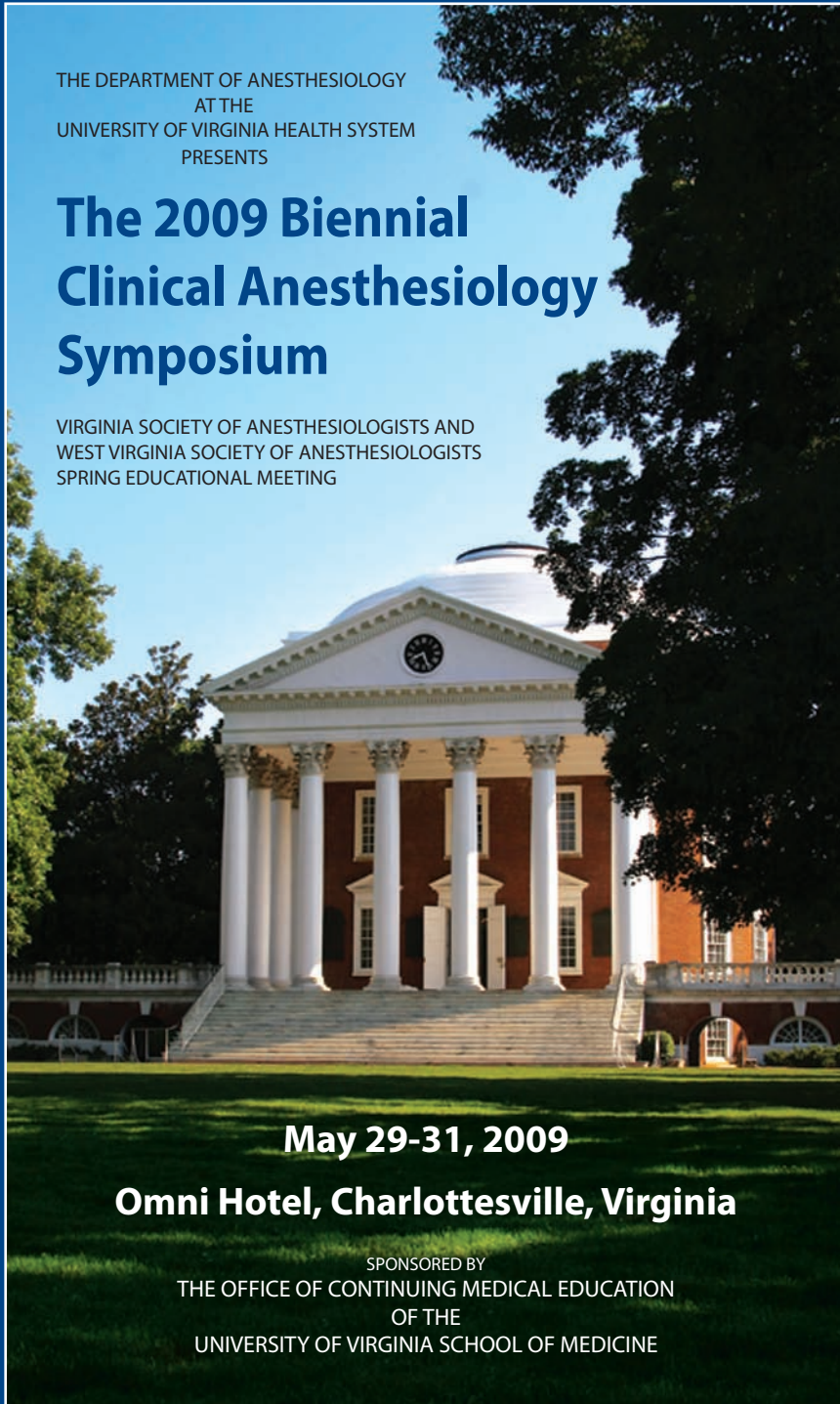


THE DEPARTMENT OF ANESTHESIOLOGY
AT THE
UNIVERSITY OF VIRGINIA HEALTH SYSTEM
PRESENTS

The 2009 Biennial Clinical Anesthesiology Symposium

VIRGINIA SOCIETY OF ANESTHESIOLOGISTS AND
WEST VIRGINIA SOCIETY OF ANESTHESIOLOGISTS
SPRING EDUCATIONAL MEETING



May 29-31, 2009

Omni Hotel, Charlottesville, Virginia

SPONSORED BY
THE OFFICE OF CONTINUING MEDICAL EDUCATION
OF THE
UNIVERSITY OF VIRGINIA SCHOOL OF MEDICINE

PROGRAM DESCRIPTION

The Department of Anesthesiology of the University of Virginia is pleased to host this three day symposium which will once again focus on clinically relevant material that we believe is of interest and importance to those anesthesia providers in general anesthesia practice. The three focuses of this symposium are regional anesthesia, pediatric anesthesia, and how our practice in the OR can affect long term patient outcomes. Other topics will be discussed as well. We are honing in on those aspects of our practice that are in a state of change. The sessions will incorporate lectures, question and answer sessions, problem based learning discussions and interactive workshops.

EDUCATIONAL OBJECTIVES

Through participation in this conference, the participants will have the opportunity to

- Identify the benefits of using ultrasound for regional anesthesia.
- Learn how to use ultrasound for regional anesthesia.
- Identify the characteristics and consequences of inadvertent injection of local anesthetics into nerves, as well as mechanisms of injury during nerve block.
- Discuss the current treatment of local anesthetic toxicity.
- Discuss the use of regional anesthesia in patients who have been taking anticoagulants.
- Identify common pitfalls in management of neurotrauma in pediatric patients.
- Discuss non pharmacologic methods for calming children in the perioperative period.
- Identify patients who can be harmed by nitrous oxide.
- Discuss the risk factors and prophylactic agents for pediatric emergence delirium.
- Discuss potential downsides to the most commonly used inhaled anesthetic in the US.
- Discuss the future of education in anesthesiology, including simulation.
- Discuss the pitfalls involved in perioperative management of patients with obstructive sleep apnea.
- Identify the intraoperative interventions by anesthesiologists that potentially lead to lower morbidity and mortality of patients, including glucose management, lidocaine infusions and interventions in patients with oncologic disease.
- Discuss post operative neurocognitive decline after anesthesia.
- Respond to emergency situations in an anesthesia simulation setting.

WORKSHOPS

This year's symposium includes three optional workshops for interested participants.

ANESTHESIA SIMULATOR WORKSHOP (UVA, OFFERED TWICE)

Thursday 13:00-16:00, Friday 09:00-12:00 (Maximum of 3 AMA PRA Category 1 CreditsTM; Cost \$275): This is a high fidelity immersion simulation workshop in the UVA School of Medicine Simulation Center which will allow participants to address critical events in realistic clinical settings and to debrief events immediately afterward in group sessions, using DVD recordings. Participants will rotate between roles: managing their own "case," observing others remotely, and providing assistance. This workshop will be conducted by Dr. Keith E. Littlewood, who is Co-Director of the UVA Medical Simulation Center. The simulation lab is only a mile away from the Omni, and transportation to this workshop will be provided at no additional charge; the van will leave the Omni at 12:30 on Thursday afternoon and at 8:30 on Friday morning. (MINIMUM 3 ENROLLEES, MAXIMUM 6 for each session; sign-up on a first-come, first-served basis)

REGIONAL ANESTHESIA WORKSHOP

Friday 09:00-12:00 (maximum of 3 AMA PRA Category 1 CreditsTM; Cost \$225): Hands-on Nerve Location Using Ultrasound on Live Models. This workshop will provide participants with an opportunity to apply the use of ultrasound for location of nerves for regional anesthesia (includes brief slide presentation prior to hands-on). Faculty: Drs. John G. Antonakakis, Heidi M. Henson, Ashley M. Shilling, James L. White, and George D. Politis. (MAXIMUM ENROLLMENT = 30)

PROBLEM BASED LEARNING DISCUSSION WORKSHOP

Saturday 07:00-08:00 (maximum of 1 AMA PRA Category 1 CreditsTM; Cost \$60): Choose from four cases offered: Group 1 Ethics, Group 2 Neuro, Group 3 Surgery, Group 4 Regional. See Saturday morning schedule for description. Faculty: Drs. Wells, Nemergut, Littlewood and Rowlingson. Breakfast provided.

LOCATION

This Symposium will be held at the Omni Hotel in Charlottesville, Virginia. The optional Anesthesia Simulator Workshop will be held at the UVA Medical Center complex.

ACCOMMODATIONS

A block of rooms has been reserved at the Omni Hotel. Please call 800-843-6664 for reservations prior to May 8, 2009. Attendees will need to make their own reservations using the group name, **2009 Biennial Clinical Anesthesiology Symposium**.

CONTACT INFORMATION

Please contact John A. Owen in the Office of Continuing Medical Education with any questions regarding this activity (phone: 434-924-5318; fax: 434-982-1415; email: jao2b@virginia.edu).

REGISTRATION FEE

The registration fee includes course materials, breakfast and lunch on Saturday, breakfast on Sunday, all breaks, and the reception on Saturday evening.

For more information about this course or its logistics, please contact John A. Owen in the Office of Continuing Medical Education at (434) 924-5318 or via email at jao2b@virginia.edu.

To register for this course, please complete the attached registration form and send it to:

Bebe Moore, Registrar

2009 Biennial Clinical Anesthesiology Symposium

Office of Continuing Medical Education, Box 800711
University of Virginia School of Medicine, McKim Hall
Charlottesville, VA 22908-0711

Phone: 434-924-5310; Fax: 434-243-6393; MIRS: 800-552-3723

uvacme@virginia.edu

ATTENDANCE AND CERTIFICATE DISTRIBUTION

The University of Virginia Office of Continuing Medical Education requires that all participants at live CME activities sign attendance sheets daily to confirm participation in the CME activity for that day. Certificates of attendance, designating the maximum number of hours of participation, are distributed to each participant at the CME activity. Participants are responsible for accurately tracking their actual participation at live events.

DIRECT SPONSORSHIP ACCREDITATION AND DESIGNATION STATEMENT

The University of Virginia School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Virginia School of Medicine designates this educational activity for a maximum of **14.75 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CONTINUING EDUCATION CREDIT

The University of Virginia School of Medicine awards 0.1 CEU per contact hour to each non-physician participant who successfully completes this educational activity. The CEU (Continuing Education Unit) is a nationally recognized unit of measure for continuing education and training activities that meet specific educational planning requirements. The University of Virginia School of Medicine maintains a permanent record of participants who have been awarded CEUs.

CONFIRMATION & CANCELLATION POLICY

Upon receipt of registration and payment, you will receive an email confirmation. If payment is not received 14 days prior to this activity, space will not be reserved. We recommend that you secure payment with your own credit card, then seek reimbursement from your employer (where appropriate).

Registration fees will be refunded (less a \$50 administrative fee) for cancellations received in writing a minimum of 14 days prior to the activity date. No refunds will be granted for registration fees of less than \$50 or for cancellations made within 13 days of the activity.

The University of Virginia School of Medicine reserves the right to cancel CME activities if necessary. In this case, the entire registration fee will be refunded. All other expenses incurred in conjunction with this CME activity are the sole responsibility of the participant.

2009 BIENNIAL CLINICAL ANESTHESIOLOGY SYMPOSIUM - PROGRAM AGENDA

Thursday May 28, 2009

Afternoon Workshop

13:00-16:00 Anesthesia Simulator Workshop Dr. Keith E. Littlewood
(MINIMUM 3 ENROLLEES, MAXIMUM 6)

Friday May 29, 2009 Morning

Morning Workshops

09:00-12:00 Anesthesia Simulator Workshop Dr. Keith E. Littlewood
(MINIMUM 3 ENROLLEES, MAXIMUM 6)

09:00-12:00 Regional Anesthesia Workshop Hands-on Nerve Location Using Ultrasound on Live Models (includes brief slide presentation prior to hands-on) (Faculty: Drs. John G. Antonakakis, Heidi M. Henson, Ashley M. Shilling, James L. White, George D. Politis) (MAXIMUM ENROLLMENT = 30)

Friday May 29, 2009 Afternoon

First Lecture Session: Regional Anesthesia

Moderator: Dr. James L. White

13:00-13:40 Dr. Heidi M. Henson: Ultrasound for Peripheral Regional Anesthesia: The Advantages and the Future

13:40-14:20 Dr. Ashley M. Shilling: Neurologic Injury During Peripheral Nerve Blocks: The Dreaded Complication

14:20-15:00 Dr. J. Eric Greensmith: Acute Systemic Local Anesthetic Toxicity: Is Lipid Emulsion the Silver Bullet?

15:00-15:10 Questions

15:10-15:30 Break

15:30-16:10 Dr. David Brown: Brachial Plexus Blocks: Looking Back and Looking Forward

16:10-16:50 Dr. John C. Rowlingson: Mixing Thinned Blood with Sharp Needles – When is it Safe??

16:50-17:00 Questions

Saturday May 30, 2009 Morning

07:00-08:00 Problem Based Learning Discussion (breakfast provided)

Group 1: Dr. Lynda T. Wells: Ethics - a dilemma in the PACU

Group 2: Dr. Edward C. Nemergut II: Neuro Anesthesia Case - traumatic brain injury

Group 3: Dr. Keith E. Littlewood: General Surgical Case - emergency laparotomy in a patient with end stage liver disease

Group 4: Dr. John C. Rowlingson: Regional Anesthesia Case - a dilemma regarding whether a patient should receive regional or general anesthesia

Second Lecture Session: Pediatric Anesthesia

Moderator: Dr. Lynda T. Wells

07:00-08:10 Registration

08:10-08:50 Dr. Bruno Bissonnette: Head Trauma in Children: Common Errors in Neuroanesthesia Management

08:50-09:30 Dr. Lynda T. Wells: Snowmen and Other Strategies: Procedural Analgesia in Children

09:30-10:10 Dr. Victor C. Baum: When Nitrous Oxide is No Laughing Matter

10:10-10:20 Questions

10:20-10:40 Break

10:40-11:20 Dr. Bruno Bissonnette: Sevoflurane—Hidden Dangers of a Remarkable Anesthetic Agent

11:20-12:00 Dr. George D. Politis: Taming the Tiger: Managing Pediatric Emergence

12:00-12:10 Questions

12:00-13:00 Lunch (lunch provided)

Saturday May 30 2009 Afternoon

Third Lecture Session: Potpourri

Moderator: Dr. John C. Rowlingson

13:00-13:40 Dr. Keith E. Littlewood: Medical Simulation Grows Up: Once a Curiosity But Now a Tool for Training and Certification

13:40-14:20 Dr. John W. Hoyt: The Anesthesiologist as Perioperative Physician

14:20-15:00 Dr. David L. Brown: Educating Anesthesiologists: What is Coming?

15:00-15:10 Questions

15:10-15:30 Break

15:30-16:10 Dr. Catherine L. Cooper: Obesity and Sleep Apnea: Our Biggest Problem in Anesthesia?

16:10-16:50 Dr. Thomas J. Gal: Respiratory Physiology: Lessons from Healthy Volunteers

16:50-17:00 Questions

18:00-19:30 Wine and Cheese Reception in Honor of Drs. Thomas J. Gal and William P. Arnold (Location to be determined)

Sunday May 31, 2009 Morning

Fourth Lecture Session: Outcomes in Anesthesia

Moderator: Dr. George D. Politis

08:00-08:40 Dr. Terri G. Monk: Postoperative Cognitive Decline: Can We Predict It?

08:40-09:20 Dr. Mohamed Tiouririne: The Anesthesiologist's Role in Cancer Prevention: Reality or Fiction

09:20-10:00 Dr. Edward C. Nemergut II: Tight Glucose Control in the Perioperative Period: Sweet or Sour?

10:00-10:10 Questions

10:10-10:30 Break

10:30-11:10 Dr. Terri G. Monk: Does Depth of Anesthesia Monitoring Really Affect Long-Term Outcomes?

11:10-11:50 Dr. Marcel E. Durieux: Are You Guys Still Doing Those Lidocaine Drips? An Update

11:50-12:00 Questions

COURSE DIRECTOR

George D. Politis, MD, MPH, *Associate Professor of Anesthesiology and Pediatrics,
Co-Director of the Outpatient Surgical Center*

PROGRAM COMMITTEE

George D. Politis, MD, MPH, *Associate Professor of Anesthesiology and Pediatrics,
Co-Director of the Outpatient Surgical Center*

John C. Rowlingson, MD, *Cosmo A. DiFazio Professor of Anesthesiology,
Director of the Acute Pain Service, and Director of the Pain Fellowship*

Lynda T. Wells, MBBS, FRCA, *Associate Professor of Anesthesiology and Pediatrics*

James L. White, MD, *Associate Professor of Anesthesiology, Director of Regional Anesthesia*

SPEAKERS

GUEST FACULTY

Bruno Bissonnette, MD, *Professor of Anesthesiology, University of Toronto
President and Founder of Children of the World Anesthesia Foundation, Toronto, Ontario, Canada*

David L. Brown, MD, *Chairman, Institute of Anesthesiology, Cleveland Clinic, Cleveland, Ohio*

Catherine L. Cooper, MD, *Associate Professor of Anesthesiology,
Virginia Commonwealth University/Medical College of Virginia, Richmond, Virginia*

J. Eric Greensmith, MD, PhD, FCCP, *Chief, Department of Anesthesia
Lancaster Regional Medical Center, Lancaster, Pennsylvania*

John W. Hoyt, MD, FCCM, *President, Pittsburgh Critical Care Associates, Inc.
Clinical Professor of Critical Care Medicine, University of Pittsburgh
Staff Anesthesiologist, Allegheny General Hospital, Pittsburgh, Pennsylvania*

Terri G. Monk, MD, *Professor of Anesthesiology, Duke University Medical Center, Durham, North Carolina*

UVA FACULTY

John G. Antonakakis, MD, *Assistant Professor of Anesthesiology*

Victor C. Baum, MD, *Professor of Anesthesiology and Pediatrics,
Executive Vice Chair of the Department of Anesthesiology*

Marcel E. Durieux, MD, PhD, *Professor of Anesthesiology and Neurological Surgery*

Thomas J. Gal, MD, *Professor Emeritus of Anesthesiology*

Heidi M. Henson, MD, *Assistant Professor of Anesthesiology*

Keith E. Littlewood, MD, *Associate Professor of Anesthesiology; Vice Chair for Education and Associate Program
Director, Department of Anesthesiology; Co-Director of the UVA Medical Simulation Lab*

Edward C. Nemergut II, MD, *Associate Professor of Anesthesiology and Neurological Surgery;
Program Director, Department of Anesthesiology*

George D. Politis, MD, MPH, *Associate Professor of Anesthesiology and Pediatrics,
Co-Director of the Outpatient Surgery Center*

John C. Rowlingson, MD, *Cosmo A. DiFazio Professor of Anesthesiology,
Director of the Acute Pain Service, and Director of the Pain Fellowship*

Ashley M. Shilling, MD, *Assistant Professor of Anesthesiology, Co-Director of the Outpatient Surgery Center*

Mohamed Tiouririne, MD, *Assistant Professor of Anesthesiology and Obstetrics and Gynecology*

Lynda T. Wells, MBBS, FRCA, *Associate Professor of Anesthesiology and Pediatrics*

James L. White, MD, *Associate Professor of Anesthesiology, Director of Regional Anesthesia*

DISCLOSURES

Disclosure of Faculty Financial Affiliations

The University of Virginia School of Medicine, as an ACCME accredited provider, endorses and strives to comply with the ACCME Standards of Commercial Support, Commonwealth of Virginia statutes, University of Virginia policies and procedures, and associated federal and private regulations and guidelines on the need for disclosure and monitoring of proprietary and financial interests that may affect the scientific integrity and balance of content delivered in continuing medical education activities under our auspices.

The University of Virginia School of Medicine requires that all CME activities accredited through this institution be developed independently and be scientifically rigorous, balanced and objective in the presentation/discussion of their content, theories and practices.

All speakers at an accredited CME activity are expected to disclose to the participants relevant financial relationships with commercial entities occurring within the past 12 months (such as grants or research support, employee, consultant, stockholder, member of speakers' bureau, etc.). The University of Virginia School of Medicine will employ appropriate mechanisms to resolve potential conflicts of interest in order to maintain the standards of fair and balanced education for the participant. Questions about specific strategies can be directed to the Office of Continuing Medical Education, University of Virginia School of Medicine, Charlottesville, Virginia.

The faculty and staff of the University of Virginia Office of Continuing Medical Education have no financial affiliations to disclose.

Disclosure of Discussion of Non-FDA Approved Uses for Pharmaceutical Products and/or Medical Devices

The University of Virginia School of Medicine, as an ACCME provider, requires that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. The University of Virginia School of Medicine recommends that each physician fully review all the available data on new products or procedures prior to clinical use.

SPECIAL NEEDS

The Americans with Disabilities Act of 1990 requires that all individuals, regardless of their disabilities, have equal access. The Office of Continuing Medical Education at the University of Virginia School of Medicine is pleased to assist participants with special needs. Written requests must be received 30 days prior to the conference date. These should be mailed to UVA Office of Continuing Medical Education, Box 800711, Charlottesville, VA 22908 or to uvacme@virginia.edu. Some of the conference venues used by the University of Virginia Office of Continuing Medical Education are registered historic properties and may not be fully ADA accessible. Please feel free to contact the facility if you have specific questions.

REGISTRATION FORM

2009 Biennial Clinical Anesthesiology Symposium May 29-31, 2009
Omni Hotel, Charlottesville, VA

Please PRINT legibly to ensure accuracy.

Please visit our website, www.cmevillage.com, to see if online registration is available for this conference.

Pre-registration for this conference will close two business days (three days for online registrations) prior to the conference date. Please call to confirm that onsite registration will be available.

Mr. Mrs. Ms. Dr.

First Name _____ M.I. _____ Last Name _____

Credentials (MD, PhD, RN, etc.) _____ Specialty _____

Affiliation/Business./Organization _____

Primary Address (This is: home work)

Street _____

City _____ State/Province _____ Zip _____

Country _____ Phone _____ Fax _____

Email _____

Please print clearly for successful email delivery of your confirmation letter.

Are you an employee of the University of Virginia? Yes No

Are you a resident physician? Yes No Are you a fellow? Yes No

Do you require special assistance because of a disability or have any dietary restrictions? If so, please describe:

Birth date (required for tracking CME credits/CEU): MM / DD / YYYY

REGISTRATION FEES

2009 Biennial Clinical Anesthesiology Symposium

| | Prior to 4/18/2009 | Effective 4/18/2009 |
|----------------------------|--------------------|---------------------|
| Physicians/CRNAs | \$450 | \$500 |
| Residents/Fellows/Students | \$300 | \$325 |
| UVA CRNAs | \$250 | \$300 |

Optional Workshops

Anesthesia Simulator Workshop \$275 Please choose one: Thursday (limit 6) Friday (limit 6)

Regional Anesthesia Workshop \$225 (limit 30)

PBLD Workshop \$60 Ethics Neuro Surgery Regional

Wine and Cheese Reception in Honor of Drs. Tom Gal and William Arnold

Yes, I will be attending the reception No, I will not be attending the reception

I will bring _____ guest(s) (\$25 per guest please)

Registration _____

Workshop(s) _____ (please check) Simulator Regional PBLD

Reception Guest(s) _____

Total Payment Due _____

Payment is required with registration. An exception is made for institutional checks; however, these must be received at least 14 days prior to the scheduled CME activity. If payment is not received by the deadline, you will **NOT** be registered for the conference. You will receive written confirmation (by email) upon receipt of your payment.

PAYMENT OPTIONS

Check or money order made payable to "UVA-CME." Please indicate "Anesthesiology" on your check.

Charge payment to:

Visa MasterCard American Express Discover

Your credit card number: _____ Expiration date _____/____

Signature: _____

SEND REGISTRATIONS TO:

Bebe Moore, Registrar, 2009 Biennial Clinical Anesthesiology Symposium
Office of Continuing Medical Education, Box 800711
University of Virginia School of Medicine, McKim Hall, Charlottesville, VA 22908-0711
Phone: 434-924-5310; Fax: 434-243-6393; MIRS: 800-552-3723