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.

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  
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

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. Duluth

WFSA and IARS Panel  
Controversies in Global Health  
Moderated by Davy Cheng, MD, MSc, FRCP, 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

Perioperative FiO2 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 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

1:00 pm – 2:00 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. Chimbira, 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 Baerdemaecker, 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, MBBS, FRCA, Stanford University School of Medicine

- **Opioid Use after Cesarean Delivery**
  Brendan Carvalho, MBBS, 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

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

**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

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**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.

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**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

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**Alignment Reception**

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