

## WELCOME TO ALIGNED MEETING DAY!

Every IARS, AUA and SOCCA attendee is welcome at every session today. If a session is a ticketed event, please visit the Registration Desk to find out if space is still available.

**6:45 am – 7:45 am** *Parc Mont-Royal*

### Continental Breakfast

Come meet your fellow anesthesiologists over a cup of coffee – you never know who you'll run into!

**6:45 am – 7:45 am** *Rue Crescent*

### Planning for Retirement Continental Breakfast

It's never too early (or late) to start planning for retirement. Come talk to others about steps you can take to make sure you're ready!

*Ticketed event; visit the Registration Desk for details.*

**6:45 am – 7:45 am** *Square Victoria*

### IARS First-Time Attendee Continental Breakfast

If you've never been to the IARS Annual Meeting (or you just want a few pointers) here's your chance to learn from the experts how to get the most from your Annual Meeting experience.

*Ticketed event; visit the Registration Desk for details.*

**8:00 am – 9:30 am**

*Agora / Centre-Ville*

## OPENING SESSION AND T.H. SELDON MEMORIAL LECTURE

### The Global Anesthesia and Surgical Crisis: What Can We Do?

#### Welcome Comments

*Colleen Koch, MD, MS, MBA, FACC, The Johns Hopkins University School of Medicine, IARS Board of Trustees Chair*

#### Introduction

*Davy Cheng, MD, MSc, FRCPS, FCAHS, CCPE, IARS Board of Trustees; World Federation of Societies of Anaesthesiologists Chair, Scientific Affairs Committee*

#### The Global Anesthesia and Surgical Crisis: What Can We Do?

*Jannicke Mellin-Olsen, MD, DPH, Baerum Hospital; President-Elect, World Federation of Societies of Anaesthesiologists*



**8:00 am – 5:00 pm**

*Place du Canada / Square Dorchester*

### IARS Poster Session D: Open Viewing

*For session details, see the IARS Posters tab.*

**9:30 am – 10:00 am**

Break

**10:00 am – 10:45 am**

*Av. Van-Horne*

### Review Course Lecture

#### The ASRA Regional and Pain Anticoagulation Guidelines

*Host: Aryeh Shander, MD, FCCM, FCCP, FASA, Englewood Hospital and Medical Center*

*Speaker: Honorio Benzon, MD, Northwestern University Feinberg School of Medicine*

10:00 am – 11:00 am

Vortex

Problem-Based Learning Discussion  
**Multiple Challenges during Trans-Catheter Pulmonary Valve Implantation for Severe Stenosis and Regurgitation of an RV to PA Conduit**

Sheela Pai Cole, MD, Stanford University School of Medicine & Mounir Banoub, MD, MBA, CPE, FAAPL, FASA, Augusta University Medical Center  
Ticketed event; visit the Registration Desk for details.

10:00 am – 11:00 am

Ping

Problem-Based Learning Discussion  
**Let Me Outta Here! Can There Be AMA Discharge from PACU?**

Linda Liu, MD, University of California, San Francisco School of Medicine & Karl Poterack, MD, Mayo Clinic  
Ticketed event; visit the Registration Desk for details.

10:00 am – 11:30 am

Av. Laurier

Panel

**Nudging Physicians to Change Behavior: The Theory, Conduct, and Critical Assessment of Nudge-Type Interventions**

Moderated by Craig S. Jabaley, MD, Emory University Hospital

**Behavioral Change in Perioperative Quality Improvement: Lessons from the Business World**

Grant Lynde, MD, MBA, Emory University Hospital

**Applications of Nudge Theory in the Anesthesiology and Perioperative Domains**

Craig S. Jabaley, MD, Emory University School of Medicine

**Implementation and Assessment of Nudge-Type and Other Quality Improvement Interventions**

Vikas N. O'Reilly-Shah, MD, PhD, Emory University School of Medicine

10:00 am – 11:30 am

Av. Duluth

Panel

**Information Technology, Decision Support, Machine Learning, and Artificial Intelligence: How They Will Transform the Practice of Anesthesiology**

Moderated by Ronald Pearl, MD, PhD, Stanford University School of Medicine

**Use of Information Technology and Decision Support in Anesthesiology**

Warren S. Sandberg, MD, PhD, Vanderbilt University School of Medicine

**Closed-Loop Anesthesia Administration**

Thomas Hemmerling, MD, MSc, DEAA, McGill University

**Machine Learning for Improving Management of Acute and Chronic Pain**

Timothy T. Houle, PhD, Massachusetts General Hospital

**The Future of Artificial Intelligence and Its Impact on Anesthesiology**

Steven L. Shafer, MD, Stanford University School of Medicine

10:00 am – 12:00 pm

Agora / Centre-Ville



AUA Symposium

**Anesthesia and Consciousness: How Investigations of the Anesthetized State Shape Current Concepts of Consciousness**

Moderated by Ines P. Koerner, MD, PhD, Oregon Health & Science University, AUA Education Chair

**The Controversial Correlates of Consciousness**

George A. Mashour, MD, PhD, University of Michigan Medicine

**Consciousness, Sensory Disconnection and Anesthesia**

Robert Sanders, MBBS, PhD, FRCA, University of Wisconsin School of Medicine and Public Health

**Subcortical Arousal Systems and Emergence from General Anesthesia**

Ken Solt, MD, Harvard Medical School; Massachusetts General Hospital

**Using Anesthesia to Probe Disorders of Consciousness**

Stefanie Blain-Moraes, PhD, McGill University

**Perioperative FiO<sub>2</sub> on Postoperative Morbidity and Wound Infection**

Janet Martin, MSc (HTA&M), PharmD, Western University; MEDICI Centre

**Global Perspective on Task-Sharing in Anesthesia**

Jannicke Mellin-Olsen, MD, DPH, Baerum Hospital

11:30 am – 1:00 pm

Av. Laurier

Panel

**Physician Wellness in Hospital Medicine: Thriving, Not Simply Surviving**

Moderated by Santhanam Suresh, MD, Ann & Robert H. Lurie Children's Hospital of Chicago

**Physician Wellness in Hospital Medicine: Thriving, Not Simply Surviving**

Santhanam Suresh, MD, Ann & Robert H. Lurie Children's Hospital of Chicago

**Creating a Culture of Wellness**

To be announced

**Improving Practice Efficiency**

Jeffery S. Vender, MD, The University of Chicago Medicine

**Becoming a More Resilient Physician**

Gregory B. Hammer, MD, Stanford University School of Medicine

11:30 pm – 1:00 pm

Av. Van-Horne



SOCCA Panel

**Towards Precision Medicine Intensive Care Unit**

Moderated by Robert D. Stevens, MD, FCCM, Johns Hopkins University School Of Medicine

**Clinical Informatics for Predictive and Prognostic Modeling in the ICU**

Vitaly Herasevich, MD, PhD, Mayo Clinic

**Omics Applications in Neurotrauma Research: From Pathobiology to Treatment**

Alan I. Faden, MD, University of Maryland School of Medicine

**Machine Learning in Intensive Care Medicine**

Robert D. Stevens, MD, FCCM, Johns Hopkins School of Medicine

**The NIH All of Us Precision Health Initiative**

Sachin Kheterpal, MD, MBA, University of Michigan Medicine

11:30 pm – 1:00 pm

Av. Duluth



WFSA and IARS Panel

**Controversies in Global Health**

Moderated by Davy Cheng, MD, MSc, FRCPS, FCAHS, CCPE; WFSA Chair, Scientific Affairs Committee; IARS Board of Trustees

**Surgical Safety Checklist: Impact on Postoperative Outcomes**

Janet Martin, MSc (HTA&M), PharmD, Western University; MEDICI Centre

12:15 pm – 1:00 pm

Agora / Centre-Ville

Review Course Lecture

**The Development, Use, and Limitations of Standards, Guidelines and Best Practices**

Host: Roman Schumann, MD, Tufts Medical Center

Speaker: Karl Poterack, MD, Mayo Clinic College of Medicine and Science

**12:00 pm – 1:00 pm**

Vortex

**Problem-Based Learning Discussion  
Tonsillectomy in Obese Children with Down  
Syndrome: Not Just Another T&A!**

Kumar G. Belani, MBBS, MS,  
University of Minnesota; Wilson T. Chimbara,  
MD, FRCA, University of Michigan Medicine &  
Olubukola O. Nafiu, MD, FRCA, MS, University of  
Michigan Medicine  
Ticketed event; visit the Registration Desk for  
details.

**12:00 pm – 1:00 pm**

Ping

**Problem-Based Learning Discussion  
Random Drug Testing in Anesthesia:  
Prevention and Protection or Invasive and  
Generation of a Slippery Slope?**

Keith Baker, MD, PhD, Massachusetts General  
Hospital; Richard C. Prielipp, MD, University of  
Minnesota & Mark Rice, MD, Vanderbilt University  
School of Medicine  
Ticketed event; visit the Registration Desk for  
details.

**1:00 pm – 2:30 pm**

Place du Canada / Square Dorchester

**IARS Poster Session D**

For session details, see the IARS Posters tab.

**1:30 pm – 2:30 pm**

**Lunch On Your Own**

Check out the Marché Artisans for a quick bite, or  
any of the many restaurants located in the hotel.

**2:30 pm – 3:15 pm**

Av. Van-Horne

**Review Course Lecture  
Pain Outcomes, Patient Registries and  
Learning Health Systems: Delivery of Best  
Pain Care at Lower Cost**

Host: Danielle Ludwin, MD, Columbia University  
Medical Center  
Speaker: Sean Mackey, MD, PhD, Stanford  
University School of Medicine

**2:30 pm – 3:30 pm**

Vortex



**SNACC Problem-Based Learning Discussion  
Anesthesia for Stroke: Challenges and  
Opportunities**

Lauren Berkow, MD, University of  
Florida College of Medicine &  
Shobana Rajan, MD, Cleveland Clinic  
Ticketed event; visit the Registration Desk for  
details.

**2:30 pm – 4:00 pm**

Av. Laurier



**ISPCOP Panel  
Fables, Facts and Best Practice Updates: The  
Patient with Obesity**

Moderated by Roman Schumann, MD, Tufts  
University School of Medicine

**NPO Assessment in the Obese Patient:  
When Ultrasound Can Help and How to  
Do It: Any Evidence?**

Peter B.C. Van de Putte, MD, AZ Monica  
Campus Deurne

**Non-Invasive Hemodynamic Monitoring  
in Obese Patients: A Challenge, and What  
Do We Know?**

Roman Schumann, MD, Tufts Medical  
Center

**Antibiotics, Heparins and Vasopressors:  
Evidence-Based Optimized Dosing  
Guidance**

Luc De Baerdemaeker, MD, PhD, Ghent  
University Hospital; UZ Gent Hospital

**Intubation and Extubation for the Obese  
Patient: Myths and Safe Approaches**

Tiffany Moon, MD, University of Texas  
Southwestern

2:30 pm – 4:00 pm *Agora / Centre-Ville*



**SOAP Panel**  
**Attaining the Opioid-Free Cesarean Delivery**  
Moderated by *Brendan Carvalho, MBBCh, FRCA, Stanford University School of Medicine*

**Opioid Use after Cesarean Delivery**  
*Brendan Carvalho, MBBCh, FRCA, Stanford University School of Medicine*

**In-Hospital Opioid-Sparing Multimodal Analgesic Techniques**  
*Pervez Sultan, MD, MB, ChB, FRCA, University College London Hospital*

**Changing Opioid Prescription Patterns after Cesarean Delivery**  
*Brian Bateman, MD, MSc, Brigham and Women's Hospital*

2:30 pm – 4:00 pm *Av. Duluth*



**SAMBA Innovative Session**  
**Wait, You Can't Do That: Or Can You? Controversies in Ambulatory Anesthesia**  
Moderated by *Niraja Rajan, MD, Penn State Milton S. Hershey Medical Center*  
*Girish P. Joshi, MB BS, MD, FFARCSI, University of Texas Southwestern Medical Center*  
*Richard D. Urman, MD, MBA, CPE, FASA, Brigham and Women's Hospital; Harvard Medical School*

2:30 pm – 5:30 pm *Rue Saint-Denis*

**Workshop**  
**Reflections on the Balancing Act Between Work and Life**  
*Guelay Bilen-Rosas, MD, University of Wisconsin School of Medicine and Public Health; James Fehr, MD, Washington University School of Medicine; Norah R. Janosy, MD, University of Colorado Denver School of Medicine; Kathrine Keech, MD, University of Iowa; Martha Wynn, MD, University of Wisconsin School of Medicine and Public Health & Myron Yaster, MD, University of Colorado Denver School of Medicine*  
Ticketed event; visit the Registration Desk for details.

4:00 pm – 4:30 pm

Break

4:30 pm – 5:15 pm *Av. Van-Horne*



**SOCCA Review Course Lecture**  
**Reducing Variation in Red Blood Cell Transfusions: Are We Making Progress?**  
*Host: Angus Christie, MD, Spectrum Healthcare Partners*  
*Speaker: Stephen D. Surgenor, MD, Dartmouth Hitchcock Health*

4:30 pm – 5:30 pm *Vortex*

**Problem-Based Learning Discussion**  
**Perioperative Pain Management in Patients on Buprenorphine**  
*Daniel Burkhardt, MD, University of California, San Francisco School of Medicine; Sakura Kinjo, MD, University of California, San Francisco School of Medicine & Ruth Landau, MD, Columbia University Medical Center*  
Ticketed event; visit the Registration Desk for details.

4:30 pm – 6:00 pm *Av. Laurier*



**eSAS Panel**  
**Getting Beyond the Anesthesiology Department: Broad Impact through Broad Thinking**  
Moderated by *Michael R. Mathis, MD, University of Michigan Medicine*

**Collaboration with Surgeons: Opportunities for Perioperative Data to Enhance Surgical Registries**  
*Michael R. Mathis, MD, University of Michigan Medicine*

**Collaboration with Primary Care:  
Opportunities to Improve Long-Term  
Cardiovascular Disease Risk**

*Robert B. Schonberger, MD, MHS, Yale School  
of Medicine*

**Collaboration with Pharmacists:  
Opportunities to Refine Medication  
Selection, Dosing and Delivery**

*Shamsuddin Akhtar, MD, MBBS, Yale University  
School of Medicine*

**4:30 pm – 6:30 pm**

*Agora / Centre-Ville*

**INTERNATIONAL SCIENCE SYMPOSIUM**

**Dementia: Let's Stop Losing Our Minds**

*Moderated by Christian P. Werner, MD, Medical Center of Johannes  
Gutenberg- Universität, IARS Board of Trustees*

**Dementia Update: What's New in the Field**

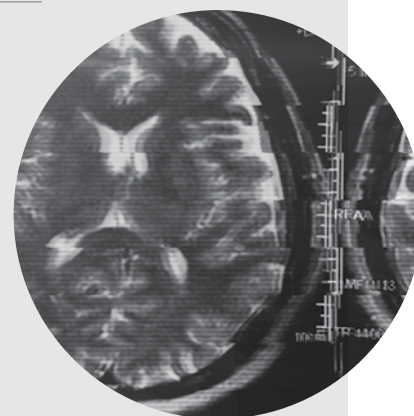
*Sandra E. Black, OC, OOnt, MD, FRCP(C), FRSC, FAAN, FAHA,  
University of Toronto*

**Critical Illness: What Matters is the Mind**

*E. Wes Ely, MD, PhD, Vanderbilt University School of Medicine*

**Mechanisms of Mind Loss: The Clock is Ticking**

*Erik S. Musiek, MD, PhD, Washington University School of Medicine*



**4:30 pm – 6:30 pm**

*Av. Duluth*

**Innovative Session**

**A Walking History of Medicine in Montreal:  
Osler, Penfield and Bethune**

*Michael Aaron Chyfetz, MD, MSc, Montefiore  
Medical Center; Albert Einstein College of  
Medicine & Daniel Chartrand, MD, PhD, FRCPC,  
Montreal Neurological Hospital  
Ticketed event; visit the Registration Desk for  
details.*

**5:30 pm – 6:15 pm**

*Av. Van-Horne*



**SOCCA Review Course Lecture**

**What Is the Magic Number? Blood Pressure  
Thresholds in the Operating Room, ICU and  
Beyond**

*Host: Peter Von Homeyer, MD, FASE, University of  
Washington Medicine*

*Speaker: Ashish K. Khanna, MD, FCCP, FCCM,  
Wake Forest University School of Medicine*

**6:30 pm – 8:00 pm**

*Place du Canada/ Square Dorchester*

**Alignment Reception**

Join us in the Exhibit Hall to raise a glass with friends  
you know — and the ones you haven't met yet!