

THE CHANGING PRACTICE OF **Anesthesia**

WESTIN SAN FRANCISCO MARKET STREET • SAN FRANCISCO, CALIFORNIA

FRIDAY - SUNDAY
September 19-21, 2014



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

WESTIN SAN FRANCISCO MARKET STREET • SAN FRANCISCO, CALIFORNIA

September 19-21, 2014

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

EDUCATIONAL OBJECTIVES

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.

ACCREDITATION

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™**.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

For the purpose of recertification, the American Nurses Credentialing Center accepts **AMA PRA Category 1 Credit™** issued by organizations accredited by the ACCME.



faculty

PROGRAM CHAIRS

Christina Inglis-Arkeel, MD

Assistant Professor, Department of Anesthesia and Perioperative Care

Merlin D. Larson, MD

Professor Emeritus, Department of Anesthesia and Perioperative Care

John Turnbull, MD

Assistant Professor, Department of Anesthesia and Perioperative Care

C. Spencer Yost, MD

Professor, Department of Anesthesia and Perioperative Care

DEPARTMENT CHAIR

Michael Gropper, MD, PhD

Professor and Acting Chair
Department of Anesthesia and Perioperative Care

VISITING FACULTY

Joseph Antognini, MD, MBA

Professor, Department of Anesthesia Interim Director, Perioperative Services
UC Davis Medical Center
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Faye M. Evans, MD

Associate in Perioperative Anesthesia
Department of Anesthesiology, Perioperative and Pain Medicine
Boston Children's Hospital
Boston, MA

Ronald Pearl, MD

Dr. Richard K. and Erika N. Richards Professor
Chairman, Anesthesiology, Perioperative and Pain Medicine
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Anthony M. Roche, MB ChB

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Global Health
Harborview Medical Center
University of Washington
Seattle, WA

Mark S. Thoma, MD

Chief, Anesthesia & Perioperative Care, Kaiser-Permanente, San Francisco, CA

Jeanine P. Wiener-Kronish, MD

Henry Isaiah Dorr Professor of Research and Teaching in Anaesthetics and Anaesthesia
Department of Anesthesia, Critical Care and Pain Medicine
Harvard Medical School
Anesthetist-in-Chief
Massachusetts General Hospital
Boston, MA

UCSF COURSE FACULTY

(Department of Anesthesia and Perioperative Care unless otherwise noted)

J. Matthew Aldrich, MD

Assistant Professor

Pedram Aleshi, MD

Assistant Professor

Matthias Behrends, MD

Associate Professor

Philip E. Bickler, MD, PhD

Professor

Matthias Braehler, MD, PhD

Associate Professor

Daniel H. Burkhardt, MD

Associate Professor

Lundy Campbell, MD

Associate Professor

Catherine L. Chen, MD, MPH

Resident

Lee-Lynn Chen, MD

Associate Professor

Mitchell J. Cohen, MD

Associate Professor
Department of Surgery

Adam B. Collins, MD

Associate Professor

Tessa Collins, MD

Assistant Professor

Mario De Pinto, MD

Associate Professor

John Donovan, MD, MBA

Assistant Professor

Gerald Dubowitz, MD, CHB

Associate Professor

Marla Ferschl, MD

Assistant Professor

Adrian W. Gelb, MD

Professor

Sakura Kinjo, MD

Associate Professor

Jens Krombach, MD

Associate Professor

Leigh-Ann Langford, MSN, CRNA

Senior Nurse Anesthetist

Mark L. Latronica, MD

Assistant Professor

Chanhung Lee, MD, PhD

Associate Professor

Jae Woo Lee, MD

Associate Professor

Eric Y. Lin, MD

Assistant Professor

UCSF COURSE FACULTY (CONT'D)

Michael Lipnick, MD

Resident

Catherine Liu, MD

Assistant Professor of Medicine
Division of Infectious Diseases

Linda Liu, MD

Professor

Errol Lobo, MD, PhD

Professor

Jennifer Lucero, MD

Assistant Professor

Geoffrey Manley, MD, PhD

Professor
Department of Neurological Surgery

James Marks, MD, PhD

Professor

Rachel McKay, MD

Professor

Lingzhong Meng, MD

Associate Professor

Ronald Miller, MD, MS

Professor Emeritus

Ramana Naidu, MD

Assistant Professor

Victor Ng, MD

Associate Professor

Jamie Ramsay, MD

Professor

David Robinowitz, MD, MHS, MS

Associate Professor

Mark Rollins, MD, PhD

Associate Professor

Patricia A. Roth, MD

Professor

Marc Schroeder, MD

Assistant Professor

Mark Schumacher, MD, PhD

Professor

Mohammed I. Shaikh, MD, PhD

Associate Professor

David Shimabukuro, MD, CM

Associate Professor

Una Srejcic, MD

Associate Professor

Robin Stackhouse, MD

Professor

Kevin Thornton, MD

Associate Professor

Arthur Wallace, MD, PhD

Professor

Patrica Weott, CRNA

Senior Nurse Anesthetist

Maurice Zwass, MD

Professor



THE CHANGING PRACTICE OF Anesthesia

THURSDAY, SEPTEMBER 18, 2014

Educational objectives and registration are available online only at www.ucsfchangingpracticeofanesthesia.com

Anesthesia Simulator Workshop

MAN15001A/B

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>

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

MAN15001C

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>

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

MAN15001D/E

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>

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

MAN15001F/G

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>

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.

September 19-21, 2014

FRIDAY, SEPTEMBER 19, 2014

7:00 am	<i>Registration and Continental Breakfast</i>	
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 Srejjic, MD		
9:25	Infection Control in the OR: Perspectives from ID and Anesthesia	Robin Stackhouse, MD Catherine Liu, MD
10:15	Discussion	
10:25	<i>Break</i>	
CLINICAL PATHWAYS AS A TRANSITION TO THE SURGICAL HOME • Moderator: Errol Lobo, MD, PhD		
10:45	Colectomy	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	<i>Lunch</i>	
PAIN MANAGEMENT • 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	<i>Break</i>	
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	<i>Hosted Reception/Wine Tasting</i>	

SATURDAY, SEPTEMBER 20, 2014

7:00 am	<i>Continental Breakfast</i>	
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
8:30	Quality Improvement in Peri-operative Care	Michael Gropper, MD, PhD
8:55	Discussion	
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	<i>Break</i>	
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	

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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	<i>Break</i>	

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	<i>Adjourn</i>	

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*

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 email info@ocme.ucsf.edu.



0569
University of California,
San Francisco
Office of Continuing
Medical Education
UCSF Box 0742
San Francisco, CA
94143-0742

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:

MAN15001D/E 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

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.

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.

The Changing Practice Of Anesthesia

September 19-21, 2014

Westin Market Street • San Francisco, California

MAN15001

Mail to : UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

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

☐ 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: ____ / ____ / **XX**
Month Day

 Please indicate if you have any special needs: _____

Registration Fees

- ☐ **\$575** Physicians
- ☐ **\$500** Allied Health Professionals/HPs/CRNAs
- ☐ **\$275** Residents and Fellows

AANA # _____

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

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 and each course workshop will be refunded, less a **\$75** administrative fee. No refunds will be made on cancellations received after that date.

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

