

See inside for updates to the program!

Preliminary Program

IARS 2014 Annual Meeting and International Science Symposium

Saturday, May 17 – Tuesday, May 20



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Improving Health Through Discovery and Education

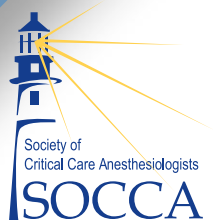
Fairmont The Queen Elizabeth Hotel
Montréal, Canada



IARS

International Anesthesia Research Society

www.iars.org/congress



**May 16! New Date and
Location for the
27th Annual Meeting
and Critical Care Update!**
www.socca.org



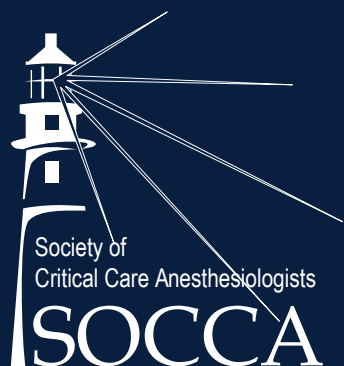
New Date and Location
SAVE THE DATE

SOCCA

Presented prior to the IARS 2014 Annual Meeting and International Science Symposium

27th Annual Meeting and Critical Care Update

May 16, 2014 | Fairmont The Queen Elizabeth Hotel | Montréal, Canada



Visit www.SOCCA.org

Images from left to right: © Pointe-à-Callière, Montréal Museum of Archaeology and History, © Canadian Tourism Commission, Pierre St-Jacques, © www.old.montreal.qc.ca, le photographe masqué



Explore Montréal

Experience the European charm of Montréal while exploring its 19 distinctive neighborhoods – marrying the old with new architecture. The city is recognized for its commitment to sustainability, ground-breaking entertainment (*Cirque du Soleil* calls the city home), wide selection of arts festivals, inventive cuisine, and cultural diversity (one in every 3 Montréal residents is an immigrant). From the historical churches and architecture to museums, parks and ecological sites, the selection of restaurants and sites throughout the city is vast, fulfilling the desires of all visitors. Some highlights include the *Basilica Notre-Dame*, *Old Port*, *Parc du Mount-Royal*, *Marché Bonsecour*, *Montréal Biodôme*, *Museum of Archaeology and History*, *Place Jacques Cartier*, and much more!

Montréal *by the Numbers*

2 Number ranked in size among French-speaking cities (Paris is #1)	18 Number of miles of shops, restaurants and attractions that make up Montréal's Underground City	24 Number of Stanley Cups won by the Montréal Canadians – best record in the NHL	1 Number ranked for largest inland port on earth for the Port of Montréal	9 Number of bridges that surround Montréal
1969 Year John Lennon and Yoko Ono staged their second week-long bed-in at the Fairmont The Queen Elizabeth Hotel in Suite 1742	15 Number ranked in city size in North America	16 Number ranked among the world's most livable cities by <i>Monocle Magazine</i> in 2008	85 Percentage of world's maple syrup produced in Montréal's province of Québec	11 Number of universities
1976 Year Olympic Games took place in Montréal – the Fairmont The Queen Elizabeth Hotel was the headquarters	4,000 Number of years ago that First Nations native people lived in Montréal	2006 Year named a UNESCO City of Design along with Berlin and Buenos Aires	1876 Year the 500-acre Mount Royal Park, designed by Frederick Law Olmstead, was created	373 Approximate number of miles of bike paths
4,500 Number of animals from 250 different species and 500 plant species that call Biodôme Montréal home	1 Number ranked for largest church in Canada for St. Joseph's Oratory	19 Number of boroughs that form the city	2 Number ranked for most restaurants per capita in North America (New York City is #1)	10 Number of rollercoasters at Montréal's Le Ronde Amusement Park
	3,000 Approximate number of musicians who participate in the Festival International de Jazz de Montréal each summer	12 Number of Titanic victims buried in Montréal's cemeteries	68 Number of stations in the Montréal subway	80 Number of languages spoken in Montréal
				1933 Year that Marché Atwater, one of Montréal's oldest markets, opened

Register Today!

Join over 1,000 of the world's leading anesthesia educators and investigators for an invigorating program featuring **27 Review Course Lectures** by experts, **22 Panels** focused on cutting-edge topics in the sub-specialty fields, **24 Problem-Based Learning Discussions** with challenging case-based scenarios, **5 Interactive Ultrasound Workshops**, **3 Education Symposia**, a **2-day Resident Education Program** and **3 days of Moderated Poster Discussions**.

Featured Sessions Include ...

T.H. Seldon Memorial Lecture ■ Saturday, May 17, 8:30 am - 9:30 am

Global Challenges in Anesthesia: Are We Doing Enough?

Nationally and internationally known for her humanitarian efforts and contributions to the specialty, Opening Session Presenter **Angela Enright, OC, MB, FRCPC** will share her first-hand experience about the global challenges facing anesthesiology today while addressing the question – Are we doing enough?

Resident Program

Saturday, May 17, 1:00 pm - 5:15 pm and Sunday, May 18, 7:30 am - 10:00 am

Changing Healthcare and Its Demands: Prepare Yourself for the Future

Residents will gain valuable knowledge about training and career advancement, and receive essential hands-on experience guided by the experts during the two-day Resident Program, including the Resident Abstract Awards Session, Resident Symposium, the Regional Ultrasound Guided Workshop and the Contract Workshop.

International Science Symposium ■ Sunday, May 18, 8:00 am - 11:00 am

Inflammation and its Perioperative Implications

Moderator: Emery N. Brown, MD, PhD, along with panelists: Richard Hotchkiss, MD; Mervyn Maze, MB ChB, FRCP, FRCA, FMedSci; Holger K. Eltzschig, MD, PhD

Anesthesia & Analgesia Case Reports Lunch Sessions

Saturday, May 17 - Monday, May 19

A&A published case report authors will present their patient cases for review, examination and an interactive discussion with lunch attendees.
(The A&A Case Reports Sessions require an additional fee to attend and seating is limited.)

*See you in Montréal for four days of
valuable learning and networking with colleagues!*





IARS Education Symposia

■ Saturday, May 17, 1:00 pm - 4:00 pm

Evidence-Based Decision-Making, Health Technology Assessment, and Knowledge Translation for Anesthesia and Perioperative Medicine (EBDM, HTA & KT)

Moderator: Davy C.H. Cheng, MD, MSc,
FRCPC, FACHS, CCPE

■ Sunday, May 18, 1:30 pm - 4:30 pm

*Enhanced Surgical Recovery Program:
The Role of the Anesthesiologist*

Moderator: Tong Joo (T.J.) Gan, MD, MHS, FRCA, FFARCS(I)

■ Monday, May 19, 7:00 am - 10:00 am

The Perioperative Surgical Home: How Can It Make the Case So Everyone Wins?

Moderator, Thomas R. Vetter, MD, MPH

Save the Date! New Date and Time!

SOCCA 27th Annual Meeting and Critical Care Update

On Friday, May 16, 2014, the Society of Critical Care Anesthesiologists 27th Annual Meeting and Critical Care Update will be held in Montréal, Canada in conjunction with the International Anesthesia Research Society 2014 Annual Meeting. This international meeting will bring together hundreds of critical care anesthesiologists with the goal of examining and challenging current practices in critical care. Attendees can expect an exploration of exciting new literature, research and technology, in addition to the presentations of the Young Investigator Award and the Lifetime Achievement Award.

SOCCA will also be sponsoring two workshops at the IARS meeting on Saturday, May 17. The morning session will be the highly-regarded Critical Care Ultrasound Workshop. The newly crafted afternoon session will be placing attendees in the hot seat as they participate in an Anesthesia-ACLS simulation session. We look forward to seeing you in Montréal!



IARS 2014 Annual Meeting Program Committee

Keith A. (Tony) Jones, MD – Co-Chair
The University of Alabama at Birmingham
Birmingham, Alabama

Santhanam Suresh, MD, FAAP – Co-Chair
Ann & Robert H. Lurie Children's Hospital and
Northwestern University's Feinberg School of Medicine
Chicago, Illinois

Beverley A. Orser, MD, PhD, FRCPC
University of Toronto
Toronto, Ontario, Canada

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Rochester, Minnesota

Christian P. Werner, MD
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Continuing Medical Education (CME) Activity Information

Activity Overview

Findings from new research and the evolution of anesthesiology practice based on emerging evidence create an inherent gap between existing practice and new practice models. The IARS 2014 Annual Meeting addresses anesthesiology practice gaps in all areas of anesthesiology practice and pain management and supports physician behavior changes and improved patient outcomes.

Target Audience

The IARS 2014 Annual Meeting CME activity is designed to address the continuing medical education needs of anesthesiologists, anesthesiologists in training, anesthesia researchers, and allied health professionals who conduct research, practice or intend to practice in any area of general anesthesia, subspecialty anesthesia, or pain management.

American Medical Association (AMA)

Credit Designation Statement

The IARS designates this Live Activity for a maximum of 27 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Medical Association (AMA) has determined that physicians not licensed in the United States who participate in this CME activity are eligible for AMA Physician's Recognition Award Category credits.

Accreditation Statement

The International Anesthesia Research Society (IARS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Objectives

As a result of participation in this CME activity, learners should be able to:

- Recognize the current state of emerging knowledge and practice patterns and assess the relevance for their professional practice;
- Incorporate new knowledge from advances in anesthesiology practice into their professional practice areas; and
- Recognize gaps in their knowledge, behavior, and patient outcomes that may result in a need for additional education and training.

About the IARS

The IARS is anesthesiology's nonpolitical organization focused on providing scientific and evidence-based safe anesthesia care. Founded in 1922, the IARS contributes more than \$1 million annually to fund anesthesia research and provides a forum for leaders in anesthesia research to share information and ideas. The Society publishes the *Anesthesia & Analgesia* journal and sponsors the SmartTots initiative in partnership with the FDA. Membership includes physicians and others engaged in anesthesia-related practice, research, and training worldwide.

8:30 am – 9:30 am

Opening General Session

T.H. Seldon Memorial Lecture

Global Challenges in Anesthesia: Are We Doing Enough?



Angela Enright, OC, MB, FRCPC

*Clinical Professor of Anesthesia,
University of British Columbia
Anesthesiologist, Vancouver Island Health Authority
Victoria, British Columbia, Canada*

- Dr. Enright served as the CAS President in 1994-95.
- In 2000, she was appointed Chair of the Education Committee of the World Federation of Societies of Anaesthesiologists (WFSA).
- In 2008, she was elected as WFSA President for a four-year term.

Well-known both nationally and internationally, Dr. Enright has been widely recognized for her significant humanitarian efforts and contributions to the profession. She received the Officer of the Order of Canada in 2010 and was awarded the Queen Elizabeth II Diamond Jubilee Medal in 2012.

Dr. Angela Enright was given the honor of delivering the inaugural Dr. Angela Enright Lecture at the 2012 CAS Annual Meeting in Quebec City. In 2008, Dr. Enright became heavily involved with the global pulse oximetry project of the World Health Organization in developing educational and training materials and facilitating the formation of Lifebox to purchase and distribute oximeters.

Through CAS, Dr. Enright has also been very active in CAS IEF, including working with the American Society of Anesthesiologists and the National University of Rwanda to develop a training program in anesthesia for physicians.

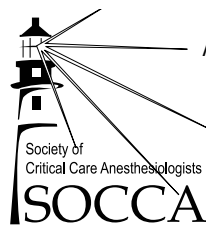
Dr. Enright has a particular interest in education in low-resource areas and chaired the board of the CAS International Educational Foundation (CAS IEF) for many years. During that time, she started a residency training program in Rwanda which is now just entering its seventh year.

In 2009, Dr. Enright was awarded the Gold Medal of the Irish College of Anaesthetists, only the second time this has been awarded. In 2012, she was admitted to Honorary Membership of the Association of Anaesthetists of Great Britain and Ireland for Distinguished Services to the Science and Art of Anaesthesia.

Also, Dr. Enright was the recipient of the American Society of Anesthesiologists' (ASA) 2012 Nicholas M Greene, MD Award for Outstanding Humanitarian Contribution. This award recognizes Dr. Enright's commitment to humanitarian aid, as well as her contributions to anesthesia and training. The Committee on Global Humanitarian Outreach also recognized Dr. Enright's "fine work" and the "unique sacrifice" she has made in serving others in the international community.

T.H. Seldon Memorial Lecture

Established to honor Dr. "Harry" Seldon, the *Anesthesia & Analgesia* Editor-In-Chief for 23 years from 1954-1976. It became the T.H. Seldon Memorial Lecture in 1992 after Dr. Seldon's death in 1991.



Arrive early to Montréal for the SOCCA 27th Annual Meeting & Critical Care Update on Friday, May 16 and stay for critical care education sessions featured on Saturday, May 17!

Review Course Lecture

ANESTHESIA ADVANCED CIRCULATORY LIFE SUPPORT

Presenter: Vivek K. Moitra, MD, Associate Clinical Professor of Anesthesiology, Associate Medical Director, Surgical Intensive Care Unit, Associate Program Director, Critical Care Medicine Fellowship, Division of Critical Care, Columbia University College of Physicians and Surgeons, New York, New York

Problem-Based Learning Discussion (PBLD)

A COMPLEX CHALLENGE: SPINAL INSTRUMENTATION REQUIRING AGGRESSIVE RESUSCITATION TECHNIQUES AND MULTIMODAL ANALGESIA

Moderator: Elizabeth Brady Mahanna, MD, Assistant Professor of Anesthesiology, Divisions of Critical Care Medicine and Neuroanesthesia, University of Florida, Gainesville, Florida

Panel Session

FROM THE ICU TO THE OR: CRITICAL ILLNESS INTRAOPERATIVE DECISIONS IN THE OR

Moderator: Neal H. Cohen, MD, MPH, MS, Professor, Department of Anesthesia and Perioperative Care and Interim Vice Dean, Academic Affairs, UCSF School of Medicine, San Francisco, California

Panelists:

- **Management Techniques for Mechanical Ventilatory Support in a Patient in ARDSnet Protocol with Deteriorating Oxygenation**

Avery Tung, MD, FCCM, Professor, Quality Chief for Anesthesia, Department of Anesthesia and Critical Care, University of Chicago, Chicago, Illinois

- **Modification of Vasoactive Therapy Hypotensive Despite Phenylephrine Infusion**

Daniel R. Brown, MD, PhD, FCCM, Associate Professor of Anesthesiology, Chair, Division of Critical Care Medicine, Department of Anesthesiology, Mayo Clinic, Rochester, Minnesota

- **Patient Advanced Directives Request No Further Resuscitative Efforts in the ICU – What Now?**

Brenda G. Fahy, MD, MCCM, Professor of Anesthesiology, Department of Anesthesiology in the College of Medicine and Division Chief, Critical Care Medicine, University of Florida, Gainesville, Florida, President, Society of Critical Care Anesthesiologists

Hands-On Workshop

CRITICAL CARE ULTRASOUND WORKSHOP

Workshop Leaders:

Steven G. Venticinque, MD, Professor of Clinical Anesthesiology and Surgery, Cardiac Anesthesia and Critical Care Medicine Faculty, University of Texas Health Science Center, San Antonio, Texas

Antonio Hernandez, MD, Associate Professor of Clinical Anesthesiology, Cardiac Anesthesia and Critical Care Medicine Faculty, Vanderbilt University Medical Center, Nashville, Tennessee

The Society of Critical Care Anesthesiologists (SOCCA) will be conducting a four-hour critical care ultrasound workshop utilizing focused lectures, hands-on training with live models, simulators, and state-of-the-art ultrasound equipment. This course is designed to teach the participant the fundamentals of bedside critical care ultrasonography including: basic surface ultrasound views of the heart, lungs, and pleural space using views outlined in the Focused Assessed Transthoracic Echo (FATE) exam. The immediate goal of the workshop is for the participants to be able to utilize bedside surface ultrasonography as a diagnostic tool for the evaluation of patients with hemodynamic instability and/or respiratory failure in the perioperative setting. The use of diagnostic ultrasound for assessing A-ACLS related conditions will also be emphasized.

Hands-On Workshop

PERIOPERATIVE ACLS SIMULATION WORKSHOP

Workshop Leader: Vivek K. Moitra, MD, Associate Clinical Professor of Anesthesiology, Associate Medical Director, Surgical Intensive Care Unit, Associate Program Director, Critical Care Medicine Fellowship, Division of Critical Care, Columbia University College of Physicians and Surgeons, New York, New York

The Society of Critical Care Anesthesiologists (SOCCA) will be conducting this simulation workshop with a focus on Perioperative (Anesthesia-Centric) ACLS, which addresses content related to perioperative urgencies: crisis resource management, ventricular failure, and anesthetic emergencies. The workshop will begin with a 20-minute orientation and Q&A session. Five small group scenario sessions will follow. Each session will be 30 minutes and will include simulation debriefings. Each station will cover a different perioperative emergency. A 5-minute break will be given between each station.

FRIDAY, MAY 16

- 6:30 am – 5:30 pm **Registration**
- 7:30 am – 5:30 pm **Society of Critical Care Anesthesiologists 27th Annual Meeting and Critical Care Update**

SATURDAY, MAY 17 – Focus on Critical Care

- 6:00 am – 5:00 pm **Registration**
- 8:00 am – 8:30 am **Welcome and Opening Remarks**
- 8:30 am – 9:30 am **T.H. Seldon Memorial Lecture Opening General Session**
Global Challenges in Anesthesia: Are We Doing Enough?
Angela Enright, OC, MB, FRCPC
- 10:00 am – 5:00 pm **Concurrent Sessions**
- Review Course Lectures
 - Panels
 - Moderated Poster Discussion Rounds
 - Hands-On Workshops
- 12:00 pm – 1:00 pm **Lunch Sessions**
- *Anesthesia & Analgesia* Case Reports
 - Problem-Based Learning Discussions
- 1:00 pm – 3:00 pm **Resident Symposium**
Changing Healthcare and its Demands: Prepare Yourself for the Future
- 1:00 pm – 4:00 pm **Symposium**
Evidence-Based Decision-Making, Health Technology Assessment & Knowledge Translation for Anesthesia and Perioperative Medicine (EBDM, HTA & KT)
- 3:15 pm – 5:15 pm **Resident Ultrasound Guided Regional Workshop**
- 7:00 am – 2:00 pm Tabletop Exhibits

SUNDAY, MAY 18

- 6:00 am – 5:00 pm **Registration**
- 7:00 am – 5:00 pm **Concurrent Sessions**
- Review Course Lectures
 - Panels
 - Moderated Poster Discussion Rounds
 - Hands-On Workshops

SUNDAY, MAY 18 – continued

- 7:30 am – 8:30 am **Resident Abstract Awards Session**
- 8:00 am – 11:00 am **International Science Symposium**
Inflammation and its Perioperative Implications
- 8:30 am – 10:00 am **Resident Contract Workshop**
Your Employment Contract: Things You Don't Want To Miss!
- 12:30 pm – 1:30 pm **Lunch Sessions**
- *Anesthesia & Analgesia* Case Reports
 - Problem-Based Learning Discussions
- 1:30 pm – 4:30 pm **Symposium**
Enhanced Surgical Recovery Program: The Role of the Anesthesiologist
- 7:00 am – 2:00 pm Tabletop Exhibits

MONDAY, MAY 19

- 6:00 am – 5:00 pm **Registration**
- 7:00 am – 10:00 am **Symposium**
The Perioperative Surgical Home: How Can It Make the Case So Everyone Wins?
- 7:00 am – 5:30 pm **Concurrent Sessions**
- Review Course Lectures
 - Panels
 - Moderated Poster Discussion Rounds
 - Hands-On Workshops
- 12:30 pm – 1:30 pm **Lunch Sessions**
- *Anesthesia & Analgesia* Case Reports
 - Problem-Based Learning Discussions
- 1:30 pm – 3:30 pm **Abstract Awards Session**
- Best of Meeting Awards
 - Kosaka Abstract Awards
- 7:00 am – 2:00 pm Tabletop Exhibits

TUESDAY, MAY 20

- 6:00 am – 11:30 am **Registration**
- 7:00 am – 8:00 am **Problem-Based Learning Discussions**
- 8:00 am – 12:00 pm **Concurrent Sessions**
- Review Course Lectures
 - Panels

*Subject to change

Saturday, May 17 – Tuesday, May 20

Participate in 27 Review Course Lectures and listen to the leading experts on the topics as they present cutting-edge information. Review Course Lectures at the IARS Annual Meeting will take place Saturday, May 17 through Tuesday, May 20 and are included as part of your registration fee! Preliminary Program Lectures include:

TEN THINGS YOU ALWAYS WANTED TO KNOW ABOUT PEDIATRIC ANESTHESIA

Presenter: Peter J. Davis, MD, *Anesthesiologist-in-Chief, Children's Hospital of Pittsburgh; Professor of Anesthesiology and Pediatrics, University of Pittsburgh School of Medicine, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, Pennsylvania*

Presenter: Santhanam Suresh, MD, FAAP, *Anesthesiologist-in-Chief, Ann and Robert H. Lurie Children's Hospital of Chicago; Professor of Anesthesiology and Pediatrics, Northwestern University's Feinberg School of Medicine, Chicago, Illinois*

THERAPEUTIC POTENTIAL OF MESENCHYMAL STROMAL CELL THERAPY FOR ACUTE RESPIRATORY DISTRESS SYNDROME

Presenter: John G. Laffey, MD, *Chief, Department of Anesthesia, Scientist, Keenan Research Centre; St. Michael's Hospital, Professor, Anesthesia and Physiology, University of Toronto, Toronto, Ontario, Canada*

CONTROVERSIES IN PATIENT SAFETY: MAKING PERIOPERATIVE CARE SAFER IN 2014

Presenter: Avery Tung, MD, FCCM, *Professor, Quality Chief for Anesthesia, Department of Anesthesia and Critical Care, University of Chicago, Chicago, Illinois*

MISUNDERSTANDINGS IN NEUROANESTHESIA

Presenter: John C. Drummond, MD, FRCPC, *Professor of Anesthesiology, University of California, San Diego, Staff Anesthesiologist, VAMC San Diego, San Diego, California*

RISK STRATIFICATION AND ASSESSMENT OF THE OLDER SURGICAL PATIENT: ARE WE MISSING SOMETHING?

Presenter: Leanne Groban, MD, *Professor, Cardiothoracic Anesthesiology Hypertension and Vascular Research Center, Office of Women in Medicine and Science, Sticht Center on Aging, Wake Forest Baptist Medical Center, Winston-Salem, North Carolina*

ACUTE CARE OF TRAUMATIC SPINAL CORD INJURY

Presenter: Arman Dagal, MD, FRCA, *Assistant Professor, Department of Anesthesiology and Pain Medicine and Department of Orthopaedics and Sport Medicine, Adjunct Assistant Professor of Neurological Surgery, Division Head of Spine and Orthopaedic Anesthesia Services, Harborview Medical Center, University of Washington, Seattle, Washington*

TTE AND PERIOPERATIVE MEDICINE: WHY YOU SHOULD LEARN IT

Presenter: Joshua M. Zimmerman, MD, FASE, *Associate Professor, Medical Director, Preoperative Clinic; Director of Education, Perioperative Echocardiography University of Utah, Department of Anesthesiology, Salt Lake City, Utah*

Register Today!

Join us in Montréal and benefit from four days of outstanding education.

Visit www.iars.org for updates to the program.

Saturday, May 17 – Tuesday, May 20

BIS MONITORING AND PERIOPERATIVE OUTCOMES: DOES IT MAKE A DIFFERENCE?

Presenter: Michael Avidan, MBBCh, FCASA, *Professor of Anesthesiology and Cardiothoracic Surgery; Division Chief, CT Anesthesiology and CT Intensive Care; Director, Institute of Quality Improvement, Research and Informatics, Washington University School of Medicine, St. Louis, Missouri*

TIGHTEN YOUR BELTS! REDUCE YOUR TRANSFUSION COSTS WITH PRE-OPERATIVE MANAGEMENT OF ANEMIC PATIENTS

Presenter: Thomas Vetter, MPH, *Maurice S. Albin Professor of Anesthesiology and Vice Chair, Director, Division of Pain Medicine Medical Director, UAB Preoperative Assessment, Consultation and Treatment Clinic*

Professor of Pediatrics, University of Alabama at Birmingham School of Medicine, Professor of Health Care Organization and Policy, University of Alabama at Birmingham School of Public Health, Birmingham, Alabama

REGIONAL ANESTHESIA FOR ORTHOPEDIC SURGERY: BLOCKS THAT EVERYONE SHOULD KNOW!

Presenter: Andrew D. Rosenberg, MD, *Chief, Department of Anesthesiology, NYU Hospital for Joint Diseases; Executive Vice Chair, Department of Anesthesiology, Professor of Anesthesiology and Orthopedic Surgery, NYU School of Medicine, New York, New York*

DON'T MAKE THINGS WORSE WITH YOUR VENTILATOR SETTINGS!

Presenter: Peter Douglas Slinger, MD, *Professor of Anesthesia, University of Toronto, Toronto, Ontario, Canada*

ANESTHESIA FOR ELECTROPHYSIOLOGY

Presenter: Daniel Bainbridge, MD, FRCPC, *Associate Professor, and Director of Cardiac Anesthesia, Department of Anesthesia and Perioperative Medicine, London Health Sciences Center, Western University, London, Ontario, Canada*

BEATING JOE CAMEL: HOW ADDRESSING TOBACCO USE HELPS YOUR PATIENTS AND YOUR PRACTICE

Presenter: David O. Warner, MD, *Director, Research Management Programs, Mayo Clinic Center for Clinical and Translational Science (CCaTS), Professor of Anesthesiology, Mayo Clinic College of Medicine, Rochester, Minnesota*

ANESTHETICS AND INFLAMMATION: A PERFECT STORM FOR LONG-TERM MEMORY LOSS

Presenter: Beverley A. Orser, MD, PhD, FRCPC, *Fellow, Canadian Academy of Health Sciences, Canada Research Chair in Anesthesia, Professor of Anesthesia and Physiology, University of Toronto, Toronto, Ontario, Canada*

OBSTETRIC HEMORRHAGE – THE RIGHT RESPONSE AT THE RIGHT TIME

Presenter: Cynthia A. Wong, MD, *Professor and Vice Chair, Department of Anesthesiology, Northwestern University's Feinberg School of Medicine, Chicago, Illinois*

Moderated Poster Discussion Rounds

Approximately 400 abstract posters will be presented at the Annual Meeting, Saturday, May 17 – Monday, May 19.

Moderators and abstract authors will meet one-on-one with attendees to review and discuss abstracts and to answer any questions.

The schedule for the Moderated Poster Rounds will be made available in the Final Program and posted online in April 2014.

Symposium, Saturday, May 17, 1:00 pm – 3:00 pm

Changing Healthcare and Its Demands: Prepare Yourself for the Future

Moderator: Santhanam Suresh, MD, FAAP *Anesthesiologist-in-Chief,
Ann & Robert H. Lurie Children's Hospital of Chicago; Professor of Anesthesiology and
Pediatrics, Northwestern University's Feinberg School of Medicine, Chicago, Illinois*

Presenters

Academic Anesthesia – Can You Make the Cut?

David O. Warner, MD, *Director, Research Management
Programs, Mayo Clinic Center for Clinical and Translational
Science (CCaTS), Professor of Anesthesiology, Mayo Clinic College
of Medicine, Rochester, Minnesota*

Fellowship Training – Pride or Prejudice

James P. Rathmell, MD, *Executive Vice Chair and Chief, Division
of Pain Medicine, Department of Anesthesia, Critical Care and
Pain Medicine, Massachusetts General Hospital, Henry Knowles
Beecher Professor of Anaesthesia, Harvard Medical School,
Boston, Massachusetts*

Opportunities in Private Practice in Anesthesia: Does This Still Exist?

Aubrey Maze, MD, FAAP, *Chief Executive Officer, Valley Anesthesiology
Consultants, Clinical Professor of
Anesthesiology, University of Arizona, Phoenix, Arizona*

The Ten Most Difficult Questions from *OpenAnesthesia* Explained

Edward C. Nemergut, MD, *Associate Professor of Anesthesiology and
Neurological Surgery, Program Director, Department of Anesthesiology,
University of Virginia, Charlottesville, Virginia; Editor-in-Chief,
*OpenAnesthesia**

Regional Ultrasound Guided Workshop, Saturday, May 17, 3:15 pm – 5:15 pm

Presenters

Juan Francisco Asenjo, MD, *Montréal General Hospital,
McGill University Health Centre, Montréal (Quebec) Canada*

Vincent W.S. Chan, MD, FRCPC, *University of Toronto,
Toronto Western Hospital, Toronto, Ontario, Canada*

Andrew D. Rosenberg, MD, *NYU Hospital for Joint Diseases
and NYU School of Medicine, New York, New York*

Santhanam Suresh, MD, FAAP, *Ann & Robert H. Lurie
Children's Hospital of Chicago and Northwestern University's
Feinberg School of Medicine, Chicago, Illinois*

Abstract Awards Session, Sunday, May 18, 7:30 am – 8:30 am

*Compete for a \$1,000 prize and the honor of being named Best Resident Abstract
at the IARS 2014 Annual Meeting*

Workshop: Your Employment Contract: Things You Don't Want to Miss!

Sunday, May 18, 8:30 am – 10:00 am

Presenters

Aubrey Maze, MD, FAAP, *Chief Executive Officer, Valley
Anesthesiology Consultants, Clinical Professor of Anesthesiology,
University of Arizona, Phoenix, Arizona*

Joseph W. Szokol, MD, JD, MBA, *Vice Chairman,
Department of Anesthesiology, NorthShore University HealthSystem,
Evanston, Illinois, Clinical Professor of Anesthesia and Critical Care,
University of Chicago Pritzker School of Medicine, Chicago, Illinois*

Saturday, May 17 | 1:00 pm – 4:00 pm

Evidence-Based Decision-Making, Health Technology Assessment, and Knowledge Translation for Anesthesia and Perioperative Medicine (EBDM, HTA & KT)

Moderator

Davy C.H. Cheng, MD, MSc, FRCPC, FCAHS, CCPE

Presenters

The Perils of Bias, and Evidence Reversals in Decision-Making

Janet Martin, PharmD, MSc (HTA), PhD,

Director, MEDICI Center and Assistant Professor, Department of Anesthesia and Perioperative Medicine, Western University, London, Ontario, Canada

Why Do We Need Health Technology Assessment?

Maurice McGregor, OC, OQ, MB BCh, FRCP(London), FRCPC, FACC, Professor

Emeritus and Founding Chair, HTA Unit McGill University Health Centre Institution/Organization: McGill University, Montréal, Quebec, Canada

Tools and Techniques for Getting Evidence into Practice

Davy C.H. Cheng, MD, MSc, FRCPC, FCAHS, CCPE,

Distinguished University Professor and Chair; Medical Director, MEDICI Centre, Department of Anesthesia and Perioperative Medicine, Western University, London, Ontario, Canada

Panel Discussion:

Forefront of Evidence-Based Decision-Making and Knowledge Translation in Perioperative Medicine using Interactive Case Studies

Learner Objectives:

After participating in this activity, the learner will be able to: (1) Compare and contrast intuitive decision-making (bias-riddled) versus evidence-based decision-making (bias-minimized); (2) Use tools and techniques for individual patient-level decision-making and for health policy-making; (3) Navigate decision-making when existing evidence appears to be contradictory using hot topics of relevance to anesthesia and perioperative medicine (i.e. specific topics will depend on what is "hot" in spring 2014, but may include TAVI, OPCAB surgery, EPO preop, BIS/neuro-monitoring, Antifibrinolytics, pre-operative testing, colloids vs. crystalloids, and a variety of examples from minimally-invasive surgery); and (4) Identify specific ways that anesthesiologists can contribute to the growing field of health technology assessment and knowledge translation (HTA & KT).

Saturday, May 17 – Tuesday, May 20



APSF SAFETY PANEL – POSITIONING COMPLICATIONS: THE “LITTLE PROBLEM” THAT KEEPS GETTING BIGGER!

Moderator: Richard C. Prielipp, MD, MBA, FCCM, J.J. Buckley
Professor and Chair, Department of Anesthesiology, University of
Minnesota, Minneapolis, Minnesota, APSF Executive Committee and
Chairman, Committee on Education and Training

Panelists:

■ Beach Chair Position and CNS Injury

- Summary of case reports
- Review of head-up hemodynamics:
Is there a cerebral siphon effect?
- Early lessons from current investigations

Charles W. Hogue, MD, Professor, Anesthesiology and Critical
Care Medicine, Chief, Division of Adult Anesthesia, The Johns
Hopkins University School of Medicine, The Johns Hopkins Hospital,
Baltimore, Maryland

■ Extremity Nerve Injuries

- Ulnar neuropathy: Still #1!
– Causes and prevention
- Risky positions for the brachial plexus, including robotic
thyroid surgery
- What precautions can protect nerves of the lower extremities

Robert C. Morell, MD, APSF Newsletter Co-Editor,
Anesthesiologist, Private Practice, Niceville, Florida

■ Complications of Prone Position: POVL and More

- Issues of informed consent
- Prone and head down physiology
- POVL Registry: What have we learned?

Lorri A. Lee, MD, Professor of Anesthesiology and Neurological
Surgery, Chief, Division of Neurosurgical Anesthesiology, Vanderbilt
University Medical Center, Nashville, Tennessee



FLUID RESUSCITATION FOR THE TRAUMA PATIENT

Moderator: Jean-Francois Pittet, MD, Director,
Division of Critical Care and Perioperative Medicine,
Professor and Vice Chair, Department of Anesthesiology, Professor,
Department of Surgery, Professor, Department of Cell Biology,
Investigator, Center for Lung Injury and Repair, University of Alabama
at Birmingham, Birmingham, Alabama

Panelists:

■ Fluid Resuscitation for the Trauma Patient: Crystalloids or Colloids?

Roman Dudaryk, MD, Assistant Professor of Clinical
Anesthesiology, University of Miami Hospital, Miami, Florida

■ Fluid Resuscitation for the Trauma Patient: Effect on Inflammation and Coagulation

Albert Pierce, II, MD, Associate Professor of Anesthesiology,
University of Alabama at Birmingham, Birmingham, Alabama

■ Fluid Resuscitation for the Trauma Patient: The Case of the Patient with Traumatic Brain Injury

Tomoki Hashimoto, MD, Professor, Department of Anesthesia
and Perioperative Care, University of California, San Francisco,
San Francisco, California



AUA
Association of University
Anesthesiologists

ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

Moderator: Lee A. Fleisher, MD, Robert D. Dripps Professor and
Chair of Anesthesiology and Critical Care Professor of Medicine Perelman
School of Medicine of the University of Pennsylvania President, AUA,
Philadelphia, Pennsylvania

Panelists:

Keith A. (Tony) Jones, MD, Alfred Habeeb Professor and Chair,
Department of Anesthesiology, The University of Alabama at
Birmingham, Birmingham, Alabama

Hannah Wunsch, MD, Assistant Professor of Anesthesiology, Department
of Anesthesiology, Division of Critical Care Anesthesiology, Columbia
University Medical Center, New York, New York

Saturday, May 17 – Tuesday, May 20

ANESTHESIA & ANALGESIA REVIEWER GUIDANCE PANEL: HOW TO BECOME A GOOD REVIEWER

Moderator: Mark Rice, MD, Associate Professor, Anesthesiology, University of Florida, Gainesville, Florida

Panelists:

■ How (and Why) Should I Become a Reviewer?

- Administrative Set-up of the Journal
- Review Process

Steven L. Shafer, MD, Professor of Anesthesiology, Perioperative and Pain Medicine, Stanford University Medical Center, Stanford, California, Editor-In-Chief, Anesthesia & Analgesia

■ You Have a Manuscript to Review. Now What?

- Ready to Write the Review
- Specifics of Review

Mark Rice, MD, Associate Professor, Anesthesiology, University of Florida, Gainesville, Florida

■ Submitting Review

- Editor's Responsibility

Sorin Brull, MD, FCARCSI (Hon), Professor of Anesthesiology, Mayo Clinic, College of Medicine, Consultant, Department of Anesthesiology, Mayo Clinic, Jacksonville, Florida; Clinical Professor (Courtesy), Department of Anesthesiology, University of Florida, Gainesville, Florida



CONTROVERSIES IN NEUROSCIENCE IN ANESTHESIOLOGY AND CRITICAL CARE

Moderator: Deepak Sharma, MBBS, MD, DM, Associate Professor, Department of Anesthesiology and Pain Medicine, Adjunct Associate Professor, Department of Neurological Surgery, Program Director, Neuroanesthesiology Fellowship, Neuroanesthesiology Education Director, Harborview Medical Center, University of Washington, Seattle, Washington

Panelists:

■ The Beach Chair Position: Can We Really Relax?

John C. Drummond, MD, FRCPC, Professor of Anesthesiology, University of California, San Diego, Staff Anesthesiologist, VAMC San Diego, San Diego, California

■ Anesthetic Agents: Neuroprotective or Neurotoxic?

Gregory J. Crosby, MD, Vice Chairman for Finance and Administration, Department of Anesthesiology, Brigham and Women's Hospital, Associate Professor Harvard University, Boston, Massachusetts

■ Glucose: Essential Nutrient or Brain Toxin?

W. Andrew Kofke, MD, MBA, FCCM, Professor of Anesthesiology and Critical Care, University of Pennsylvania, Philadelphia, Pennsylvania



TACKLING INPATIENT-TYPE PROBLEMS IN THE OUTPATIENT SETTING

Moderator: Kumar Belani, MD, University of Minnesota, Minneapolis, Minnesota

Panelists:

■ Implanted Cardiac Devices

Alan P. Marco, MD, MMM, FACPE, Dean of Faculty and Clinical Affairs at the Wright State University Boonshoft School of Medicine and President and CEO of Wright State Physicians, Dayton, Ohio

■ Difficult Airway in the ASC Setting

Girish P. Joshi, MB, BS, MD, FFARCSI, Professor of Anesthesiology and Pain Management at the University of Texas Southwestern Medical School, Director of Perioperative Medicine and Ambulatory Anesthesia at Parkland Health and Hospital Systems, Dallas, Texas

■ MH Patients in an ASC: Pro

Kumar Belani, MD, Professor, Department of Anesthesiology, University of Minnesota, Minneapolis, Minnesota

■ MH Patients in an ASC: Con

Richard D. Urman, MD, MBA, Director, Procedural Sedation Management, Attending Anesthesiologist, Brigham and Women's Hospital, Instructor, Harvard Medical School, Boston, Massachusetts



PRACTICE ADVISORY ON NEUROLOGICAL COMPLICATIONS OF REGIONAL ANESTHESIA

Moderator: Joseph M. Neal, MD, Anesthesiology Faculty, Virginia Mason Medical Center, Seattle, Washington

Panelists:

■ Neuraxial Complications Associated with Regional Anesthesia

Joseph M. Neal, MD, Anesthesiology Faculty, Virginia Mason Medical Center, Seattle, Washington

■ Peripheral Nerve Complications Associated with Regional Anesthesia

Richard Brull, MD, Associate Professor, University of Toronto, Toronto, Ontario, Canada

■ Performing Regional Anesthesia in Patients with Pre-Existing Neurological Disease

James R. Hebl, MD, Professor, Anesthesiology, Mayo Clinic, Rochester, Minnesota

Sunday, May 18 | 8:00 am – 11:00 am

International Science Symposium *Inflammation and its Perioperative Implications*

Moderator

Emery N. Brown, MD, PhD

*Warren M. Zapol Professor of Anaesthesia
Harvard Medical School
Department of Anesthesia, Critical Care
and Pain Medicine
Massachusetts General Hospital*

*Edward Hood Taplin Professor of Medical Engineering
Institute for Medical Engineering and Science
Professor of Computational Neuroscience
Department of Brain and Cognitive Sciences
Massachusetts Institute of Technology
Boston, Massachusetts*

Immunotherapy of Sepsis – Promises and Pitfalls

Richard Hotchkiss, MD

*Professor of Anesthesiology, Medicine, and Surgery,
Molecular Biology and Pharmacology
Washington University School of Medicine
St. Louis, Missouri*

Failure to Resolve Inflammation – Pathogenesis for Postoperative Complications

Mervyn Maze, MB ChB, FRCP, FRCA, FMedSci

*William K. Hamilton Distinguished Professor of Anesthesiology
Professor and Chair, Department of Anesthesia and
Perioperative Care
UCSF School of Medicine
San Francisco, California*

MicroRNAs in the Resolution of Perioperative Inflammation

Holger K. Eltzschig, MD, PhD

*Professor of Anesthesiology, Medicine,
Cell Biology and Immunology
Director, Organ Protection Program
Department of Anesthesiology
University of Colorado School of Medicine
Denver, Colorado*

Saturday, May 17 – Tuesday, May 20



PART I: ASSESSMENT PROGRAMS FOR PRIMARY CERTIFICATION IN ANESTHESIOLOGY

- Description of the traditional Part 1 and Part 2 Examinations
- Overview of the Part 2 Examination process, including specific areas evaluated in the exam, common problems encountered by candidates, and discussion of the successful candidate
- Transition to the new Staged Examinations, including overview of the BASIC, ADVANCED and APPLIED Examinations

PART II: MAINTENANCE OF CERTIFICATION IN ANESTHESIOLOGY PROGRAM (MOCA®)

- Part 1: Assessments of Medical Licensure
- Part 2: CME Activities
- Part 3: Cognitive Examination and Prerequisites
- Part 4: Practice Performance Assessment and Improvement
- Diplomates' online portal accounts
- MOCA®-SUBS for maintenance of subspecialty certification

Panelists:

James P. Rathmell, MD, Executive Vice Chair and Chief, Division of Pain Medicine, Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Henry Knowles Beecher Professor of Anaesthesia, Harvard Medical School, Boston, Massachusetts

Santhanam Suresh, MD, FAAP, Anesthesiologist-in-Chief, Ann & Robert H. Lurie Children's Hospital of Chicago, Professor of Anesthesiology and Pediatrics, Northwestern University Feinberg School of Medicine, Chicago, Illinois



Liver Intensive Care
Group of Europe

METABOLIC SYNDROME AND THE LIVER: A NEW EPIDEMIC?

Moderator: Gebhard Wagener, MD, Associate Professor of Clinical Anesthesiology, Chief, Division of Vascular, Anesthesia, Member, Divisions of Critical Care Medicine and Liver Transplant Anesthesia, College of Physicians and Surgeons of Columbia University, New York, New York

Panelists:

■ Non-Alcoholic Fatty Liver Disease (NAFLD): The Hepatologist's Perspective

Fredric D. Gordon, MD, Medical Director of Liver Transplantation, Director of Hepatology, Department of Transplantation, Associate Professor of Medicine, Tufts Medical School, Burlington, Massachusetts

■ NAFLD and Liver Transplantation

Roman Schumann, MD, Vice Chair for Academic Affairs, Department of Anesthesiology, Tufts Medical Center, Vice Chair, Institutional Review Board, Tufts University Health Sciences, Staff Anesthesiologist, Department of Anesthesiology, Tufts Medical Center, Boston, Massachusetts

■ Liver Transplantation in 2014: Where are We and Where are We Going?

Gebhard Wagener, MD, Associate Professor of Clinical Anesthesiology, Chief, Division of Vascular, Anesthesia, Member, Divisions of Critical Care Medicine and Liver Transplant Anesthesia, College of Physicians and Surgeons of Columbia University, New York, New York

Saturday, May 17 – Tuesday, May 20



A DISTILLATION OF CURRENT PRACTICE GUIDELINES AND CONSENSUS STATEMENTS: WHAT'S NEW AND HOW CAN YOU INTEGRATE IT INTO YOUR PRACTICE?

Moderator: Colleen G. Koch, MD, MS, MBA, FACC

Panelists:

■ 2013 ASE/ SCA Guidelines for Performing a Basic and Comprehensive TEE Examination

Alan C. Finley, MD, Assistant Professor, Anesthesia and Perioperative Medicine, Medical University of South Carolina, Charleston, South Carolina

■ 2011 STS/ SCA Update on Blood Conservation Clinical Practice Guidelines

Colleen G. Koch, MD, MS, MBA, FACC, Professor of Anesthesiology, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Vice Chair Research and Education; Department of Cardiothoracic Anesthesia, Quality and Patient Safety Institute, Cleveland Clinic, Cleveland, Ohio

■ 2011 ASE/ SCA Guidelines for Performing Ultrasound Guided Vascular Cannulation

Chris Troianos, MD, Professor and Chief of Anesthesiology, Western Pennsylvania Hospital, Anesthesiology Residency Program Director, Allegheny Health Network, Western Campus of Temple University School of Medicine, Pittsburgh, Pennsylvania, Secretary/Treasurer, Society of Cardiovascular Anesthesiologists



PROMOTING PATIENT SAFETY: STRATEGIES TO REDUCE ANESTHETIC RISK IN CHILDREN

Moderator: Shoba V. Malviya, MD, Professor of Anesthesiology, Pediatric Anesthesiology, University of Michigan Health System, Ann Arbor, Michigan

Panelists:

■ Handoffs and Checklists

Eugenie S. Heitmiller, MD, Professor, Anesthesiology and Critical Care Medicine and Pediatrics, Clinical Director, Pediatric Anesthesiology, Johns Hopkins Children's Center, John Hopkins University School of Medicine, Baltimore, Maryland

■ Communication and its Role in Patient Safety

Nancy L. Glass, MD, Director, Chronic and Palliative Pain Service - Texas Children's Hospital, Professor, Pediatrics and Anesthesiology, Baylor College of Medicine, Texas Children's Hospital, Houston, Texas

■ Role of Simulation and Team Training in Advancing Patient Safety

James J. Fehr, MD, Pediatric Anesthesiology and Critical Care, Associate Professor of Anesthesiology and Pediatrics, Washington University, Director, Saigh Pediatric Simulation Center, St. Louis Children's Hospital, St. Louis, Missouri



DO YOU KNOW YOUR ANESTHETIC? THE ART AND SCIENCE OF CLINICAL PHARMACOLOGY

Moderator: Ken Johnson, MD

Panelists:

■ Beyond Half-Life and MAC: Core Practical Principles of Pharmacokinetics and Pharmacodynamics

Tom Krejcie, MD, Professor of Anesthesiology, Northwestern University, Evanston, Illinois

■ Understanding Anesthetic Drug Interaction

Presenter to be Announced

■ Implications of Obesity on the Clinical Pharmacology of Anesthetic Drugs

Ken Johnson, MD, Professor, Director, Center for Patient Simulation, Carter M Ballinger Presidential Chair in Anesthesiology, Department of Anesthesiology, Adjunct Faculty, Department of Bioengineering, University of Utah, Salt Lake City, Utah

■ The Alphabet Soup of Intravenous Anesthesia: TCI Versus TIVA: Is One Better than the Other?

Presenter to be Announced

TRANSLATIONAL NEUROSCIENCE PANEL

Moderator: Emery N. Brown, MD, PhD, Warren M. Zapol Professor of Anaesthesia Harvard Medical School Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital; Edward Hood Taplin Professor of Medical Engineering, Institute for Medical Engineering and Science; Professor of Computational Neuroscience, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Boston, Massachusetts

Panelists:

■ Cortical Mechanisms of Loss and Recovery of Consciousness: Insight TMS/EEG Studies

Marcelo Massimini, MD, PhD, Professor Neurophysiology at the University of Milan, Department of Biomedical and Clinical Sciences, University of Milan, Milan, Italy

■ Electroencephalogram Monitoring of General Anesthesia and Sedation: From Neurophysiology to Clinical Practice

Patrick L. Purdon, PhD, Assistant Professor of Anaesthesia, Harvard Medical School, Assistant Bioengineer, Massachusetts General Hospital, Boston, Massachusetts

■ Reanimation from General Anesthesia

Ken Solt, MD, Assistant Professor, Harvard Medical School, Assistant Anesthetist, Massachusetts General Hospital, Boston, Massachusetts

Saturday, May 17 – Tuesday, May 20

European
Society of
Anaesthesiology

ESA

**OPTIMIZING PATIENTS
UNDERGOING SURGERY**

Moderators:

Andreas Hoeft, MD PhD, Professor of Anesthesiology, Chair, Department of Anesthesiology and Intensive Care Medicine, University of Bonn, Bonn, Germany

Keith A. (Tony) Jones, MD, Alfred Habeeb Professor and Chair, Department of Anesthesiology, University of Alabama, Birmingham, Alabama

■ Can We Identify the Patient Prone For Postoperative Complications?

Andreas Hoeft, MD PhD, Professor of Anesthesiology, Chair, Department of Anesthesiology and Intensive Care Medicine, University of Bonn, Bonn, Germany

■ Perioperative Fluid Therapy: Should We Abandon Saline and Do We Need Colloids?

Robert Hahn, MD, PhD, Head of Research, Södertälje Hospital, Södertälje, Sweden, Professor of anaesthesia & intensive care, Linköping University, Registered researcher and Associate professor (docent), Karolinska Institutet, Stockholm, Sweden

■ Multimodal Anesthesia: Are Adjuvant Substances to Standard Balanced Anesthesia Useful?

Claude Meistelman, MD, Medical Director and Manager of the New Medical Center at Nancy Medical School, Nancy, France

■ Perioperative Goal Directed Therapy: Which Patients, Which Tools?

Wolfgang Buhre, MD, Professor of Anesthesiology, Chair, Department of Anesthesiology and Pain Medicine University Medical Center Maastricht, The Netherlands

SmartTots SMARTTOTS PANEL

Moderator: Lena S. Sun, MD, E.M., Papper Professor of Pediatric Anesthesiology, Professor of Anesthesiology and Pediatrics, Vice Chairman, Department of Anesthesiology, Chief, Division of Pediatric Anesthesia, Columbia University Medical Center, New York, New York

■ Using Pre-Clinical Studies to Guide Research in Humans

Andreas W. Loeck, MD, PhD, Principal Investigator in Anesthesiology, Cincinnati Children's Research Foundation, Attending Anesthesiologist, Division of Cardiac Anesthesia, Department of Anesthesiology, Cincinnati Children's Hospital Medical Center, Associate Professor of Clinical Anesthesia and Pediatrics, University of Cincinnati College of Medicine, Cincinnati, Ohio

■ Important Considerations in Neurodevelopmental Outcome Studies

David Bellinger, PhD, Senior Research Associate in Neurology, Children's Hospital Boston, Professor of Neurology, Harvard Medical School, Professor of Psychology, Department of Psychiatry, Harvard Medical School, Boston, Massachusetts

■ Translational Approaches to Treat Anesthetic Neurotoxicity

Richard J. Levy, MD, Associate Chief, Anesthesiology and Pain Medicine & Director, Cardiac Anesthesia, Principal Investigator, Children's Research Institute (CRI), Center for Genetic Medicine Research (CGMR), Associate Professor of Anesthesiology, Pediatrics, and Integrative Systems Biology, George Washington University School of Medicine and Health Sciences, Washington, DC

DOES ANESTHESIA DAMAGE THE BRAIN? THE SCIENCE BEHIND IT ALL

Moderator: Gwendolyn Boyd, MD, Professor, Anesthesiology, The University of Alabama at Birmingham, Birmingham, Alabama

Panelists:

■ Pro – Anesthesia Does Damage the Brain?

Jeffrey H. Silverstein, MD, MS, AGSF, Professor, Vice-Chair, Research, Mount Sinai School of Medicine, New York, New York

■ Con – Anesthesia Does Not Damage the Brain

Terri Monk, MD, Professor, Department of Anesthesiology and Perioperative Medicine University of Missouri, Columbia, Missouri

■ Role of Anesthetics in Neuroinflammation After Surgery

Zhiyi Zuo, MD, MS, PhD, Robert Epstein Professor, University of Virginia, Charlottesville, Virginia

■ The Use of Antipsychotics in the Management of Postoperative Delirium

Shamsuddin Akhtar, MD, Associate Professor, Yale University School of Medicine, New Haven, Connecticut

Saturday, May 17 – Tuesday, May 20



AUTOMATION, ROBOTICS AND THE INFLUENCE OF THE LATEST TECHNOLOGIES ON ANESTHESIA CARE PROVIDERS

Moderator: Thomas M. Hemmerling, MD, DEAA

Panelists:

■ **New Mobile OR Tools and Technologies for Mobile Anesthesia Providers**

Brian Rothman, MD, Assistant Professor, Department of Anesthesiology, Medical Director I for Perioperative Informatics, Vanderbilt University, Nashville, Tennessee

■ **Automated Fluid Management – Where Do We Come From and Where Are We Going!**

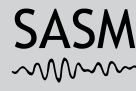
Maxime Cannesson, MD, PhD, Professor of Anesthesiology, Department of Anesthesiology and Perioperative Care, University of California - Irvine, Irvine, California, Section Editor for Technology Monitoring and Computing, Anesthesia & Analgesia

■ **Automated Anesthesia Delivery - An Update for the Clinician: Things to Come Soon to Your Bedside**

Ngai Liu, MD, Hôpital FOCH, Suresnes Cedex, France

■ **Robotics, Decision Support and Telemedical applications for Anesthesia: Will We Be Replaced?**

Thomas M. Hemmerling, MD, DEAA, Associate Professor, Department of Anesthesia, McGill University, MUHC, Institute of Biomedical engineering, Université de Montréal, Director, ITAG Laboratory, Associate Director, Arnold and Blema Steinberg Medical Simulation Centre, Montréal General Hospital, Montréal, Canada



PERI-OPERATIVE SLEEP

Moderator: David Hillman, MBBS, FANZCA, FRCP(Edin), FRACP(Hon), Clinical Professor, Head, Department of Pulmonary Physiology and Sleep Medicine Director, West Australian Sleep Disorders Research Institute, Sir Charles Gairdner Hospital, Perth, Australia; Immediate Past President, Society of Anesthesia and Sleep Medicine (SASM)

Panelists:

■ **The Effects of Surgery and Anesthesia on Sleep Architecture**

Frances Chung, MBBS, FRCPC, Professor of Anesthesiology, University of Toronto, Medical Director, Combined Surgical Unit, Ambulatory Surgical Unit, University Health Network, Toronto, Ontario, Canada; President, Society of Anesthesia and Sleep Medicine (SASM)

■ **Obesity, Sleep and Breathing: Perioperative Implications**

Matthias Eikermann, MD, PhD, Associate Professor of Anesthesia, Harvard Medical School, Director of Research, Critical Care Division, Massachusetts General Hospital, Boston, Massachusetts

■ **Perioperative Pain and Sleep**

Anthony Doufas, MD, Associate Professor, Stanford University Medical School, Stanford, California

■ **Sleep Disordered Breathing and Postoperative Delirium**

Mervyn Maze, MD, ChB, FRCP, FRCA, FMedSci, William K. Hamilton Distinguished Professor of Anesthesiology; Professor and Chair, Department of Anesthesia and Perioperative Care, UCSF School of Medicine, San Francisco, California

LONG TERM OUTCOMES AFTER NONCARDIAC SURGERY

Moderator: Wilton A. van Klei, MD, PhD, Department Head, Associate Professor, Department of Anesthesiology, University Medical Center Utrecht, Utrecht, Netherlands

Panelists:

W. Scott Beattie, MD, PhD, FRCPC, Professor, Department of Anesthesia, Faculty of Medicine, University of Toronto, R. Fraser Elliott Chair in Cardiac Anesthesia, Deputy Anesthesiologist-in-Chief, Director of Clinical Research, Toronto General Hospital, University Health Network, Toronto, Ontario, Canada

Wilton A. van Klei, MD, PhD, Department Head, Associate Professor, Department of Anesthesiology, University Medical Center Utrecht, Utrecht, Netherlands

Peter Nagele, MD, Assistant Professor, Anesthesiology, Washington University School of Medicine, St. Louis, Missouri

Saturday, May 17 – Tuesday, May 20



NEURAXIAL LABOR ANALGESIA: TRICKS OF THE TRADE

Moderator: **Brendan Carvalho, MBBCh, FRCA, MDCH**, *Chief of Obstetric Anesthesia and Associate MCL Professor in the Department of Anesthesiology, Stanford University Medical Center, Stanford California*

Panelists:

■ Obstetric and Neonatal Effects of Neuraxial Analgesia

Cynthia A. Wong, MD, *Professor and Vice Chair, Department of Anesthesiology, Northwestern University's Feinberg School of Medicine, Chicago, Illinois*

■ Techniques and Drugs to Optimize Labor Analgesia

Brendan Carvalho, MBBCh, FRCA, MDCH, *Chief of Obstetric Anesthesia and Associate MCL Professor in the Department of Anesthesiology, Stanford University Medical Center, Stanford California*

■ Troubleshooting the Poorly Functioning Epidural Catheter

Anne Lavoie, MD, FRCPC, *Assistant Clinical Professor, Centre Hospitalier Universitaire de l'Université de Montréal (CHUM)*



OBSESITY AND INFLAMMATORY CONDITIONS IN THE PERIOPERATIVE PERIOD

Moderator: **Roman Schumann, MD**, *Vice Chair for Academic Affairs, Department of Anesthesiology, Tufts Medical Center, Vice Chair, Institutional Review Board, Tufts University Health Sciences, Staff Anesthesiologist, Department of Anesthesiology, Tufts Medical Center, Boston, Massachusetts*

Panelists:

Stephanie Jones, MD, *Vice Chair for Education, Associate Professor, Beth Israel Medical Center, Boston, Massachusetts*

Michael A. E. Ramsay, MD, FRCA, *Chairman, Department of Anesthesiology & Pain Management, President, Baylor Research Institute, Baylor University Medical Center at Dallas, Dallas, Texas*

Frances Chung, MBBS, FRCPC, *Professor of Anesthesiology, University of Toronto, Medical Director, Combined Surgical Unit, Ambulatory Surgical Unit, University Health Network, Toronto, Ontario, Canada, President, Society of Anesthesia and Sleep Medicine (SASM)*

Mervyn Maze, MD, ChB, FRCP, FRCA, FMedSci, *William K. Hamilton Distinguished Professor of Anesthesiology; Professor and Chair, Department of Anesthesia and Perioperative Care, UCSF School of Medicine, San Francisco, California*



MANAGEMENT OF AIRWAY DILEMMAS

Moderator: **Maya S. Suresh, MD**, *Baylor College of Medicine, Houston, Texas*

■ Update on Application of New ASA Guidelines on Difficult Airway Management

William Rosenblatt MD, *Professor of Anesthesiology and of Surgery (Otolaryngology); Director, Anesthesia for otolaryngology; Yale School of Medicine, New Haven, Connecticut, REMEDY President and Founder, Past President of SAM*

■ Management of Difficult Airway Outside the OR/Remote Locations

Irene P. Osborn, MD, *Associate Clinical Professor Anesthesiology, Associate Professor Neurosurgery, Mount Sinai Hospital, Mount Sinai, New York*

■ Failed Airway in Obstetrics: Avoiding Airway Catastrophes

Maya S. Suresh, MD, *Professor and Chairman, Baylor College of Medicine, Chief of Anesthesiology, Ben Taub General Hospital, Houston, Texas, Past President of SOAP, Past President of SAM*

■ Extubation of the Difficult Airway

Richard M. Cooper, BSc, MSc, MD, FRCPC, *Professor, Department of Anesthesia, University of Toronto; Director, Anesthesia Airway Fellowship, Toronto General Hospital, Toronto, Ontario, Canada; President, SAM*



ASA TRANSFUSION GUIDELINES

Moderator: **Richard T. Connis, PhD**, *Chief Methodologist Committee on Standards and Practice Parameters, American Society of Anesthesiologists, Chicago, Illinois*

Saturday, May 17 – Tuesday, May 20

Problem-Based Learning Discussions (PBLD's)

The IARS Annual Meeting Problem-Based Learning Discussions (PBLD's) are case-based, problem-oriented, discussions focused on subspecialty topics. Participants will engage in a small group didactic case-based learning session interacting with colleagues and a topic expert.

PBLD Session Schedule

Lunch Sessions

Saturday, May 17 ■ 12:00 pm – 1:00 pm

Sunday, May 18 ■ 12:30 pm – 1:30 pm

Monday, May 19 ■ 12:30 pm – 1:30 pm

Breakfast Session

Tuesday, May 20 ■ 7:00 am – 8:00 am

For more information, visit www.iars.org.



Anesthesia & Analgesia Case Reports is the only journal dedicated to patient cases in all areas of anesthesiology. This online-only journal contains patient cases that highlight important teaching points or scientific observations in disciplines related to anesthesiology: perioperative medicine, critical care, and pain management.

Each *A&A Case Reports* Lunch Session provides the opportunity for attendees to examine with the authors two patient cases, published in the Journal, and engage in expert discussion following each presentation.

A&A Case Reports Session Schedule

Saturday, May 17 ■ 12:00 pm – 1:00 pm

Sunday, May 18 ■ 12:30 pm – 1:30 pm

Monday, May 19 ■ 12:30 pm – 1:30 pm

Sunday, May 18 | 1:30 pm – 4:30 pm

Enhanced Surgical Recovery Program: The Role of the Anesthesiologist

Moderator

Enhanced Surgical Recovery Program – The Big Picture

Tong Joo (T.J.) Gan, MD, MHS, FRCA, FFARCS(I)

Duke University Medical Center, Durham, North Carolina

Presenters

Preoperative Assessment and Optimization

Franco Carli, MD, MPhil, *Professor, Department of Anesthesia, The Montréal General Hospital – MUHC, Montréal, Quebec, Canada*

Learner Objectives: After participating in this activity, the learner will be able to: (1) Discuss the contribution of preoperative assessment to the overall ERAS program; (2) Identify the various methods to optimize patients preoperatively; (3) Discuss the impact of patient education; (4) Identify strategies to encourage patient participation in their care; and (5) Implement preoperative improvement process in their respective hospitals.

The Role of Regional Anesthesia in Abdominal Surgeries

Stuart Grant, MB, ChB, *Anesthesiologist, Regional Anesthesia Division, Duke University Medical Center, Durham, North Carolina*

Optimum Pain and Anesthesia Management Strategy

Tong Joo (T.J.) Gan, MD, MHS, FRCA, FFARCS(I), *Vice Chairman, Professor, Anesthesiology, Duke University Medical Center, Durham, North Carolina*

Learner Objectives: After participating in this activity, the learner will be able to: (1) Discuss the issues regarding acute pain management; (2) Discuss the burden of opioid-based therapy; (3) Identify the methods for providing a fast-tracked anesthetic; (4) Identify a multi-modal analgesic regimen; and (5) Impact of optimal pain and anesthetic management on patient outcome.

Perioperative Hemodynamic and Fluid Management

Maxime Cannesson, MD, PhD, *Professor of Anesthesiology, Department of Anesthesiology and Perioperative Care, University of California – Irvine, Irvine, California, Section Editor for Technology Monitoring and Computing, Anesthesia & Analgesia*

Learner Objectives: After participating in this activity, the learner will be able to: (1) Evaluate hemodynamics response to fluid therapy; (2) Identify different techniques for monitoring fluid responsiveness; (3) Recognize the different fluid management strategies; (4) Discuss the choice of fluid therapy; and (5) Discuss the impact of fluid therapy on patient outcomes.

Enhanced Surgical Recovery Program: Clinical and Economic Outcomes

Timothy Miller, MD, *Assistant Professor of Anesthesiology, Anesthesiologist, GVTU Division, Duke University Medical Center, Durham, North Carolina*

Learner Objectives: After participating in this activity, the learner will be able to: (1) Evaluate outcome data following ERAS regimen; (2) Discuss contribution of ERAS components on postoperative outcome; (3) Identify the consequences of patients undergoing ERAS program; (4) Discuss the impact of ERAS program on economics of care; and (5) Identify the impact of ERAS program on care givers.

Regional Ultrasound Guided Anesthesia Workshop Program:

The IARS is proud to offer a comprehensive course of regional anesthesia that covers both electrical nerve localization along with ultrasound guidance: Seeing and stimulating is believing! This course has three components; the basic ultrasound workshop will cover the familiarization with ultrasounds and commonly performed regional anesthesia techniques. The Advanced Workshop will introduce more complex ultrasound-guided blocks in both the extremities and trunk. Finally, the use of ultrasound and catheter technique positioning really will be performed using live animals using ultrastanography and electrical stimulation in dedicated animal lab.

Sunday, May 18

1:30 pm – 4:30 pm

Comprehensive Workshop Part I

Ultrasound, Simulation and Stimulation for Peripheral Nerve Blocks

Workshop Leader: Andrew D. Rosenberg, MD, Chief, Department of Anesthesiology, NYU Hospital for Joint Diseases; Executive Vice Chair, Department of Anesthesiology, Professor of Anesthesiology and Orthopedic Surgery, NYU School of Medicine, New York, New York

During this workshop, emphasis will be placed on learning the basic terminology of ultrasound guided regional anesthesia and how to perform blocks utilizing this technique. The participant will have hands-on experience with simulators for upper extremity blocks, femoral nerve blocks, sciatic, popliteal and TAP blocks utilizing ultrasound simulators and as well as live models for demonstration.

Learner Objectives: After participating in this activity, the learner will: (1) Better recognize how to perform peripheral nerve blocks utilizing ultrasound guided and nerve stimulator techniques; and (2) Better describe how to perform blocks of the upper and lower extremity.

Monday, May 19

8:30 am – 12:30 pm

Comprehensive Workshop Part II

Advanced Ultrasound Guided Nerve Block

Workshop Leader: Vincent W.S. Chan, MD, FRCPC, Professor, Department of Anesthesiology, University of Toronto, Toronto Western Hospital, Toronto, Ontario, Canada

This advanced workshop will focus-on:

- Neuraxial Space and Lumbar Plexus
- Thoracic Paravertebral Space and Parasacral Sciatic Nerve
- Sciatic Nerve (Transgluteal, Subgluteal, Anterior Approaches)
- Abdominal Wall and Trunk – (Ilioinguinal, Iliohypogastric, Obturator and Saphenous Nerves)
- Transversus Abdominis Plane and Rectus Sheath)

Learner Objectives: After participating in this activity, the learner will be able to: (1) Perform ultrasound imaging of small peripheral nerves, sciatic nerve, paravertebral space and neuraxial space; (2) Recognize appropriate clinical indications and alternatives for ultrasound guided blocks in the described regions; (3) Apply appropriate block approaches in the described regions; (4) Explain how ultrasound techniques differ from conventional approaches; and (5) Select appropriate equipment and medication choices and doses.

Seeing and Stimulating is Believing!

Monday, May 19

1:00 pm – 3:00 pm (class-1)

3:00 pm – 5:00 pm (class-2)

Comprehensive Workshop Part III*

In collaboration with McGill University

In Vivo Workshop In Pigs

Workshop Leader: Juan Francisco Asenjo, MD, Associate Professor of Anesthesia and Pain Medicine, Montréal General Hospital, McGill University Health Centre, Montréal, (Quebec) Canada

Featured as the third part of the Regional Ultrasound Guided Anesthesia Workshop Program offered along with the basic and advanced workshops in human models.

This in vivo workshop in pigs at the large animal operating room at the Montreal General Hospital Research Institute, McGill University, will focus on hands-on practice of catheter placement with electrostimulation and ultrasound guidance.

This workshop is limited to a small number of participants to allow for maximum interaction with hands-on.

Learner Objectives: After participating in this activity, the learner will be able to: (1) Identify with ultrasound guidance and nerve stimulation the anatomical structures required block for the following nerves: brachial plexus at different levels, the lumbar plexus, the sciatic nerve at different locations, the intercostal anatomy and nerves, the TAP block, the paravertebral anatomy and structures.

In order to obtain best learning results, it is suggested to take the full Regional Ultrasound Guided Anesthesia Workshop Program.



This 3-Level, 3-Part
Regional Ultrasound Guided Anesthesia
Workshop Program
requires separate registration
and fee payment.

Seating is very limited for
the comprehensive course and
is first-come, first-served.

**Visit www.iars.org
to register.**

*Transportation to Montréal General Hospital Research Institute is included as part of the registration fee.

Monday, May 19 | 7:00 am – 10:00 am

The Perioperative Surgical Home: How Can It Make the Case So Everyone Wins?

Moderator

Thomas R. Vetter, MD, MPH

University of Alabama School of Public Health, Birmingham, Alabama

Presenters

The Specialty of Anesthesiology: The Times They Are Indeed A-Changin'

Thomas R. Miller, MBA, PhD, *Director of Health Policy Research, American Society of Anesthesiologists, Washington, DC*

Learner Objectives: After participating in this activity, the learner should be able to: (1) Establish the case that health care change is inevitable, identify compelling reasons to embrace this change, and develop a strategic framework to address the major uncertainties; (2) Examine how key health care industry trends and U.S. health care reform will impact the business of anesthesiology; and (3) Debate the role of the Perioperative Surgical Home and similar delivery models in strengthening the specialty of anesthesiology.

The Perioperative Surgical Home: Coming to an Operating Theater Near You

Zeev N. Kain, MD, MBA, *Professor and Chair, Anesthesiology, University of California, Irvine, Irvine, California*

Learner Objectives: After participating in this activity, the learner should be able to: (1) Define the full scope and major elements of prototypic comprehensive Perioperative Surgical Home (PSH) models; (2) Critique the principles and benefits of the Enhanced Recovery after Surgery guidelines and Fast Track Surgery, as part of the PSH; (3) Outline the operational aspects of implementing the PSH; and (4) Compare and contrast the perspectives of the anesthesiologist, surgeon, and hospitalist on the perioperative continuum of care.

The New Healthcare Economics: No Outcome, No Income

Mike Schweitzer, MD, MBA, *Vice President, VHA Southeast, Tampa, Florida*

Learner Objectives: After participating in this activity, the learner should be able to: (1) Define the Triple Aim of healthcare and the ability of the Perioperative Surgical Home (PSH) to help achieve it; (2) Assess the PSH as a means to succeed in a more competitive and austere economic environment; and (3) Outline how the PSH can meet increasing consumer and payer emphasis on shared decision-making, patient-centeredness, and patient satisfaction.

The Metrics of Perioperative Surgical Home Success: How to Turn Your Data into Dollars

Richard P. Dutton, MD, MBA, *Executive Director, Anesthesia Quality Institute, Park Ridge, Illinois*

Learner Objectives: After participating in this activity, the learner should be able to: (1) Identify those data elements, readily available to any anesthesia practice, which will demonstrate the economic value of the Perioperative Surgical Home (PSH) model; (2) Develop methods for reporting PSH outcomes that are intuitive and useful; (3) Integrate locally collected PSH measures with national benchmarks for similar cases and patients, as a means of demonstrating the added value of the PSH.

Validating the Perioperative Surgical Home: Okay, Now Show Me the Evidence!

Thomas R. Vetter, MD, MPH, *Maurice S. Albin Professor of Anesthesiology and Vice Chair, Director, Division of Pain Medicine Medical Director, UAB Preoperative Assessment, Consultation and Treatment Clinic*

Professor of Pediatrics, University of Alabama at Birmingham School of Medicine, Professor of Health Care Organization and Policy, University of Alabama at Birmingham School of Public Health, Birmingham, Alabama

Learner Objectives: After participating in this activity, the learner should be able to: (1) Analyze the health services and outcomes research designs applicable to the Perioperative Surgical Home (PSH); (2) Discuss the principles and increasing importance of implementation science vis-à-vis the PSH; (3) Differentiate conventional comparative effectiveness research from patient-centered outcomes research in studying the PSH; (4) Appraise the role of composite outcomes and a clinical proof of concept study with the PSH; and (5) Defend studying a limited or selected component of a comprehensive PSH model.

Monday, May 19 | 1:30 pm – 3:30 pm

Abstract Award Session

Join your colleagues and cheer them on as they present their research, selected as the top scoring abstracts submitted to the IARS 2014 Annual Meeting. A panel of expert judges will award the following top honors:

1:30 pm – 2:30 pm Best of Meeting Awards

- Best abstract presentation in patient-oriented research – \$1,000 award
- Best abstract presentation in basic science research – \$1,000 award
- Best abstract presentation in neuroscience

Sponsored by the Society for Neuroscience in Anesthesiology and Critical Care, the best abstract presentation in neuroscience will win a \$500 award, complimentary one-year membership to SNACC and a complimentary registration to the 2014 SNACC Annual Meeting in New Orleans.



IARS

International Anesthesia Research Society

2:30 pm – 3:30 pm Kosaka Award

The top scoring abstracts submitted by Japanese researchers will compete against the top scoring matching topic abstracts submitted by their international colleagues.

- Best abstract presentation in patient-oriented research – \$1,000 award
- Best abstract presentation in basic science research – \$1,000 award

The Kosaka Award Session is supported by a \$1,000 grant from the Japanese Society for Clinical Anesthesia (JSCA), and a \$1,000 grant from the IARS.



Tabletop Exhibits

The IARS tabletop display area provides a unique opportunity to interact one-on-one in an informal setting with industry representatives. Continue your education and learn about the latest developments in anesthesia research and clinical practice.

Exhibit Tabletop Display Hours

Saturday, May 17 7:00 am – 2:00 pm
 Sunday, May 18 7:00 am – 2:00 pm
 Monday, May 19 7:00 am – 2:00 pm



Exhibitors and Sponsors (as of press time):

- | | |
|--|----------------------------|
| ■ AbbVie | ■ Masimo |
| ■ Arizant Healthcare Inc.,
a 3M Company | ■ Micropore |
| ■ Assurance Biosense, Inc. | ■ Parker Medical |
| ■ Edwards Lifesciences
(Canada) Inc. | ■ Respiratory Motion, Inc. |
| ■ Elsevier | ■ Teleflex |
| ■ Hospira | ■ Wolters Kluwer Health |

General Information

Registration Information

Annual Meeting Registration

Online Registration is now open!

Go to www.iars.org and register today!

Take advantage of early registration rates – when you register online before **FRIDAY, FEBRUARY 28!**

Online registration will close on Friday, May 9. After this date, you will need to register for the meeting onsite in Montréal.

IARS Onsite Registration Hours

Friday, May 16 6:00 am – 5:00 pm

Saturday, May 17 6:00 am – 5:00 pm

Sunday, May 18 6:00 am – 5:00 pm

Monday, May 19 6:00 am – 5:00 pm

Tuesday, May 20 6:30 am – 11:30 am

If you have questions regarding Annual Meeting Registration, please call 415-296-6900, Monday-Friday, 9:00 am – 5:00 pm (Pacific Time).

Annual Meeting Registration Cancellation Policy

Registration cancelled on or before Friday, May 2 will receive a registration refund less \$50 processing charge. Registration, fees will not be refunded if cancelled after Friday, May 2. All Problem-Based Learning Discussions (PBLDs), *A&A Case Reports* Lunch Sessions, and Workshops are limited seating and require a non-refundable fee.

Other Information

Special Services

If you have a special need or require specific accommodations in order to fully participate in the Annual Meeting, please contact the IARS staff at info@iars.org.



No Smoking

Smoking is not permitted at any IARS-sponsored events. We respectfully request that you abide by our smoke-free policy.



Photography Release

The IARS plans to take photographs at the Annual Meeting and reproduce them in IARS news or promotional materials, whether in print, electronic or other media, including the IARS website. By participating in the IARS 2014 Annual Meeting, you grant the IARS the right to use your name, photograph, and biography for such purposes.

IARS 2014 Annual Meeting Mobile App



The IARS 2014 Annual Meeting will feature an interactive mobile app, that will allow you to view the complete event schedule, explore all sessions, and get detailed presenter information.

Keep informed of the most popular sessions and events by accessing the app's Activity Feed, which highlights useful comments, photos, ratings and more.

Receive announcements and obtain the most up-to-date event information.

Expand your professional network and make the most of your Annual Meeting experience!

The mobile app is available for iPhone, iPad, Android, and HTML5 for Blackberry.

Hotel Information

Headquarters Hotel

Fairmont The Queen Elizabeth Hotel
900 Rene Levesque Blvd. W
Montréal, Québec, Canada

Fairmont The Queen Elizabeth Hotel is celebrated internationally for its world-class accommodations.

All Annual Meeting and International Science Symposium education sessions and tabletop exhibits will be conveniently located at the Fairmont The Queen Elizabeth Hotel.

At the center of Montréal's vibrant cultural and commercial district sits the city's grandest and most gracious hotel – Fairmont The Queen Elizabeth Hotel. Recently recognized for its sustainability programs, the hotel reflects the distinct elegance and charm of Montréal and offers direct access to the train station and the extensive underground city of thousands of boutiques, restaurants and cafés.

Hotel Reservations

The IARS has secured a limited number of rooms for our meeting attendees at the special conference rate of \$215 (CDN plus tax) for single/double occupancy.

Use one of the following easy steps to book your room!

Be sure to mention the International Anesthesia Research Society (IARS) special code **IARS0514_001** to obtain the meeting's group rate.



Call directly at: 514-861-3511

Call toll-free at: 1-800-441-1414



Go online to reserve at www.iars.org and select the hotel information tab on the left side.

CALL FOR PAPERS

A&A CASE REPORTS

Lawrence J. Saidman, MD
Editor-in-Chief

Nancy A. Nussmeier, MD
Associate Editor-in-Chief

All submissions must conform to our Author Guidelines at edmgr.ovid.com/aa/accounts/ifauth.htm

Please submit your manuscript online at editorialmanager.com/aa/

For more information, contact editor@anesthesia-analgesia.org
415-777-2750

- *A&A Case Reports* is a new online journal dedicated to publishing **important clinical cases** related to anesthesiology, including perioperative medicine, critical care and pain management. As the clinical companion to the renowned peer-reviewed journal *Anesthesia & Analgesia*, *A&A Case Reports* is the specialty's **only journal** that publishes exclusively case reports.
- *A&A Case Reports* is interested in receiving submissions that make an **important teaching point** or **scientific observation** within the anesthesiology specialty or related fields. We are particularly interested in papers from **young investigators** who are beginning their careers and want to start their publishing records with a submission to our journal.



IARS

International Anesthesia Research Society

IARS 2014 Annual Meeting and International Science Symposium

Saturday, May 17 –Tuesday, May 20

More Learning Opportunities than Ever!

Featured Sessions Include ...

- Evidence-Based Decision-Making, Health Technology Assessment, & Knowledge Translation for Anesthesia and Perioperative Medicine (EBDM, HTA & KT)
- Enhanced Surgical Recovery Program: The Role of the Anesthesiologist
- The Perioperative Surgical Home: How Can It Make the Case so Everyone Wins?
- New for 2014! A&A Case Reports Lunch Sessions
- International Science Symposium: *Inflammation and its Perioperative Implications*



T.H. Seldon Memorial Lecture

Saturday, May 17 • 8:30 – 9:30 am

*Global Challenges in Anesthesia:
Are We Doing Enough?*

Angela Enright, OC, MB, FRCPC

Fairmont The Queen Elizabeth Hotel
Montréal, Canada

Updates to the Program will be posted at: www.iars.org/congress.