FRIDAY, NOVEMBER 6, 2015

7:00 a.m. | Registration and Continental Breakfast
Visit Exhibits

7:45-8:00 a.m. | Welcome & Course Objectives
Moderator: Stephen M. Macres, MD

8:00-8:40 a.m. | Perioperative Transthoracic Echocardiography (TTE) - Yes, You Can Do It!
Josh Zimmerman, MD, FASE

8:40-9:05 a.m. | Transesophageal Echocardiography (TEE): Yes, You Can Do That too!
Neal Fleming, MD

9:05-9:30 a.m. | Echo, Schmeco – Just Give Me Your Little Finger.
Non-Invasive Cardiac Monitoring
Neal Fleming, MD

9:30-9:45 a.m. | Panel Discussion / Q & A
Orode Badakhsh, MD, Neal Fleming, MD, Josh Zimmerman, MD, FASE
Moderator: Jeffrey Uppington, MD

9:45-10:15 a.m. | Refreshment Break / Visit Exhibits

10:15-10:40 a.m. | The Elderly Patient with Hip Fracture: Optimizing Perioperative Management
Stephen M. Macres, MD

10:40-10:55 a.m. | Regional Anesthesia Vignettes
Stephen M. Macres, MD

10:55-11:15 a.m. | Complex Regional Pain Syndrome: Anesthetic Challenge or Anesthetic Nightmare?
Kenneth Furukawa, MD

11:15-11:35 a.m. | Chronic Post Operative Pain Syndromes: What can we do to decrease the incidence?
Kenneth Furukawa, MD

11:35-12:15 p.m. | Day Case Knee Arthroplasty: The Future or Folly?
Robin J. Aldwinckle, MBBS, FRCA

12:15 p.m. | Adjourn

12:15-1:15 p.m. | Lunch for Workshop Participants

1:15 p.m. - 5:30 p.m. | Workshop
Ultrasound Applications for the Anesthesiologist
The Friday afternoon workshop will be a comprehensive review of Ultrasound Guided Peripheral Nerve Blockade, Transthoracic Echocardiography and Miscellaneous Applications.
Robin J. Aldwinckle, MBBS, FRCA, Orode Badakhsh, MD, Neal Fleming, MD, PhD, Kenneth Furukawa, MD, Stephen M. Macres, MD, and Josh Zimmerman, MD, FASE

MEET THE FACULTY NETWORKING RECEPTION
6:00 pm - 8:00 pm
Included in tuition, pre-registration required (guests invited for $35)

SATURDAY, NOVEMBER 7, 2015

Problem Based Learning Discussion
6:30 a.m. - 7:45 a.m.

1. Perioperative Management of the Opioid Dependent Patient: OMG! Who do you call?
Stephen M. Macres, MD

2. Phantom Limb Pain: Anything new on the horizon?
Kenneth Furukawa, MD

3. Perioperative Management of Cardiac Internal Electronic Devices.
Orode Badakhsh, MD

4. My Patient Stated that they had Heart Surgery during the first few days of life and the Surgeon wants to Operate now.
Neil Ray, MD

5. Perineural Adjuncts: Is this a Safe, Evidence Based Practice?
Robin J. Aldwinckle, MBBS, FRCA

7:00 a.m. | Registration and Continental Breakfast
Visit Exhibits

7:45-8:00 a.m. | Welcome & Course Objectives
Jeffrey Uppington, MD

8:00-8:30 a.m. | The Future of Anesthesiology
Richard Applegate, MD

8:30-8:50 a.m. | Anesthesia for the Trauma Patient: What is the triad of death and how do I prevent it?
Lara Moser, MD

8:50-9:10 a.m. | The Coagulopathy of Trauma: My patient is bleeding from everywhere. Now what do I do?
Lara Moser, MD

9:10-9:45 a.m. | Anesthetic Management of an Obstetric Patient with Heart Disease
Anna Kowalczyk, MD

9:45-10:15 a.m. | Refreshment Break / Visit Exhibits

10:15-10:55 a.m. | Creating Value
Gary Levin, MD

10:55-11:35 a.m. | I Don’t Care What You Call It, But Here’s More on How To Set Up Your Own Perioperative Surgical Home
Jeffrey Uppington, MD

11:35-12:15 p.m. | Learning from Past Mistakes – 3 Old Drugs are New Again
Neal Fleming, MD, PhD

12:15 p.m. | Adjourn

12:15-1:15 p.m. | Lunch for Workshop Participants
Anesthesia providers, by virtue of their training and field of medical practice, are considered the airway experts. Since most patients have normal and manageable airways, and since the incidence of airway related morbidity and mortality is extremely low, almost all of us are glad to accept that tag. But do all of us possess the same expertise and comfort level when presented with a known or unanticipated difficult airway? Do all of us consistently meet high standard of care when presented with such a situation? The answer is no, according to the 4th national audit project (NAP4), a UK based study of major airway complications across all hospitals belonging to the national health service, covering nearly three million general anesthetics. According to the data, airway management was judged to be ‘good’ in only 1/5th of cases. One third of cases had ‘poor’ airway management while the remainder had ‘good and poor’. Other findings from the NAP4 analysis included the following:

- Poor planning and ‘failure to plan for failure’ contributed to poor outcomes
- Awake fiberoptic intubation was not always used when indicated
- Difficult intubation was managed by multiple repeat attempts at intubation, often leading to a can’t intubate/can’t ventilate situation
- 60% emergency needle cricothyroidotomies failed
- Almost 1/3 of airway events during anesthesia occurred during emergence and recovery

The difficult airway workshop will address some of these issues. The emphasis will be on reviewing the pertinent literature and providing hands on experience with different techniques. There will be five skill stations, catering to small groups:

1. Video laryngoscopy station: The use of video laryngoscopy as primary or rescue airway device is becoming more and more popular. This station will focus on commonly used devices and their common applications.

2. Airway topicalization for awake intubation: The instructor will demonstrate an effective and reliable technique to topicalize the airway for awake nasal or oral intubation.

3. Flexible bronchoscopy: The participants will learn how to effectively operate the flexible scope for bronchoscopy and airway instrumentation.

4. Double lumen tube/bronchial blockers/airway exchange catheters: The participants will learn proper placement of double lumen tubes and bronchial blockers for lung isolation as well as use of airway exchange catheters for intubation and extubation strategies.

5. Surgical Airway: The participants will learn and practice techniques to obtain a surgical airway (needle and open cricothyroidotomy) on pig trachea.

Orode Badakhsh, MD, Neal Fleming, MD, PhD, Anna Kowalczyk, MD, Lara Moser, MD, and Amrik Singh, MD

7:00 a.m. – 5:30 p.m.

Additional Registration Required, Lunch Included

4 AMA PRA Category 1 Credits™ - Limited Registration

Noval Scheduled and Participation is Optional

Orode Badakhsh, MD, Neal Fleming, MD, PhD, Anna Kowalczyk, MD, Lara Moser, MD, and Amrik Singh, MD
REGISTRATION
Please register early – space is limited.
Tuition is $650. Confirmation of registration will be sent within two weeks after receipt of registration form. The fees will increase after September 4, 2015.

Tuition includes continental breakfasts, refreshment breaks, electronic syllabus, and an online certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. UC Davis Health System and UC Davis School of Medicine faculty and staff are eligible for tuition discounts. See registration form for details. Conference materials cannot be guaranteed unless registration is received by October 16, 2015. The Department of Anesthesiology & Pain Medicine reserves the right to cancel this conference. In such a case, a full refund will be given.

Registration forms received without payment will not be processed until payment is received, and payment must follow within 10 days. Early discount rates are honored if payment is received by the date noted on the registration form. After that date, the late fee is applied.

On-site Fees: At door registrations will be charged at a higher rate. Please see registration form for details.

Cancellation and Refund Policy:
A refund of tuition, less $75 administrative fee, will be allowed if requested in writing by October 16, 2015. No refunds will be provided after this date.

Electronic Evaluation and Credit
The link to your electronic syllabus, evaluation and certificate of credit will be available for 30 days after the last day of the conference. Once you have completed the online evaluation your certificate will be available to print. However, after 30 days this link will expire and these items are no longer available online. You must contact the Office of CME to receive your certificate. A $15 administrative fee will be applied.

Syllabus
The electronic syllabus will be available to pre-registered attendees online prior to the conference for downloading and printing.

FACULTY

Course Chair
Stephen M. Macres, MD
Professor
Director, Acute Perioperative Pain Service
UC Davis Department of Anesthesiology & Pain Medicine

Course Co-Chairs
Jeffrey Uppington, MD
Professor
Vice Chair of Clinical Affairs
UC Davis Department of Anesthesiology & Pain Medicine
Robin J. Aldwinckle, MBBS, FRCA
Associate Professor
Director, Same Day Surgery Center
UC Davis Department of Anesthesiology & Pain Medicine

Guest Faculty
Josh Zimmerman, MD, FASE
Associate Professor
Medical Director, Preoperative Clinic
Director, Division of Perioperative Echocardiography
University of Utah Department of Anesthesiology

UC Davis Anesthesiology Faculty
Richard Applegate, MD
Professor and Chair
UC Davis Department of Anesthesiology & Pain Medicine
Orode Badakhsh, MD
Assistant Professor
Rajvinder Dhamrait, MD, FRCA
Associate Professor
Director, Pediatric Anesthesiology
Neal Fleming, MD, PhD
Professor
Director, Cardiovascular and Thoracic Anesthesiology
Kenneth T. Furukawa, MD
Professor
Co-Director, Pediatric Pain
Anna Kowalczyk, MD
Assistant Professor
Gary Levin, MD, MBA
Professor
Lara Moser, MD
Associate Professor
Director, Trauma & Emergency Anesthesia
Neil Ray, MD
Assistant Professor
Amrik Singh, MD
Professor
Associate Chief, Division of Perioperative Medicine
Director, Anesthesiology Residency Program

Conference Coordinator
Beng Salud, BSBA
CME Meeting Planner
Department of Anesthesiology & Pain Medicine
UC Davis Health System
CME INFORMATION
Credit Designation
Accreditation
The University of California, Davis, Health System is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Physician Credit: The University of California, Davis, Health System designates this live activity for a maximum of 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA PRA Category 1 Credits™ acceptable for other healthcare providers.

Dietitian: AMA PRA Category 1 Credits™ meet the requirements of the Commission on Dietetic Registration (CDR).

Nurse: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME. For the purpose of relicensure, the California Board of Registered Nursing accepts AMA PRA Category 1 Credits™.

Physician Assistant: The National Commission on Certification of Physician Assistants (NCCPA) states that AMA PRA Category 1 Credits™ are acceptable for continuing medical education requirements for recertification.

Nurse Anesthetists: Nurse Anesthetists: This program is approved by the American Association of Nurse Anesthetists for 20.75 CE Credits: Code Number 1031514, Expiration Date 11/8/15. CRNA’s must pay for and attend all optional sessions to receive 20.75 CE credits.

CME INFORMATION

Pain Management
California Business and Professions Code (Section 2190.5) requires physicians and surgeons to complete 12 hours of mandatory continuing education on pain management and the appropriate care of the terminally ill. Physicians licensed prior to January 2002 were to have completed this requirement by December 31, 2006. Physicians licensed on or after January 1, 2002 must complete this requirement within 4 years of their initial license or by their second renewal date, whichever occurs first.

Target Audience
This activity is designed for anesthesiologists, pain medicine physicians, nurses, nurse anesthetists, residents, and fellows involved with the perioperative care of surgical patients.

Educational Need
The delivery of healthcare, in this country, is undergoing a major upheaval. We are currently at a crossroads where we must both improve outcomes and decrease costs. This year’s conference will focus on “best practice” enhanced care clinical pathways which will optimize patient care. The “Perioperative Surgical Home” (PSH) is a multidisciplinary approach which strives to not only improve the quality of care, but decrease health care costs and improve patient satisfaction. By improving communication between the various healthcare disciplines and developing clinical pathways there can be better coordination of care benefiting both the patient and the institution. Relevant topics that will be covered in this year’s conference include: an overview of the perioperative use of both transesophageal and transthoracic echocardiography, optimizing the management of the patient with a hip fracture, day case total knee arthroplasty, relevant topics in trauma and the intensive care unit, anesthetic management of the obstetrical patient with heart disease, setting up your own Perioperative Surgical Home, creating value in the delivery of health care and pertinent topics in pediatric anesthesia. The ultrasound workshop will be a comprehensive review of ultrasound guided techniques in anesthesia including peripheral nerve blockade and cardiac evaluation. The airway workshop will introduce the participant to new “tools of the trade” and airway techniques.

This year’s conference will provide practitioners with evidence based methods and strategies to assist them in providing better treatment options for their patients. Faculty presenting and interacting with participants at this activity have been selected on the basis of their comprehensive clinical experience and academic excellence.

Educational Methods
• Lectures with Q and A will be used to facilitate the dissemination of up to date information.
• Case studies and discussion will highlight conditions commonly seen in clinical practice.
• Interactive workshops and roundtable discussions are included to facilitate a more in-depth understanding of clinical issues.
• Pre/post tests will be given using an audience response system to help attendees ascertain the level of learning being achieved.
• Panel discussion will be used to provide an opportunity for experts to present differing viewpoints on various topics or issues.
• Hands on skill building workshops are included to provide attendees with the opportunity to refine their nerve block, airway and echocardiography skills.

Educational Objectives
At the end of the activity, participants should be able to:
• Discuss the indications and contraindications for Rescue TEE.
• Discuss the technology associated with non-invasive cardiac function assessments that will facilitate the application of the information obtained to improving patient care.
• Create actionable and concrete plans for developing a Perioperative Surgical Home.
• Participants will be able to formulate a patient specific anesthetic plan including appropriate monitoring, anesthetic technique and drug choices.
• List the measures taken to treat and reverse the triad of death (coagulopathy, acidosis and hypothermia) in trauma patients.
• Discuss the perioperative care of the elderly patient with hip fracture.

AMA PRA Category 1 Credits™
General Session
Up to 10.25 AMA PRA Category 1 Credits™

Optional Breakfast Roundtable Sessions
Up to 2.5 AMA PRA Category 1 Credits™

Optional Afternoon Workshops
Up to 8 AMA PRA Category 1 Credits™
CME INFORMATION

Educational Objectives

- Discuss the barriers to day case joint replacement surgery.
- Explain the pharmacological and non-pharmacological management of Complex Regional Pain Syndrome.
- List surgical procedures that are associated with Chronic Post Operative Syndromes.
- Describe a typical scenario of airway obstruction in the pediatric patient.
- Discuss the perioperative pain management of the opioid dependent patient.
- Evaluate the evidence for commonly used perineural adjuncts.
- Discuss phantom limb pain vs acute post amputation limb pain.
- Discuss a simple algorithm to guide preoperative cardiac work up.
- Discuss strategies for the anesthetic management of emergency cases for patients with poor cardiac function, diabetic ketoacidosis and severe sepsis.
- Discuss the perioperative management of a child undergoing total parotidectomy for a large parotid hemangioma.
- Discuss various congenital heart lesions and issues that persist into adulthood.
- Recognize the basic operation and components of implantable devices.
- Demonstrate the ability to interpret ultrasound images recommended for a focused cardiac ultrasound examination of a preoperative patient.
- Discuss and describe ultrasound equipment.

LOCATION AND HOTEL

Lodging, Ground and Air Travel

Perched dramatically over the Monterey Bay, the Monterey Plaza Hotel & Spa combines elegant European architecture, sweeping coastal views and sophisticated style to create the perfect vantage point from which to enjoy the gentle sounds of the surf, the fresh scent of sea air and the sight of otters, seals and dolphins at play.

The Monterey Plaza’s central location on Cannery Row makes it easy to enjoy the area’s many attractions and activities, including the world-renowned Monterey Bay Aquarium just three blocks away. The range of activities and attractions nearby is nearly limitless. Launch a kayak from the Hotel’s beach, play a round of golf at one of 19 local championship courses, go sailing, whale watch or scuba dive in the protected marine sanctuary of Monterey Bay. Walk to Fisherman’s Wharf, Old Town Monterey or the Maritime Museum, or take a scenic drive to Carmel, Pebble Beach, 17-Mile Drive or Big Sur.

A block of rooms is being held for conference participants at the special rates listed above. After October 7, 2015, reservations will be on a space and rate available basis. Reservations should be made directly with the hotel. Please be aware that a limited number of rooms in each category have been reserved and the hotel will likely sell out prior to the reservations deadline of October 7.

By staying at the host hotel, you help the University of California, Davis, meet its contractual obligations with the Monterey Plaza Hotel and keep future registration fees reasonable. Please consider that when making your accommodation decisions. We encourage you to stay at the host hotel.

Monterey Plaza Hotel, 400 Cannery Row, Monterey, California 93940
Tel 831-646-1700 | 800-334-3999
Email: reservations@montereyplazahotel.com
http://www.montereyplazahotel.com

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<tr>
<td>Partial Ocean View</td>
<td>$245</td>
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<tr>
<td>Ocean View</td>
<td>$315</td>
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<tr>
<td>Ocean View Balcony</td>
<td>$365</td>
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Air Travel To Monterey

Peninsula Airport (MRY)

For the Monterey Peninsula and the California Central Coast, regular flights are available from San Francisco, Los Angeles, Phoenix, Denver, Las Vegas, Salt Lake City, LA/Ontario and San Diego. The five carriers that currently provide service to Monterey are affiliated with airlines around the world.

United Airlines Group Discount: To obtain Groups and Meetings discount prices go to http://www.united.com and enter Offer Code ZUBA335880

Ground Transportation

Hertz Car Rental: To obtain discount prices go to http://www.hertz.com and enter Convention Number 04H70006 for discounted rates.


Layered clothing is recommended as the meeting room temperature may be uncomfortable for some, depending on personal preferences. If you have any special needs due to a disability as specified in the Americans with Disabilities Act, please call Beng Salud at the Department of Anesthesiology & Pain Medicine at so we may make the necessary accommodations for you.

Tel: (916) 734-1574 or Fax (916) 734-0742.
**FEE DUE**

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<th>Early Discount</th>
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<td><strong>All</strong></td>
<td>$650</td>
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**UC Davis Affiliate Fees (Please specify)**
- Faculty
- Alumni
- Staff

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**Optional Workshop Enrollment**
Please register early, as workshops are limited and fill up fast. Each workshop includes a boxed lunch and additional credit.

**Workshop options**

- **Ultrasound Applications for the Anesthesiologist**
  - Friday, 12:30-5:30 PM
  - Fee: $300

- **The Difficult Airway Workshop**
  - Saturday, 12:30-5:00 pm
  - Fee: $300

- **Saturday Problem Based Learning - 6:30 am**
  - 1st choice: 1 2 3 4 5
  - 2nd choice: 1 2 3 4 5
  - Fee: $60

- **Sunday Problem Based Learning - 6:30 am**
  - 1st choice: 6 7 8 9
  - 2nd choice: 6 7 8 9
  - Fee: $60

**Meet The Faculty Networking Reception**
(included in tuition, pre-registration required, guests invited)

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- I will attend the Friday evening Meet the Faculty Reception
- I will not attend the Friday evening Meet the Faculty Reception

**Guest/Spouse Food Package**
(Name badges must be worn. Meal tickets may be purchased for guests to join you for continental breakfast. Fee includes group service charge and taxes)

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<td>Name(s)</td>
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**TOTAL FEES**

- Please copy the mail code from the address side of the brochure
- Social Security Number
  - (last 4 digits required for transcript)

- Please indicate primary medical specialty:
  - AN □  PAIN □  APM □  PMD □  PPN □  Other (specify) ____________

- Have you ever attended this conference? □ YES □ NO
  - Please check here if you need disability accommodations at the meeting, please let us know by October 17th and our representative will contact you. Please note special dietary/food allergy requirements

**Methods of payment:**
- Registration forms received without check, credit card number or purchase order number will not be processed until payment is received. If faxing, do not mail or refax. Registration is non-transferable.
- Check in U.S. Dollars only $___________
- Credit Card Payment (see below)
- Telephone: 916-734-1574
- Fax: 916-734-2975

**Make check payable to:**
UC Regents

**Send to:**
Beng Salud
Department of Anesthesiology & Pain Medicine
4150 V Street, Suite 1200 PSSB
Sacramento, CA 95817

**Payment by credit card:**

- Bill To: □ Visa □ MasterCard □ American Express
- Amount to be charged: $___________
- Credit card number: __________ __________ __________ __________
- Expiration date: __________
- CVV code: __________
- Card member's name: __________________________
- Signature: __________________________

(Please print)

Register online: http://conferences.ucdavis.edu/26thanesthesiologyupdate
MONTEREY PLAZA HOTEL
400 Cannery Row, Monterey, California

November 6-8, 2015
Friday - Sunday

26TH ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE

THE PERIOPERATIVE HOME

HIGHLIGHTS
• The Perioperative Home
• Ultrasound Applications for the Anesthesiologist
• Difficult Airway Workshop
• Problem Based Learning Discussion at Breakfast Round Tables
• Wine and Cheese Reception Friday Evening at the Monterey Plaza Hotel

This program is self-supporting and receives no state funding