**Friday, November 2**

7:00 am  Registration  
Continental Breakfast, Visit Exhibits

7:45 am - 8:00 am  Welcome and Course Objectives  
Moderator: Stephen M Macres, MD

8:00 am - 10:45 am  *Anesthesia Potpourri (Acute Pain Pearls, PACU Emergencies, Applications of POCUS, Anesthesia & Cancer Surgery, etc, etc)*  
Robin J Aldwinckle, BMBS, FRCA, Kenneth T Furukawa, MD, Stephen M Macres, MD, Jon Zhou, MD

10:45 am - 11:15 am  Refreshment Break, Visit Exhibits

11:15 am - 11:55 am  *Perioperative Atrial Fibrillation: Review and Update*  
Neal Weiss, MD

Neal Fleming, MD, PhD

12:35 pm - 1:15 pm  *POCUS: Practical Applications of Ultrasound for the Perioperative Physician*  
Orode Badakhsh, MD

1:15 pm - 2:00 pm  Lunch for workshop participants

2:00 pm - 5:30 pm  *Ultrasound Applications for the Anesthesiologists*  
Orode Badakhsh, MD, Robin J Aldwinckle, BMBS, FRCA, Neal Fleming, MD, PhD, Matthew Peña, MD, Stephen M Macres, MD, Nicole Weiss, MD, Jon Zhou, MD

3:00 pm - 3:30 pm  Break

**Saturday, November 3**

7:00 am - 7:45 am  Registration  
Continental Breakfast, Visit Exhibits

7:45 am - 8:45 am  *Developing a Model for Perioperative Glycemic Control*  
Stephen M Rupp, MD

8:45 am - 9:45 am  *Marijuana Legalization: Anesthetic Considerations*  
Kristin Bennett, DO

9:45 am - 10:40 am  *Pediatric Video Laryngoscope Versus Direct Laryngoscope*  
Robert Scott Kriss, DO

10:40 am - 11:05 am  *Safe Standards and Advances in Non Operating Room Anesthesia*  
Sarah Maclean, MBBS, FRCA

11:05 am - 11:30 am  *Vital Signs are Vital...aren't they?*  
Cathy Lammers, MD

11:30 am - 12:15 pm  *Pediatric Anesthesia Hotline*  
Robert Scott Kriss, DO, Cathleen Lammers, MD, Sarah Maclean, MBBS, FRCA

12:15 pm - 1:15 pm  Problem Based Learning Discussions or Lunch On Own

**Problem Based Learning Discussions**

Additional fee, registration required, lunch included, registration limited, 1 AMA PRA Category I Credit™

1. My patient is taking what? -----tran? ----ban?  
   Perioperative implications of New Anticoagulants  
   Amrik Singh, MD

2. *Anesthesia Considerations for Patients on Buprenorphine*  
   Kristin Bennett, DO

3. *Opioid Stewardship*  
   Cathleen Lammers, MD

4. *Morbid Obesity on L&D*  
   Nina Schloemerkemper, MD

5. Managing a Combative Autistic Child for denatal extractions and how to keep it safe  
   Robert Scott Kriss, DO, Sarah Maclean, MD

1:15 pm - 2:15 pm  *Oxygenation - something old, something new, something borrowed*  
Jeffrey Uppington, MBBS, FRCA

2:15 pm - 3:15 pm  *Yes you can? Changing the outcome of your cancer patients*  
Nina Schloemerkemper, MD

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**Meet the Faculty Networking Reception**

Included in tuition, pre-registration required  
(guests invited for $50)

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**Ultrasound Applications for the Anesthesiologist Workshop**

2:00 pm - 5:30 pm  
The Friday afternoon workshop will be a comprehensive review of Ultrasound Guided Peripheral Nerve Blockade, Transthoracic Echocardiography and Miscellaneous Point of Care Applications of Ultrasound. Additional fee, registration required, lunch included, registration limited, three (3) AMA PRA Category I Credits™

Robin J Aldwinckle, BMBS, FRCA, Orode Badakhsh, MD, Neal Fleming, MD, PhD, Matthew Peña, MD, Stephen M Macres, MD, Nicole Weiss, MD, Jon Zhou, MD
Sunday, November 4

7:00 am - 7:45 am
Registration
Continental Breakfast, Visit Exhibits

7:45 am - 9:45 am *
‘Healer Heal Thyself: The Concept of Personal Well Being. Really! Burnout, Depression and Substance Abuse
1. The New Epidemic
   Jeffrey Uppington, MBBS, FRCA
2. How We Can all Help
   Amrik Singh, MD
3. How you can help yourself
   Robert Kaye, MD

9:45 am - 10:00 am
Refreshment Break, Visit Exhibits

10:00 am – 11:00 am
Pregnancy Brain at Risk
Maria Cristina Gutierrez, MD

11:00 am – 12:00 am
Know Before You Go
Maria Cristina Gutierrez, MD,
Jon Zhou, MD, Robert Kaye, MD,
Amrik Singh, MD,
Jeffrey Uppington, MBBS, FRCA

Have a safe journey home!

* Lectures marked with asterisk (*) contributes to the patient safety CME requirement (see accreditation).
Needs Assessment
The peri-anesthesia period can be associated with significant risk for patient harm, particularly in vulnerable patients. Diagnostic, therapeutic and anesthetic management choices can reduce those risks. Enhanced recovery after surgery (ERAS) is an idea that emerged from the work of Danish physician Henrik Kehlet. ERAS care elements can result in faster recovery and represent a unique way of providing coordinated medical care and surgery through the use of evidence based perioperative care elements. ERAS can also reduce complications associated with comorbidities such as diabetes, and lower readmission rates for our patients. Finally, opioid sparing ERAS protocols can mitigate opioid related adverse events such as respiratory depression and post operative delirium.

Our goal this year is to address topics which decrease risks for our patients while enhancing their recovery. Topics that will be covered include: an overview of acute perioperative pain control, procedure specific analgesic interventions, update on NMDA receptor antagonists, gabapentinoids and cannabinoids, anesthesia and cancer surgery, management of atrial fibrillation and diastolic dysfunction, perioperative glycemic control, and pertinent issues in pediatric and obstetric anesthesia. The critically important issues surrounding well-being, including physician burnout, depression and substance abuse will also be discussed.

The ultrasound workshop will provide a comprehensive review of ultrasound guided regional anesthesia (USRA) peripheral nerve blocks and point of care ultrasound (POCUS) applications for cardiac, pulmonary and gastric evaluation.

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.

Brochure Art Credit: Brochure images courtesy of Accreditation Council for Continuing Medical Education, UC Davis Department of Anesthesiology & Pain Medicine, UC Davis Public Affairs, Monterey Plaza Hotel, and Monterey CVB.

Photo And Video Release: By participating in this course, you grant the right to use your photograph and video for such purposes to UC Davis Department of Anesthesiology & Pain Medicine.
Objectives:
By the end of this conference the attendee will be able to:
1. Discuss the indications for truncal blocks.
2. Identify the risk factors for chronic post-surgical pain.
3. Discuss the indications, side effects and dosing of gabapentinoids and NMDA receptor antagonists.
4. Discuss the pharmacology of cannabinoids and implications for anesthesia.
5. Discuss functional cardiac changes associated with diastolic dysfunction.
6. Describe the perioperative management of atrial arrhythmias.
7. Identify strategies to optimize glycemic control during the perioperative period.
8. Discuss the importance of video laryngoscopy for pediatric anesthesia.
9. Discuss the recent literature about pediatric hemodynamics under anesthesia.
10. Identify risk factors for the development of stroke in the patient with preeclampsia.
11. Discuss factors associated with burnout, depression and substance abuse in the healthcare professional and be able to formulate a plan to address these problems.
12. Workshop attendees will additionally be able to demonstrate the ability to use point of care ultrasound (POCUS) to evaluate cardiac and pulmonary function.
13. Demonstrate the ability to perform ultrasound guided peripheral nerve blocks on the upper and lower extremities and trunk.

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 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.
- 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 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, and echocardiography skills.

MOCA Statement: This activity contributes to the CME requirement for Part II: Lifelong Learning and Self Assessment of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology Program®, known as MOCA 2.0®. This activity is approved for up to 15.5 MOCA 2.0® credits which are eligible for the patient safety component.

This activity contributes to the patient safety CME requirement for the CME component of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology program and MOCA® are registered trademarks of The American Board of Anesthesiology®. MOCA 2.0® is a trademark of The American Board of Anesthesiology®.
Please register early – space is limited.

Tuition is $725

Confirmation of registration will be sent within two weeks after receipt of registration form. The fees will increase after September 5, 2018.

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 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 24, 2018. 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 $100 administrative fee, will be allowed if requested in writing by October 18, 2018. 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.
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**Optional Workshop Registration**

Please register early, as workshops are limited and fill up fast. Each workshop includes lunch and additional credit.

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<td>Ultrasound Applications for the Anesthesiologist</td>
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<td>(Friday, 2:00-5:30 PM (lunch included))</td>
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<td>Saturday Problem Based Learning - 12:15 pm</td>
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**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
- Guests
  - I will bring _____ adults and children at $50 each
  - Name(s) ____________________________

**Guest/Spouse Food Package**

(Name badges must be worn. Meal tickets may be purchased for guests to join you for continental breakfast for three days).

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**TOTAL FEES**

**Methods of payment**: Registration forms received without check, credit card number or purchase order number will not be processed until payment is received. 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, BSBA, Education Manager
Department of Anesthesiology & Pain Medicine
4150 V Street, Suite 1200 PSSB
Sacramento, CA 95817

**Payment by credit card**: For your protection, do not fax or email your registration form with credit card information. Please mail your registration or contact Beng Salud at (916) 734-1574 for assistance if you would like to use a credit card.

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Register online: [http://conferences.ucdavis.edu/29thanesthesiologyupdate](http://conferences.ucdavis.edu/29thanesthesiologyupdate)
MONTEREY PLAZA HOTEL
400 Cannery Row, Monterey, California

November 2-4, 2018
Friday - Sunday

29TH ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE

HIGHLIGHTS

• Focus on Minimizing the Risks of Anesthesia Care
• Interactive discussions on hot topics in Acute Pain, Pediatric, Cardiac and OB Anesthesia
• Topics on Burnout, Depression and Substance Abuse
• Ultrasound Applications for the Anesthesiologist Workshop
• Problem Based Learning Discussion at Lunch Round Tables
• Wine & Cheese Reception Friday evening at the Monterey Plaza Hotel
• This activity contributes to the CME requirement for Part II: Lifelong Learning and Self Assessment of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology Program (MOCA), know as MOCA 2.0®

This program is self-supporting and receives no state funding