workshops: September 18, 2014

- Anesthesia Simulator Workshop
- Hands-On Difficult Airway Management Workshop
- Ultrasound for Regional Anesthesia Workshop
- Hands-on Ultrasound for the Anesthesia Provider: Vascular Access and Intravascular Volume Assessment
The Changing Practice of Anesthesia is designed to update the clinician and increase competencies on some of the most significant advances in the field of Anesthesia. These changes include new developments in general and specialized areas of perioperative medicine, anesthesia, and critical care. In addition, attendees will participate in case-based discussions with an option of four interactive workshops that will be conducted on September 18, 2014:

- Anesthesia Simulator Workshop
- Hands-On Difficult Airway Workshop
- Ultrasound for Regional Anesthesia Workshop
- Hands-On Ultrasound for the Anesthesia Provider: Vascular Access and Intravascular Volume Assessment

Upon completion of the educational activity participants should:

- take steps in practice to minimize the possibility of infection originating in the operating room;
- utilize clinical pathways presented at the course for select surgical procedures;
- apply considerations from the course in deciding how and when to use ketamine and other non-opioid treatments in the hospital for postoperative pain;
- understand pharmacology of agonist-antagonists opioids and how they complicate the management of postoperative pain;
- know how anesthesia services are delivered in the United States and the legislative bodies that govern who can deliver these services;
- assess quality of care as anesthesia providers in their own healthcare setting;
- apply knowledge of the pathophysiology of severe cardiopulmonary disease when administering anesthesia in those cases;
- appropriately eliminate unnecessary consultations and laboratory tests preoperatively;
- appropriately assess the implications of new anticoagulants on patient care, including increased risk of intraoperative bleeding, neuraxial block, and reversible effects on coagulation during surgery.

EDUCATIONAL OBJECTIVES

THE CHANGING PRACTICE OF Anesthesia

WESTIN SAN FRANCISCO MARKET STREET • SAN FRANCISCO, CALIFORNIA

September 19-21, 2014

ACCRREDITATION

Physicians

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 18.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. In addition, there are the following pre-course options (September 18th, 2014):

- Anesthesia Simulator Workshop (MAN15001A/B) UCSF designates this live activity for a maximum of 2.00 AMA PRA Category 1 Credits™.
- Hands-On Difficult Airway Management Workshop (MAN15001C) UCSF designates this live activity for a maximum of 8.00 AMA PRA Category 1 Credits™.
- Ultrasound for Regional Anesthesia Workshop (MAN15001D/E) UCSF designates this live activity for a maximum of 4.00 AMA PRA Category 1 Credits™.
- Hands-On Ultrasound for the Anesthesia Provider (MAN15001F/G) UCSF designates this live activity for a maximum of 4.00 AMA PRA Category 1 Credits™.

For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME.
THURSDAY, SEPTEMBER 18, 2014
Educational objectives and registration are available online only at www.ucsfchangingpracticeofanesthesia.com

### Anesthesia Simulator Workshop
**Department of Anesthesia Center for Health Care Simulation at San Francisco General Hospital (SFGH)**

**Session A** 8:00 – 10:00 am / **Session B** 10:30 am – 12:30 pm

**Workshop Sessions are limited to 4 participants per session**

Registration Fee: $275 Physicians/CRNA

Registration is ONLY available online at [https://www.cme.ucsf.edu](https://www.cme.ucsf.edu)

**Directors:** Manuel C. Pardo Jr., MD • Adam B. Collins, MD

This program is designed to provide the practitioner with an opportunity to apply baseline knowledge and skills in the management of perioperative medical crises in an immersive learning environment. The participants then undergo guided reflection to improve future practice performance. Details of medical management will be discussed, as well as proper crisis management behaviors. The course includes a brief introduction, followed by several realistic OR-based patient simulations. Scenarios will be recorded and reviewed immediately afterwards in a debriefing conference.

### Hands-On Difficult Airway Management Workshop
**Westin San Francisco Market Street**

**Session C is limited to 36 participants. Faculty to registrant ratio = 1:3**

Registration Fee: $395 Physicians/CRNA • Time 8:00 am – 5:00 pm

Registration is ONLY available online at [https://www.cme.ucsf.edu](https://www.cme.ucsf.edu)

**Directors:** Patricia A. Roth, MD • Robin Stackhouse, MD

This full day hands-on Workshop begins with live demonstrations and presentations that detail various situations in which the airway cannot be established through conventional means. This will be immediately followed by interactive hands-on training where participants will learn and practice airway management techniques using an up-to-date selection of airway management equipment that covers the entire difficult airway algorithm.

### Ultrasound for Regional Anesthesia Workshop
**Westin San Francisco Market Street**

**Workshop Sessions are limited to 16 participants per session**

Registration Fee: $325 Physicians/CRNA

Registration is ONLY available online at [https://www.cme.ucsf.edu](https://www.cme.ucsf.edu)

**Director:** Andrew T. Gray, MD, PhD

**Session D** 8:00 am – 12:00 pm • **BASIC Course**

The purpose of this activity is to provide the practitioner with an introduction to ultrasound guidance for regional blocks. Instruction includes both didactic and hands-on sessions. Each student will use ultrasound equipment to scan live and phantom models. Fundamentals of ultrasound equipment and approaches to upper and lower extremity blocks will be covered in detail.

**Session E** 1:00 pm - 5:00 pm • **ADVANCED Course**

The purpose of this activity is to provide the practitioner with advanced skills in ultrasound guided regional blocks. Instruction includes both didactic and hands-on sessions. Each student will use ultrasound equipment to scan live models. Advanced techniques for regional anesthesia of the trunk (including TAP and paravertebral blocks), head and neck (including cervical plexus blocks), newer blocks (adductor canal) and catheter placement techniques will be covered.

### Hands-on Ultrasound for the Anesthesia Provider: Vascular Access and Intravascular Volume Assessment
**Westin San Francisco Market Street**

**Workshop Sessions are limited to 16 participants per session**

Registration Fee: $275 Physicians/CRNA

Registration is ONLY available online at [https://www.cme.ucsf.edu](https://www.cme.ucsf.edu)

**Director:** John M. Taylor, MD • **Special Guest Instructor:** Christopher F. Barnett, MD, MPH

**Session F** 8:00 am-12:00 pm / **Session G** 1:00 pm – 5:00 pm

The purpose of this activity is to provide the practitioner with the necessary skills to successfully use ultrasound guidance for vascular access and as an aid to evaluate cardiac function, intravascular volume status and for the presence of pneumothorax. Instruction includes both didactic and hands-on sessions and covers basic and advanced uses for ultrasound imaging. Each student will use ultrasound equipment for scanning using live and phantom models.
FRIDAY, SEPTEMBER 19, 2014

7:00 am Registration and Continental Breakfast

8:00 Opening Remarks and Course Overview Michael Gropper, MD, PhD
8:10 Overview of the Practice of Anesthesia Jeanine Wiener-Kronish, MD
8:50 Peri-operative Medicine and Healthcare Reform: Challenges and Opportunities for Anesthesiology Joseph Antognini, MD, MBA
9:10 Discussion

PERI-OPERATIVE INFECTION • Moderator: Una Srejic, MD
9:25 Infection Control in the OR: Perspectives from ID and Anesthesia Robin Stackhouse, MD Catherine Liu, MD
10:15 Discussion
10:25 Break

CLINICAL PATHWAYS AS A TRANSITION TO THE SURGICAL HOME • Moderator: Errol Lobo, MD, PhD

10:45 Collectomy Lee-Lynn Chen, MD
11:10 CAD and Non-cardiac Surgery Arthur Wallace, MD, PhD
11:35 Total Knee and Total Hip Replacement, a Fast Track Muhammad I. Shaikh, MD, PhD
11:55 Discussion

12:10 pm Lunch

PA IN M AN AG EM EN T • Moderator: Mark Latronica, MD

1:30 Securing Hospital Approval for Ketamine Use on the Wards Mark Schumacher, MD, PhD
1:55 New Developments in the Management of Acute Pain Ramana Naidu, MD
2:20 Management of Patients on High Dose Opioids and Agonist-Antagonists Mario De Pinto, MD
2:45 Discussion
2:55 Break

PROVIDERS OF ANESTHESIA CARE • Moderator: James Marks, MD, PhD

3:15 CRNA’s Past, Present, and Future Leigh-Ann Langford, MSN, CRNA
3:40 Anesthesia Assistants David Shimabukuro, MD, CM
4:05 Staffing of Anesthesia Personnel at a Large Health Maintenance Organization Mark S. Thoma, MD
4:30 Discussion
5:00 pm Hosted Reception/Wine Tasting

SATURDAY, SEPTEMBER 20, 2014

7:00 am Continental Breakfast

QUALITY OF CARE IN THE PRACTICE OF ANESTHESIA • Moderator: Spencer Yost, MD

8:05 Closed Claims Reports: Review of Anesthetic Complications Jae Woo Lee, MD Michael Gropper, MD, PhD
8:30 Quality Improvement in Peri-operative Care Discussion
8:55

PATIENTS WITH SEVERE CARDIOPULMONARY DISEASE (NON-CARDIAC SURGERY) Moderator: Kevin Thornton, MD

9:10 Severe Pulmonary Hypertension Ronald Pearl, MD
9:35 Cardiomyopathy, Left Ventricular Assist Devices Lundy Campbell, MD
10:00 The Patient with Aortic Stenosis Presenting for Non-cardiac Surgery Jamie Ramsay, MD
10:25 Discussion
10:35 Break

TRAUMA • Moderator: Ronald D. Miller, MD

10:50 Transforming Research and Clinical Knowledge in Traumatic Brain Injury Geoffrey Manley, MD
11:15 Crisis Management Checklists Jens Krombach, MD
11:40 Resuscitation and Transfusion for Trauma Mitchell J. Cohen, MD
12:05 pm Discussion
SATURDAY, SEPTEMBER 20, 2014 (CONT’D)

12:20  Lunch

PRE-OPERATIVE EVALUATIONS  •  Moderator: Daniel Burkhardt, MD

1:45  Judicious Use of Pre-operative Consultants  Rachael McKay, MD
2:10  Relative Costs of Pre-operative Tests: Choosing Wisely  Catherine L. Chen, MD, MPH
2:35  Pre-operative Optimization  Jeanine Wiener-Kronish, MD
3:00  Discussion
3:15  Break

NEURO-ANESTHESIA  •  Moderator: Lingzhong Meng, MD

3:30  Anesthesia for Endovascular Treatment of Acute Ischemic Stroke  Chanhung Lee, MD
3:55  Recent Developments in Neuro-Anesthesia  Adrian W. Gelb, MD
4:20  Discussion

PHARMACOLOGY  •  Moderator: Matthias Braehler, MD, PhD

4:30  Intraoperative Agents and Techniques to Reduce Postoperative Pain  Matthias Behrends, MD
4:55  Review of the New Anti-coagulants  Linda Liu, MD
5:20  Discussion
5:30  Adjourn

SUNDAY, SEPTEMBER 21, 2014

7:00 am  Continental Breakfast
8:00  Participants may select one of the five workshops below:

1  •  Challenging Cases in Regional Anesthesia
   Pedram Aleshi, MD / Sakura Kinjo, MD / Matthias Braehler, MD, PhD / Matthias Behrends, MD

2  •  Difficult Airway Cases and Equipment
   Patricia A. Roth, MD

3  •  Peri-operative Issues for the Cardiac Patient Undergoing Non-cardiac Surgery
   Jamie Ramsay, MD / Victor Ng, MD / Lundy Campbell MD

4  •  Development of the Surgical Home in Private Practice
   Marc Schroeder, MD / John Donovan, MD, MBA / Eric Y. Lin, MD / Tessa Collins, MD

5  •  Unusually Difficult Pediatric Cases
   Marla Ferschl, MD / Maurice Zwass, MD / David Robinowitz, MD, MHS, MS

9:45 - 10:15  Break

10:15  Participants may select one of the five workshops below:

1  •  Global Anesthesia Outreach Services
   Gerald Dubowitz, MB, ChB / Philip E. Bickler, MD, PhD / Anthony M. Roche, MB, ChB
   Faye M. Evans, MD / Michael Lipnick, MD / Patricia Weott, CRNA

2  •  Difficult Airway Cases and Equipment
   Patricia A. Roth, MD

3  •  Anesthesia for Thoracic Surgery:
   Challenges, Techniques for Lung Isolation, and Difficult Cases
   John Turnbull, MD / J. Matthew Aldrich, MD / Kevin Thornton, MD / Lundy Campbell, MD

4  •  Case Studies in Obstetrical Anesthesia
   Jennifer Lucero, MD / Mark Rollins, MD, PhD / Pedram Aleshi, MD

5  •  Unusually Difficult Pediatric Cases
   Marla Ferschl, MD / Maurice Zwass, MD / David Robinowitz, MD

12:00 pm  Adjourn
GENERAL INFORMATION

Pre-registration is preferred.

HOW TO ENROLL

Main Course

Tuition:
- $575 Physician
- $500 Allied Health Professionals/HPs/CRNAs
- $275 Residents and Fellows

Additional Workshop Fees –
Registration is ONLY available online at www.ucsfchangingpracticeofanesthesia.com

Anesthesia Simulator Workshop: MAN15001A/B
- Workshop sessions are limited to 4 people per session.
- $275 Physicians/CRNA

Hands-On Difficult Airway Management Workshop: MAN15001C
- Workshop session is limited to 36 people.
- $395 Physicians/CRNA

Ultrasound for Regional Anesthesia Workshop: MAN15001E/D
- Workshop session is limited to 16 people per session.
- $325 Physicians/CRNA

Hands-on Ultrasound for the Anesthesia Provider: Vascular Access and Intravascular Volume Assessment: MAN1301F/G
- Workshop session is limited to 16 people per session.
- $275 Physician/CRNA

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

Online: www.ucsfchangingpracticeofanesthesia.com
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: UCSF Office of CME (415) 476-5808
On-Site Registration: Generally we are able to accommodate on-site registration at our courses however pre-registration is preferred

CONFERENCE LOCATION

Enjoy San Francisco’s renowned attractions. The Westin San Francisco Market Street is just steps from Powell Street BART station, the historic Cable Car Turnaround, the Westfield San Francisco Shopping Center, San Francisco’s famed Union Square, Yerba Buena Gardens, San Francisco Museum of Modern Art, the Theater District, and San Francisco’s culinary hub at the Ferry Building.

A block of guestrooms has been reserved at the special UCSF conference rate of $269 per night, which includes complimentary in-room wireless internet. You are urged to make your reservations early. The cut-off date is August 18, 2014, or until the group room block is filled.

To make hotel reservations online, go to www.ucsfchangingpracticeofanesthesia.com and click on the hotel link in the Travel & Lodging section of the course webpage. If you prefer to make your reservations by phone, please call (888) 625-5144. Be sure to identify yourself as a member of the UCSF conference to obtain the preferred rate.

By staying at the host hotel, you help the University of California meet its contractual obligations and keep future registration fees reasonable.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to identification number #03BW0133, 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 American and United Airlines for our course attendees. You may use the following tour codes to book on your own:

American – www.aa.com code: 3794BV
United – www.united.com code: ZQPP914327

GOT PAPER?... NOT

We will no longer be distributing a printed syllabus for this course – printing one consumes nearly 400,000 pieces of paper! Registrants will have access to all presentations on a conference website pre- and post-conference.

REFUNDS

Cancellations received in writing before the first day of the course and each course workshop will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.
The Changing Practice Of Anesthesia

September 19-21, 2014
Westin Market Street • 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. AANA# __________________________

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
☐ $575 Physicians AANA # __________________________
☐ $500 Allied Health Professionals/HPs/CRNAs
☐ $275 Residents and Fellows

Additional Workshop Fees – Registration is only online at www.cme.ucsf.edu

Make checks payable to UC Regents

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Card # __________________________ Expiration date __ __

Name on Card (Please Print) __________________________ Authorized Signature __________________________

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Please check our website for up to date information on the course:
www.ucsfchangingpracticeofanesthesia.com

ON-SITE REGISTRATION

Time: 7:00 am - 8:00 am
Date: September 19, 2014
Place: Westin San Francisco Market Street
50 Third Street
San Francisco, CA 94103
www.westinsf.com

Online registration: www.ucsfchangingpracticeofanesthesia.com
Registration Information: (415) 476-5808
Course Information: (415) 476-4251