



Preliminary Program

Contents

Friday, May 1, 20267

 T.H. Seldon Memorial Lecture.....7

 PBLD7

 Bridging the Heart: Anesthetic Management of a Postpartum Patient with LVAD Undergoing Bariatric Surgery for Transplant Candidacy..7

 Coffee Break.....7

 Meet the Experts of Anesthesia and Analgesia.....7

 Workshops7

 Brain Death Determination Simulation Workshop- *Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)*.....8

 Developing Anesthesiology and Perioperative Practice Guidelines for Alzheimer's Disease and Related Neurodegenerative Disorders; *Co-Sponsored by The International Society to Advance Alzheimer's Research & Treatment (ISAART)*.....8

 PBLD8

 Tightrope at the Airway: Managing Severe PH and Esophageal Obstruction Under Pressure' Emergent Airway Management in Severe Pulmonary Hypertension with Massive Esophageal Obstruction: Navigating Right Heart Protection and Aspiration Risk8

 Concurrent Sessions.....8

 From Data to Decisions: How Data Science and AI Are Influencing Pediatric Perioperative Care, *Co-sponsored by The Society for Technology in Anesthesia (STA)*9

 Intraoperative Pain During Cesarean Delivery: An Evidence-Based Review of Knowns and Unknowns.....9

 Opioid Misuse Risk Stratification: Role for Assessment of Subjective Responses to Opioids (e.g., Euphoria, Nausea)10

 Shock Management 2026: Evolving Paradigms and Innovation in Cardiovascular Support and Recovery10

 Poster Session A10

 Mini-Oral Presentations A11

 PBLD11

 2024 ACC/AHA Guidelines Perioperative Care for Non-cardiac Surgery: Practical Approach- *Co-Sponsored by Society for Advancement of Geriatric Anesthesia (SAGA)*12

 Concurrent Sessions.....12

 Shared Decision-Making in Perioperative Care: Value-Based, Patient-Centered Outcomes12

 Cognitive Fatigue and Clinician Collapse: Is There a Biomarker Before the Mistake?.....13

 Clearing the Fog: Emerging Strategies to Improve Post-Anesthetic Cognitive Recovery – *Co-Sponsored by Early-Stage Anesthesiology Scholars (eSAS)*.....13

 The Physiologically Difficult Airway: Turning New Evidence into Widespread Practice- *Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)*14

Northwestern University Feinberg School of Medicine, Chicago, IL.....14

 PBLD14

 The Silent Keto Storm: Unmasking Euglycemic DKA During Surgery Intraoperative Diagnosis and Management of Euglycemic Diabetic Ketoacidosis Associated with SGLT2 Inhibitors: A Hidden Threat in the Perioperative Period14

 Workshop14

 - Session #115



Preliminary Program

SOCCA ECMO Bootcamp: From Percutaneous Cannulation to Crisis Management - A Practical ECMO Simulation Experience- - Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i>	15
Lunch Symposium: IARS Journals and Wolters Kluwer	15
PBLD	15
Septic Cardiomyopathy and Refractory Shock Requiring VA-ECMO in a Young Woman with Endometriosis-Associated Ascites	15
Coffee Break.....	15
Meet the Experts of Anesthesia and Analgesia.....	15
Workshop.....	15
How to Be a Great A&A Peer Reviewer (IARS with SOCCA).....	15
<i>Workshop Facilitators: Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK; Lee Goeddel, MD, MPH, Johns Hopkins School of Medicine, Baltimore, MD; Ashraf Habib, MB BCH, MHSc, FRCA, Duke University Medical Center, Durham, NC; Adam Milam, MD, PhD, Mayo Clinic, Phoenix, AZ; Avery Tung, MD, University of Chicago, Chicago, IL; David Hao, MD, Massachusetts General Hospital, Boston, MA; Daniel Saddawi-Konefka, Ashish Khanna, and Jean Charchaflied</i>	15
Poster Session B	15
Mini-Oral Presentations B.....	16
<i>Svetlana Chembrovich, MD</i>	16
PBLD	16
No Room to Breathe: Airway Emergencies in the ED and Beyond	17
Concurrent Sessions.....	17
Best Solutions to Challenging Cases--Evidence-Based Approaches in Regional Anesthesia and Pain Medicine.....	17
Hemostatic Precision: Current Evidence and Trends in Factor Concentrate Use for Cardiac and Non-Cardiac Surgeries.....	18
Brain on the Brink: Perioperative Strategies for Ischemic Stroke, TBI & SAH – <i>Co-Sponsored by The Society for Neuroscience in Anesthesiology and Critical Care (SNACC)</i>	18
Critical Care Outside the ICU: The Expanding Role of Anesthesiologists in Hospital-Wide Resuscitation.....	19
Workshop.....	19
- Session #2	19
SOCCA ECMO Bootcamp: From Percutaneous Cannulation to Crisis Management - A Practical ECMO Simulation Experience- Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i>	19
PBLD	19
To Wax and Wane: The Ups and Downs of Diagnosing and Managing Delirium in the Critically Ill Patient	20
Workshops	20
A&A Journal Club: How to Read and to Apply Various Types of Papers.....	20
Concurrent Sessions.....	20
Making Sense of Stories: A Clinician's Introduction to Qualitative Research	20
What Can a Large High-Fidelity Simulation Study of Acute Care Management Tell Us About Anesthesiologists and Their Practice	21
EEG-based Anesthesia Monitoring Across the Lifespan: From the Very Young to the Old and Sick	21
Code Blue: Evidence-Based Practice or Medical Ritual?.....	22
<i>University of Southern California, Los Angeles, CA</i>	22
PBLDs.....	22



Preliminary Program

Perioperative Management of Patients with Coronary Stents.....	22
Plenary Session - International Science Symposium - Algorithms to Clinical Innovations: Harnessing Artificial Intelligence to Transform Anesthesia and Perioperative Medicine”	23
Concurrent Session	23
Demystifying APRV: Historical Roots, Modern Advancements, and Strategies for Optimal ICU Outcomes	23
Critical Care at the End of Life: When is Enough Too Much?	24
PBLDs.....	24
Allergens Among Us: Insight On Managing Some of The Common and Uncommon Allergies in The Perioperative Period.....	24
Women’s Reception.....	24
Scholars’ Reception.....	24
Saturday, May 2, 2026.....	24
Plenary Session: President’s Lecture.....	24
PBLDs.....	25
Hip Fracture Repair in the Elderly Anticoagulated Patient, What Are the Appropriate Blocks?	25
Coffee Break.....	25
Meet the Experts of Anesthesia and Analgesia.....	25
Exhibits Open	25
PBLDs.....	25
Perioperative Glycemic Control in Cardiac Surgical Patients.....	25
Concurrent Sessions.....	25
Does Preoperative Risk Prediction Improve Perioperative Outcome? An Update	25
From Preop to Postop: Transforming Perioperative Care Through Virtual Innovation	26
Less Opioid, More Recovery? Debating the Future of Surgical Pain Management	26
Emerging Inhaled Gas Therapies in Critical Illness- Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i>	26
Scholars’ Day Session	27
Directors Cut: Trials and Tribulations of Your First Trial	27
Workshops	27
Advanced Regional Anesthesia Ultrasound Techniques: Blocks you can use in your practice tomorrow!	27
Scholars’ Day Program	27
Poster Session C	28
Mini-Oral Presentations C.....	28
PBLD	29
High-MELD Cirrhotic Patient Meets the OR: Navigating Incarcerated Inguinal Hernia Repair with Evidence-Based Peri-operative Strategies- Co-Sponsored by <i>International Liver Transplant Society (ILTS)</i> and <i>Society for the Advancement of Transplant Anesthesia (SATA)</i>	29
Concurrent Sessions.....	29
Challenges in Pediatric Anesthesia - Co-sponsored by <i>World Federation of Societies of Anesthesiologists (WFSA)</i>	29
Ethical Dilemmas of Advanced Invasive Therapies in the ICU: ECMO and Organ Support for Transplant.....	29



Preliminary Program

Mandating Video Laryngoscopy: A Debate on Safety, Skills, and Standards- <i>Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</i>	30
Brain Death Determination in Complex Clinical Situations – <i>Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</i>	30
Scholars’ Day Session	30
The Resilience Playbook: Turning Adversity into Academic Momentum	31
PBLD	31
Perioperative Anesthetic Dosing in the Elderly: Balancing Cardiovascular and the CNS Systems- <i>Co-Sponsored by The Society for Advancement of Geriatric Anesthesia (SAGA)</i>	31
Scholars’ Day Session & Lunch	31
Rapid Fire Panel IARS Scholars Day 2026 (Montreal):	31
Lunch Symposium: A Discussion with IARS Emeritus Leaders on the Future of Anesthesiology Research	32
PBLD	32
My patient's glucose is 420 mg/dL, temperature is 38.1 C, and potassium is 2.9 mEq/dL: Just another day in the HIPEC room!	32
Workshop.....	32
POCUS in Trauma: EASy-FAST Framework for Ultrasound-Guided Resuscitation- <i>Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</i>	32
Faculty	32
eSAS Business Meeting	33
Coffee Break.....	33
Meet the Experts of Anesthesia and Analgesia.....	33
Poster Session D	33
Mini-Oral Presentations D	33
PBLD	34
Airway Pressure Release Ventilation: Conventional Use of an Unconventional Ventilator Mode	34
Concurrent Sessions.....	34
A&A Practice Medically Challenging Cases	34
Hazardous Attitudes in Anesthesiology: Data and Insights from Medical Simulation, Behavioral Economics, and Aviation Safety.....	35
A to Z of Adipose Based Chronic Disease: Perioperative Care of the patient suffering from Obesity – <i>Co-Sponsored by The International Society for The Perioperative Care of the Patients with Obesity (ISPCOP)</i>	35
Beyond the Basics: Managing High-Risk and ICU-Level Obstetric Emergencies- <i>Co-Sponsored by The Society for Obstetric Anesthesia and Perinatology (SOAP) and The Society of Critical Care Anesthesiologists (SOCCA)</i>	36
Clinical Trials Networks Session	36
PBLD	36
End of Life Discussions in the Perioperative Period.....	36
Concurrent Sessions.....	37
Stopping Pain Before It Starts: Translating Pain Science into Transitional Pain Services	37
Perioperative Drug Choices, What’s New?	37
Clinical Trials Roundtable Breakout Session.....	38
PBLD	38



Preliminary Program

Is This Graft Dying? Intraoperative Diagnosis and Rescue Strategies for Early Allograft Dysfunction	38
Alan G. Sieroty APSF/SOCCA Invited Lecture in Patient Safety: Creating Systemic Protections Against Invisible Threats to Perioperative Patient Safety	38
SOCCA Business Meeting	38
<i>Daniel Mclsaac, MD</i>	38
<i>University of Ottawa, Ottawa, ON, Canada</i>	38
PBLD	39
Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies	39
Gala Reception	39
Sunday, May 3, 2026	39
Plenary Session: Kosaka Best Abstracts	39
Moderators: <i>Daniel Mclsaac, MD, University of Ottawa, Ottawa, ON, Canada,</i>	39
Workshops	40
Is Extended Reality the Future of Simulation-Based Medical Education in Anesthesia?	40
PBLD	41
Crisis on Circuit: Emergency Surgery and Multisystem Failure in the ECMO Patient	41
Coffee Break	41
PBLD	41
We Have a Patient with Cardiac Disease in Caseroom, What Do We Do Now? A Practical Approach to Labor and Cesarean Delivery Anesthetic Management in Patients with Cardiac Disease	41
Workshops	41
The Safe Brain Initiative's EEG Bootcamp	41
Exhibits Open	41
Concurrent Sessions	41
Subspecialty Training in Anesthesia: A Stress Test and an Opportunity for Reconditioning – <i>Co-Sponsored by The Society of Academic Associations of Anesthesiology and Perioperative Medicine (SAAAPM)</i>	42
Transitions in Consciousness: Current Insights from the Anesthetized State – <i>Co-Sponsored by The Society for Neuroscience in Anesthesiology and Critical Care (SNACC)</i>	42
How to have an Average (mediocre) Career in Academic Anesthesiology	42
At the Crossroads: Reimagining Critical Care Billing and Identity in Anesthesiology- <i>Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</i>	43
Workshops	43
Writing Your Manuscript for A&A: What Do Our Editors Expect?	43
Poster Session E	43
Mini-Oral Presentations E	43
PBLD	44
Heartbeats & High Stakes: Understanding Pediatric Pulmonary Hypertension	44
Concurrent Sessions	44
Point and Counterpoint: The Brain in Balance: Can Anesthetic Dose Influence Delirium Risk?	45



Preliminary Program

Sequencing-Based Technologies for Precision Anaesthesia Care45

Attracting Young Talent: Modern Tools for Recruiting Innovators.....45

Regional Analgesia in the Intensive Care Unit: Undervalued Asset or Overrated?46

PBLD46

 Parkinson's in the OR: Freezing, Falling, and Facing the Unexpected46

Coffee Break.....46

A&A Closing Plenary: Academic & Scientific Integrity: Threats & Challenges to Research.....46

PBLD47

 Bloody Complicated: Navigating ECMO in Adults with Congenital Heart Disease47



Preliminary Program

Friday, May 1, 2026

Start Time	End Time	Session
7:00 am	8:30 am	<p>T.H. Seldon Memorial Lecture</p> <p>Welcome from: <i>Oluwaseun Johnson-Akeju, MD, Massachusetts General Hospital, Boston, MA</i></p> <p>Volunteer of the year award presented: <i>Vivianne Tawfik, MD, PhD, Stanford University, Stanford, CA</i></p> <p>Speaker Introduction and Moderator: <i>Vivianne Tawfik, MD, PhD, Stanford University, Stanford, CA</i></p> <p>From Evidence to Action: Overcoming Challenges in Clinical Practice Change <i>Dr. Sharon E. Straus, CM, MD, MSc, FRCPC, University of Toronto, ON, Canada</i></p>
7:45 am	8:45 am	<p>PBLD</p> <p>Bridging the Heart: Anesthetic Management of a Postpartum Patient with LVAD Undergoing Bariatric Surgery for Transplant Candidacy</p> <p><i>Ioannis Angelidis, MD, MSPH, University of Pittsburgh Medical Center, Pittsburgh, PA</i></p>
8:30 am	9:00 am	<p>Coffee Break</p>
8:30 am	9:00 am	<p>Meet the Experts of Anesthesia and Analgesia</p> <p><i>Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK and David Hao, MD, Massachusetts General Hospital, Boston, MA</i></p>
8:30 am	10:30 am	<p>Workshops</p>



Preliminary Program

		<p>Brain Death Determination Simulation Workshop- Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</p> <p>Facilitators: <i>Kathryn Rosenblatt, MD, MHS, Johns Hopkins University School of Medicine, Baltimore, MD; Justin Daniels, MD, The University of Kansas Medical Center, Kansas City, KS; Jonathan Gomez, MD, MS, Johns Hopkins University School of Medicine, Baltimore, MD; Jasdeep Dhaliwal, MD, University of Kentucky College of Medicine, Lexington, KY;; Krassimir Denchev, MD, Wayne State University, Detroit, MI; Emily Wasson, MD, MPH, University of Alabama Birmingham, Birmingham, AL; Adam Schiavi, MD, PhD, Johns Hopkins Hospital, Baltimore, MD and Christina Miller, MD, Johns Hopkins Hospital, Baltimore, MD</i></p>
8:30 am	11:30 am	<p>Developing Anesthesiology and Perioperative Practice Guidelines for Alzheimer's Disease and Related Neurodegenerative Disorders; Co- Sponsored by The International Society to Advance Alzheimer's Research & Treatment (ISAART)</p> <p>Moderator: <i>Catherine Price, PhD, University of Florida, Gainesville, FL</i></p> <p>Facilitators: <i>Benjamin A. Chapin, MD, University of Florida, Gainesville, FL; Haroon Burhanullah, MD, Johns Hopkins University, Baltimore, MD; Madison T. Gray, MD, PhD, FRCPC, Centre Hospitalier de l'Université de Montréal, Montreal, Canada; Miles Berger, MD, PhD, Stanford University, Stanford, CA; Franchesca Arias, PhD, University of Florida, Gainesville, FL; Cynthia Garvan, PhD, University of Florida, Gainesville, FL</i></p>
9:00 am	10:00 am	<p>PBLD</p>
		<p>Tightrope at the Airway: Managing Severe PH and Esophageal Obstruction Under Pressure' Emergent Airway Management in Severe Pulmonary Hypertension with Massive Esophageal Obstruction: Navigating Right Heart Protection and Aspiration Risk</p> <p><i>Alex S. Doyal, MD, MPH, FASA, University of North Carolina at Chapel Hill, Chapel Hill, NC and Ezekiel Egan, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC</i></p>
9:00 am	10:00 am	<p>Concurrent Sessions</p>



Preliminary Program

	<p>From Data to Decisions: How Data Science and AI Are Influencing Pediatric Perioperative Care, Co-sponsored by The Society for Technology in Anesthesia (STA)</p> <p><i>Moderator: Asad Siddiqui, MD, M.Ed, FRCPC, The Hospital for Sick Children, Toronto, ON, Canada</i></p> <p>The Implementation Arc: Data Science to Clinical Decision Support in Critical Care <i>Hannah Lonsdale, MBChB Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Practical Challenges in Pediatric Risk Prediction: Turning Data into Actionable Insights <i>Theodora Wingert, MD University of California Los Angeles, Los Angeles, CA</i></p> <p>Utilizing National Data Sources to Identify High-Risk Behaviors and Prevent Opioid Use Disorder among Adolescents Recovering from Surgery <i>Tori Sutherland, MD, MPH University of Pennsylvania, Philadelphia, PA</i></p>
	<p>Intraoperative Pain During Cesarean Delivery: An Evidence-Based Review of Knowns and Unknowns</p> <p><i>Moderator: Brendan Carvalho, MBBCh, FRCA, Stanford University, Stanford, CA</i></p> <p>Educating, Consenting and Treating Patients Experiencing Intraoperative Pain During Cesarean Delivery <i>Pervez Sultan, MBChB, FRCA, MD (Res) Stanford University, Stanford, CA</i></p> <p>How and When to Measure Pain During Cesarean Delivery <i>Ruthi Landau, MD Columbia University, New York, NY</i></p> <p>Quantifying The Problem and The Sequelae of Pain During Cesarean Delivery <i>James E. O'Carroll, MD, MBBS, FRCA UCL London, London, United Kingdom</i></p>



Preliminary Program

		<p>Opioid Misuse Risk Stratification: Role for Assessment of Subjective Responses to Opioids (e.g., Euphoria, Nausea)</p> <p>Moderator: <i>Daniel B. Larach, M.D., M.S., M.A., Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Current theoretical understanding of the mechanisms of opioid misuse and use disorder inception</p> <p><i>Daniel B. Larach, M.D., M.S., M.A.</i> <i>Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Clinical Risk Factors for Prolonged Postoperative Opioid Use, Misuse, And the Development of Opioid Use Disorder</p> <p><i>Chad Brummett, M.D.</i> <i>University of Michigan, Detroit, MI</i></p> <p>Using Subjective Responses to Clinical Opioid Administration to Determine Subsequent Opioid Prescribing Risk</p> <p><i>Marie Eikemo, Ph.D.</i> <i>University of Oslo, Oslo, Norway</i></p>
		<p>Shock Management 2026: Evolving Paradigms and Innovation in Cardiovascular Support and Recovery</p> <p>Moderator: <i>Kamrouz Ghadimi, MD, MHSc, Duke University Medical Center, Durham, NC</i></p> <p>Cardiac Inotropes & Practice Variation for Cardiac Surgery</p> <p><i>Michael Mathis, MD</i> <i>University of Michigan, Ann Arbor, MI</i></p> <p>Refractory Vasoplegia in Sepsis and Post-Cardiac Surgery</p> <p><i>Ashish Khanna, MD, MS, FCCM, FASA</i> <i>Wake Forest University School of Medicine, Winston-Salem, NC</i></p> <p>Mechanical Circulatory Support Trends and Guidelines for Shock management</p> <p><i>Audrey Spelde, MD</i> <i>University of Pennsylvania, Philadelphia, PA</i></p>
10:00 am	11:00 am	<p>Poster Session A</p>



Preliminary Program

		<p>Mini-Oral Presentations A</p> <p>10:00am – 11:00am Moderator- <i>Adam Milam, MD, PhD, Johns Hopkins Medicine, Baltimore MD</i></p> <p>Association between impaired intraoperative oxygen delivery during cardiopulmonary bypass and postoperative mortality and morbidity: A retrospective cohort study <i>Mathieu Capdevila, MD, PhD Harvard Medical School, Boston, MA</i></p> <p>Deep Learning Design Guided Local Anesthetic Nanoparticles Provide Extended Analgesia Compared with Liposomal Bupivacaine in Mice <i>George Cortina, MD, PhD Duke University, Durham, NC</i></p> <p>Cell-Specific Transcriptional Programs Driving Myocardial Recovery in Pediatric Heart Failure <i>A Rebecca Hamilton, MD, MSc The Hospital for Sick Children/University of Toronto, Toronto, ON, Canada</i></p> <p>Non-Invasive Cardiac Output Monitoring Using Photoplethysmography and Non-Invasive Blood Pressure: Prospective Validation Against Pulmonary Artery Catheter Thermodilution in Post-Cardiac Surgery Patients <i>Brian Nelson, Biomedical Engineer Retia Medical Systems Inc, White Plains, NY</i></p> <p>The Neuroinflammatory Response to Non-Cardiac/Non-Intracranial Surgery in Older Adults: Predictors and Sequelae <i>Ashley Phoenix, MD, MS Stanford University School of Medicine, Stanford, CA</i></p> <p>Long-Term Association of Postoperative Delirium and Cognitive Impairment with Falls in older Patients: A Retrospective Cohort Study <i>Justus Student, MD Beth Israel Deaconess Medical Center, Boston, MA</i></p> <p>Propofol Induction in Chronic Recreational Cannabis Users: Graded Loss of Responsiveness and EEG Reveals Changes in Nociceptive Processing Rather Than Hypnotic Resistance <i>Sebastian Zinn, MD, PhD Columbia Medical Center, New York, NY</i></p>
10:15 am	11:15 am	PBLD



Preliminary Program

		<p>2024 ACC/AHA Guidelines Perioperative Care for Non-cardiac Surgery: Practical Approach- Co-Sponsored by Society for Advancement of Geriatric Anesthesia (SAGA)</p> <p><i>Shamsuddin Akhtar, MD, Yale School of Medicine, New Haven, CT</i></p>
11:00 am	12:00 pm	<p>Concurrent Sessions</p>
		<p>Shared Decision-Making in Perioperative Care: Value-Based, Patient-Centered Outcomes 11:00am – 12:00pm</p> <p>Moderator: <i>Mia Gisselbaek, MD, MSc, University of Geneva, Geneva, Switzerland</i></p> <p>Building the Team: Training Clinicians for High-Value, Patient-Aligned Care <i>Igor Abramovich, MD, PhD</i> <i>University of California San Francisco, San Francisco, CA</i></p> <p>Shared Decision-Making in the OR <i>Sarah Pr. Saxena, MD, PhD</i> <i>Universite de Mons, Belgium</i></p> <p>Integrating PROMs and PREMs into Perioperative Decisions <i>Professor Joana Berger- Estilita</i> <i>University of Bern, Bern Switzerland</i></p>



Preliminary Program

	<p>Cognitive Fatigue and Clinician Collapse: Is There a Biomarker Before the Mistake?</p> <p>Moderator: <i>Amy Vinson, MD, Boston Children's Hospital and Harvard Medical School, Boston, MA and Ahmed Mady</i></p> <p>AI to Detect Clinician Fatigue and Prevent Severe Outcomes: What the Evidence Really Shows <i>Souheyla Benzaamia, MD University of Algiers, Algeria</i></p> <p>Sleep Loss and Early Warning Signs of Cognitive Fatigue. <i>Rebecca Robbins, PhD Brigham and Women's Hospital, Boston, MA</i></p> <p>Digital Health Technologies and Physician Wellbeing: What Can We Learn from Smartwatches? Arjun P. Athreya, PhD, MS <i>Mayo Clinic, Rochester, MN</i></p>
	<p>Clearing the Fog: Emerging Strategies to Improve Post-Anesthetic Cognitive Recovery – Co-Sponsored by Early-Stage Anesthesiology Scholars (eSAS)</p> <p>Moderator: <i>Mitra Heshmati, MD, PhD, University of Washington, Seattle, WA</i></p> <p>Through the Fog and Into the Night: Harnessing Sleep to Prevent Delirium and Maintain Attention <i>Michael Devinney, MD, PhD Duke University School of Medicine, Durham, NC</i></p> <p>Clinical Strategies to Support Cognitive Recovery Post Surgery <i>Stacie Diener, MD Dartmouth Hitchcock Medical Center, Lebanon, NH</i></p> <p>Circuit-Based Approaches to Cognitive Recovery: Insights from Animal Models <i>Kathleen Vincent, PhD Mass General Research Institute, Harvard, Boston, MA</i></p>



Preliminary Program

		<p>The Physiologically Difficult Airway: Turning New Evidence into Widespread Practice- Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</p> <p>Moderator: <i>Kunal Karamchandani, MD, UT Southwestern, Dallas, TX</i></p> <p>"But it's not on the test!" Advancing PDA Management Through Collaborative Education <i>Mary Jarzebowski, MD</i> <i>Henry Ford Health System, Detroit, MI</i></p> <p>Challenging Old Practices with New Evidence: How to Mitigate Hypoxemia and Hemodynamic Collapse <i>Craig Jabaley, MD</i> <i>Emory University, Atlanta, GA</i></p> <p>Intubating Critically Ill Patients: The Outcomes Should Scare You! <i>Ravindra Gupta, MD</i> <i>Northwestern University Feinberg School of Medicine, Chicago, IL</i></p>
11:30 am	12:30 pm	PBLD
		<p>The Silent Keto Storm: Unmasking Euglycemic DKA During Surgery Intraoperative Diagnosis and Management of Euglycemic Diabetic Ketoacidosis Associated with SGLT2 Inhibitors: A Hidden Threat in the Perioperative Period</p> <p><i>Alexander Doyal, MD, MPH, FASA, University of North Carolina at Chapel Hill, Chapel Hill, NC and Ezekiel Egan, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC</i></p>
11:30 am	2:00 pm	Workshop



Preliminary Program

		<p>- Session #1</p> <p>SOCCA ECMO Bootcamp: From Percutaneous Cannulation to Crisis Management - A Practical ECMO Simulation Experience- - Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i></p> <p>Moderator: <i>Lovkesh Arora, MD, MBBS, FASA, E-AEC, University of Iowa Hospitals & Clinics, Iowa City, IA</i></p> <p>Speakers:; <i>Lauren Sutherland, MD, Columbia University Irving Medical Center, New York, NY; Alok Gupta, Md, FASA, FCCP, Northwestern University, Evanston, IL; Thomas Comfere, MD, Mayo Clinic, Rochester, MN and Christopher Ortiz, MD, PhD, University of California, San Francisco, San Francisco, CA</i></p>
12:15 pm	1:15 pm	Lunch Symposium: IARS Journals and Wolters Kluwer
12:45 pm	1:45 pm	PBLD
		<p>Septic Cardiomyopathy and Refractory Shock Requiring VA-ECMO in a Young Woman with Endometriosis-Associated Ascites</p> <p><i>Abirami Kumaresan, MD, Cedars Sinai Medical Center, Los Angeles, CA and Milad Sharifpour, MD, MS, Cedars Sinai Medical Center, Los Angeles</i></p>
1:30 pm	2:00 pm	Coffee Break
1:30 pm	2:00 pm	<p>Meet the Experts of Anesthesia and Analgesia</p> <p><i>Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK and David Hao, MD, Massachusetts General Hospital, Boston, MA</i></p>
1:30 pm	3:30 pm	Workshop
		<p>How to Be a Great A&A Peer Reviewer (IARS with SOCCA)</p> <p><i>Workshop Facilitators: Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK; Lee Goeddel, MD, MPH, Johns Hopkins School of Medicine, Baltimore, MD; Ashraf Habib, MB BCh, MHSc, FRCA, Duke University Medical Center, Durham, NC; Adam Milam, MD, PhD, Mayo Clinic, Phoenix, AZ; Avery Tung, MD, University of Chicago, Chicago, IL; David Hao, MD, Massachusetts General Hospital, Boston, MA; Daniel Saddawi-Konefka, Ashish Khanna, and Jean Charchafli</i></p>
1:45 pm	2:45 pm	Poster Session B



Preliminary Program

		<p>Mini-Oral Presentations B</p> <p>Moderator: Cynthia Lien, Medical College of Wisconsin, Milwaukee, WI</p> <p>Perioperative Mortality and Critical Care Access in Sub-Saharan Africa: A Systematic Review and Meta-Analysis <i>Abdullahi Ahmed</i> <i>African Health Science University, Kigali, Rwanda</i></p> <p>Acute Compartment Syndrome – The Monster Under the Bed – Is It Gone or Did We Grow Up? A follow-up study on the incidence of acute compartment syndrome in patients with long bone extremity fractures at the University of Florida <i>Svetlana Chembrovich, MD</i> <i>University of Florida, Gainesville, FL</i></p> <p>Does mechanical CPR produce better outcomes than manual CPR during in-hospital cardiac arrests? A scoping review <i>Risa Darcy, BMedSci</i> <i>University of Nottingham, Nottingham, United Kingdom</i></p> <p>Clinically Inspired Vascular Annotation Improves Machine Learning–Based Ultrasound Nerve Segmentation for Peripheral Nerve Blocks <i>Anusha Priya, MD, PhD</i> <i>Massachusetts General Hospital, Boston, MA</i></p> <p>Efficacy and Safety of Clavipectoral Fascial Plane Block for Analgesia in Clavicle Fracture Surgeries: A Meta-analysis of Randomized Controlled Trials <i>Sami ur Rehman, MBBS, BSc.</i> <i>College of Physicians and Surgeons Pakistan, Pakistan</i></p> <p>Burden of Gut Bacterial DNA in Blood is Associated with Worse Clinical Outcomes in Acute Critical Illness <i>Jacqueline Quinn, MD</i> <i>Duke University, Durham, NC</i></p> <p>Physiological implications and outcome predictions of including PEEP in estimations of Mechanical Power <i>Benedikt Wagner, Cand.Med</i> <i>Beth Israel Deaconess Medical Center, Boston, MA</i></p>
2:00 pm	3:00 pm	PBLD



Preliminary Program

		<p>No Room to Breathe: Airway Emergencies in the ED and Beyond</p> <p><i>Giancarlo Atassi, MD, MPH, University of Miami / Jackson Health System, Miami, FL</i></p>
2:45 pm	3:45 pm	<p>Concurrent Sessions</p>
		<p>Best Solutions to Challenging Cases--Evidence-Based Approaches in Regional Anesthesia and Pain Medicine</p> <p>Moderator: <i>Meg Rosenblatt, MD, FASA, FASRA, Mount Sinai Morningside and West Hospitals, New York, NY</i></p> <p>Evidence for the use of regional anesthesia techniques in pediatric patients. <i>Santhanam Suresh, MD, MBA</i> <i>Loyola University Medical Center, Maywood, IL</i></p> <p>Presentation Title TBD <i>Nabil Elkassabany, MD, MSCE, MBA</i> <i>University of Virginia, Charlottesville, VA</i></p> <p>Presentation Title TBD <i>Meg Rosenblatt, MD, FASA, FASRA</i> <i>Mount Sinai Morningside and West Hospitals, New York, NY</i></p>



Preliminary Program

	<p>Hemostatic Precision: Current Evidence and Trends in Factor Concentrate Use for Cardiac and Non-Cardiac Surgeries Moderator: <i>Kenichi Tanaka, MD, MSc, University of Oklahoma Health Sciences, Oklahoma City, OK</i></p> <p>Hemostatic Precision: Current Evidence and Trends in Factor Concentrate Use for cardiac and non-cardiac surgeries <i>Kenichi Tanaka, MD, MSc</i> <i>University of Oklahoma Health Sciences, Oklahoma City, OK</i></p> <p>Hemostatic Precision: Current Evidence and Trends in Factor Concentrate Use for cardiac and non-cardiac surgeries <i>Francois Carrier, MD, PhD</i> <i>University of Montreal, Montreal, Quebec, Canada</i></p> <p>Hemostatic Precision: Current Evidence and Trends in Factor Concentrate Use for cardiac and non-cardiac surgeries <i>Justyna Bartoszko, MD</i> <i>Toronto General Hospital, Toronto, ON, Canada</i></p>
	<p>Brain on the Brink: Perioperative Strategies for Ischemic Stroke, TBI & SAH – Co-Sponsored by The Society for Neuroscience in Anesthesiology and Critical Care (SNACC) Moderator: <i>Kan Ma, MD, FRCPC, St. Michael's Hospital, University of Toronto, Toronto, ON, Canada</i></p> <p>Between Rupture and Delayed Ischemia – Optimizing Outcomes After Subarachnoid Hemorrhage <i>Ines Koerner, MD, PhD, FNCS</i> <i>Oregon Health & Science University, Portland, OR</i></p> <p>Juggling Between Evidence and Anesthesia Practices for Managing Endovascular Thrombectomy <i>Tumul Chowdhury, MD, DM, FRCPC, MSc, Professor</i> <i>University of Alabama at Birmingham, Birmingham, AL</i></p> <p>Perioperative Care for Major Traumatic Brain Injury <i>Bhiken Naik, MD, MBBCh, MScR</i> <i>The University of Virginia Health System, Charlottesville, VA</i></p>



Preliminary Program

		<p>Critical Care Outside the ICU: The Expanding Role of Anesthesiologists in Hospital-Wide Resuscitation</p> <p>Moderator: <i>Tao Shen, MBBS, Cedars-Sinai Medical Center, Los Angeles, CA and Tara Ramaswamy, MD, Stanford University, Stanford, CA</i></p> <p>From Staffing Strain to Smart Support: Operational and AI Solutions for Rapid Response Integration <i>Michael Burns, MD, University of Michigan, Ann Arbor, MI</i></p> <p>Critical Care, Critical Dollars: how intensivists can influence hospital financial success <i>Matthew Wiepking, MD, Keck Medical Center, USC, Los Angeles, CA</i></p> <p>Resuscitation, Residents, and Results: Anesthesiologist-Led Codes as a Platform for Education <i>Tara Ramaswamy, MD, Stanford University, Stanford, CA</i></p>
2:45 pm	5:15 pm	Workshop
		<p>- Session #2</p> <p>SOCCA ECMO Bootcamp: From Percutaneous Cannulation to Crisis Management - A Practical ECMO Simulation Experience- Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i></p> <p>Moderator: <i>Lovkesh Arora, MD, MBBS, FASA, E-AEC, University of Iowa Hospitals & Clinics, Iowa City, IA</i></p> <p>Speakers: <i>Lauren Sutherland, MD, Columbia University Irving Medical Center, New York, NY; Alok Gupta, MD, FASA, FCCP, Northwestern University, Evanston, IL; Thomas Comfere, MD, Mayo Clinic, Rochester, MN; Christopher Ortiz, MD, PhD, University of California, San Francisco, San Francisco, CA; Anthony Panos, MD, University of Iowa, Iowa City, IA and Bhounesh Patel, MD, MHS, Hackensack School of Medicine, Neptune, NJ.</i></p>
3:15 pm	4:15 pm	PBLD



Preliminary Program

		<p>To Wax and Wane: The Ups and Downs of Diagnosing and Managing Delirium in the Critically Ill Patient</p> <p><i>Elizabeth Cox Williams, MD, University of Maryland School of Medicine, College Park, MD</i></p>
3:30 pm	5:30 pm	<p>Workshops</p> <p>A&A Journal Club: How to Read and to Apply Various Types of Papers</p> <p><i>Workshop Facilitators: Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK; David Hao, MD, Massachusetts General Hospital, Boston, MA; Lee Goeddel, MD, MPH, Johns Hopkins School of Medicine, Baltimore, MD; Amanda Kleiman, MD, University of Virginia Health, Charlottesville, VA; Adam Milam, MD, PhD, Mayo Clinic, Phoenix, AZ; Elizabeth Whitlock, MD, MS, UCSF Health, San Francisco, CA; Megan L. Rolfzen, MD, University of Nebraska Medical Center, Omaha, NE and Dhanesh D. Binda, MD, MMSc, Montefiore Medical Center, Bronx, NY</i></p>
4:00 pm	5:00 pm	<p>Concurrent Sessions</p> <p>Making Sense of Stories: A Clinician's Introduction to Qualitative Research Moderator: <i>Gianni R. Lorello, MD, FRCPC, University Health Network Toronto, Toronto, ON, Canada</i></p> <p>The ABC of Qualitative Research <i>Mia Gisselbaek, MD, MSc University hospitals of Geneva, Geneva, Switzerland</i></p> <p>Rigor In Qualitative Research <i>Kori Ladonna, PhD University of Ottawa, Ottawa, ON, Canada</i></p> <p>Best Practices in Mixed-Methods Research <i>Rachel Schwartz, PhD- University of California San Francisco, San Francisco, CA</i></p>



Preliminary Program

	<p>What Can a Large High-Fidelity Simulation Study of Acute Care Management Tell Us About Anesthesiologists and Their Practice Moderator: <i>Matthew Weinger, MD, Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Clinical Performance of Anesthesiologists During Acute Crisis Events <i>William McIvor, MD</i> <i>University of Pittsburgh Medical Center, Pittsburgh, PA</i></p> <p>Decision Making Strategies That Differentiate High vs. Low Performance in Acute Crisis Events <i>Michael Andreae, MD, PhD</i> <i>University of Utah School of Medicine, Salt Lake City, UT</i></p> <p>What Does This All Mean for Future Education, Training, Decision Support, Research, and Practice? <i>Laurence Torsher, MD</i> <i>The Mayo Clinic Rochester, Rochester, MN</i></p>
	<p>EEG-based Anesthesia Monitoring Across the Lifespan: From the Very Young to the Old and Sick Moderator: <i>Gerhard Schneider, Technical University Munich, Munich, Germany</i></p> <p>Analyzing the EEG Across the Age Span: What Is the Same, What Is Different? <i>Matthias Kreuzer, PhD</i> <i>Technical University of Munich, School of Medicine, Munich, Germany</i></p> <p>EEG Monitoring in the Elderly and the Critically Ill: Challenges and Opportunities <i>Carolina Frederico, MD</i> <i>Hospital Quirónsalud Barcelona, Barcelona, Spain</i></p> <p>Interpreting EEG in Neonates and Infants: A Different Brain, A Different Signal <i>Mauricio Ibacache, MD, PhD</i> <i>Pontifical Catholic University of Chile, Santiago, Chile</i></p>



Preliminary Program

		<p>Code Blue: Evidence-Based Practice or Medical Ritual?</p> <p>Moderator: <i>Abirami Kumaresan, MD, Cedars-Sinai Medical Center, Los Angeles, CA</i></p> <p>Resuscitative science physiology: who survives and who doesn't <i>Tao Shen, MBBS Cedars-Sinai Medical Center, Los Angeles, CA</i></p> <p>Does perioperative cardiac arrest warrant a more tailored approach than ACLS <i>Christina Jelly, MD, MS Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Drugs and gadgets: cardiac arrest pharmacotherapy, mechanical CPR and POCUS <i>Matthew Wiepking, MB BMedSc. BCh. BAO (Hons) University of Southern California, Los Angeles, CA</i></p>
4:30 pm	5:30 pm	<p>PBLDs</p>
		<p>Perioperative Management of Patients with Coronary Stents</p> <p><i>Priya Kumar, MD, University of Mississippi Medical Center, Jackson, MS</i></p>



Preliminary Program

5:00 pm	6:30 pm	<p>Plenary Session - International Science Symposium - Algorithms to Clinical Innovations: Harnessing Artificial Intelligence to Transform Anesthesia and Perioperative Medicine”</p> <p>Moderator: <i>Meredith Adams, M.D., M.S., FASA, FAMIA, Wake Forest School of Medicine, Winston-Salem, NC</i></p> <p>IARS International Outreach Travel Grant Presentation- <i>Meredith Adams, M.D., M.S., FASA, FAMIA, Wake Forest School of Medicine, Winston-Salem, NC</i></p> <p>AI-driven Integration of Clinical and Biological Data for Peri-operative Care <i>Nima Aghaeepour, PhD Stanford University, Stanford, CA</i></p> <p>AI-driven Understanding of Human Cancer <i>Andrew H. Song, Ph.D. Brigham and Women’s Hospital, Boston, MA</i></p> <p>What Anesthesiologists Need to Know About AI <i>Hannah Lonsdale, MBChB Vanderbilt University Medical Center, Nashville, TN</i></p>
5:15 pm	6:15 pm	<p>Concurrent Session</p>
		<p>Demystifying APRV: Historical Roots, Modern Advancements, and Strategies for Optimal ICU Outcomes</p> <p>Moderator: <i>Benjamin Daxon, MD, Mayo Clinic, Rochester, MN</i></p> <p>Advancing APRV: From Early Iterations to Time-Controlled Adaptive Ventilation <i>Toni Manougian, MD, MBA Westchester Medical Center, Westchester, NY</i></p> <p>Deploying APRV Today: Misconceptions and Misunderstandings in APRV Practice <i>Krishnan Ramanujan, MD Mayo Clinic, Rochester, MN</i></p> <p>Inventing APRV: Foundational Concepts and Initial Discoveries <i>M Christine Stock, MD Health2057, Inc, Stokie, IL</i></p>



Preliminary Program

		<p>Critical Care at the End of Life: When is Enough Too Much? Moderator: <i>Robert Sladen, MBChB, MRCP(UK), FRCPC, FCCM, Columbia University Medical Center, New York, NY</i></p> <p>My Patient is Unlikely to Survive the ICU: Is There a Choice? <i>Liza Weavind, MBChB</i> <i>Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Navigating Culture in End-of-life Care <i>Shahla Siddiqui, MD, MS, FCCM</i> <i>Beth Israel Deaconess Medical Center, Boston, MA</i></p> <p>Decision-Making in the Patient on Mechanical Circulatory Support <i>Teresa Mulaikal, MD, FASE</i> <i>Columbia University Medical Center, New York, NY</i></p>
5:45 pm	6:45 pm	PBLDs
		<p>Allergens Among Us: Insight On Managing Some of The Common and Uncommon Allergies in The Perioperative Period</p> <p><i>Jenny Pennycuff, MD, MS, MD Anderson Cancer Center, Houston, TX and Adebukola Owolabi, MD, MD, Anderson Cancer Center, Houston, TX</i></p>
6:30 pm	7:15 pm	Women’s Reception
7:15 pm	7:45 pm	Scholars’ Reception

Saturday, May 2, 2026

Start Time	End Time	Session
7:00 am	8:30 am	<p>Plenary Session: President’s Lecture</p> <p>Emery N. Brown Early Career Presentation <i>Oluwaseun Johnson-Akeju, MD, Massachusetts General Hospital, Boston, MA</i></p>



Preliminary Program

		<p>Speaker Introduction: <i>Oluwaseun Johnson-Akeju, MD, Massachusetts General Hospital, Boston, MA</i></p> <p>Tools for Analyzing, Repairing, and Simulating the Brain <i>Ed Boyden, Ph.D., Y. Eva Tan Professor in Neurotechnology, Massachusetts Institute of Technology, Cambridge, MA</i></p>
7:45 am	8:45 am	PBLDs
		<p>Hip Fracture Repair in the Elderly Anticoagulated Patient, What Are the Appropriate Blocks?</p> <p><i>Uchenna Umeh, MD, FASA, FASRA, Hospital for Special Surgery, New York, NY</i></p>
8:30 am	9:00 am	Coffee Break
8:30 am	9:00 am	<p>Meet the Experts of Anesthesia and Analgesia</p> <p><i>Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK and David Hao, MD, Massachusetts General Hospital, Boston, MA</i></p>
8:30 am	4:30 pm	Exhibits Open
9:00 am	10:00 am	PBLDs
		<p>Perioperative Glycemic Control in Cardiac Surgical Patients</p> <p><i>Megan Hicks, MD, Atrium Health Wake Forest Baptist, Winston-Salem, NC</i></p>
9:00 am	10:00 am	Concurrent Sessions
		<p>Does Preoperative Risk Prediction Improve Perioperative Outcome? An Update Moderator: <i>Joshua Bloomstone, MD, MSc, FASA, University of Arizona- College of Medicine Phoenix, Phoenix, AZ</i></p> <p>Individualized versus General Risk Prediction Tools: Validation, Use, and Limitations. <i>Rafael Noriega, MD, MPH</i> <i>Envision Healthcare, Phoenix, AZ</i></p>



Preliminary Program

	<p>Surgical Risk Prediction Tools, Shared-Decision Making, and Informed Consent: An Ethical Imperative <i>Benjamin Houseman, MD, PhD</i> <i>Memorial Healthcare System, Boca Raton, FL</i></p> <p>Using Big Data to Understand Whether Surgical Risk Assessment Alters Surgical Decision Making <i>Kamal Maheshwari, MD, MPH</i> <i>Cleveland Clinic, Cleveland, OH</i></p>
	<p>From Preop to Postop: Transforming Perioperative Care Through Virtual Innovation Moderator: <i>Manoj Lalu, MD, PhD, University of Ottawa, Ottawa, ON, Canada</i></p> <p>Postoperative Virtual Care and Remote Monitoring <i>Sylvie Aucoin, MD</i> <i>University of Ottawa, Ottawa, ON, Canada</i></p> <p>Virtual Preoperative Assessments <i>David MacDonald, MD</i> <i>Dalhousie University, Halifax, Nova Scotia</i></p> <p>Postoperative Remote Monitoring <i>David Brealey, MBBS, PhD</i> <i>University College London, London, United Kingdom</i></p>
	<p>Less Opioid, More Recovery? Debating the Future of Surgical Pain Management Moderators: <i>Thomas Anderson, PhD, MD, Stanford University School of Medicine, Stanford, CA</i> and <i>Christopher Haley, Queen's University, Kingston, ON, Canada</i></p> <p>Breaking the Pain Paradigm: What Comes After Opioids? <i>James Rathmell, MD</i> <i>Harvard Medical School, Boston, MA</i></p> <p>Opioids Optional: Are We Ready to Ditch Them in the OR? <i>Karim Ladha, MD</i> <i>University of Toronto, Toronto, ON, Canada</i></p> <p>The Opioid-Free Backlash: Are We Doing More Harm Than Good? <i>Cornelius Groenewald, MD</i> <i>Stanford University School of Medicine, Stanford, CA</i></p>
	<p>Emerging Inhaled Gas Therapies in Critical Illness- Co-Sponsored by <i>The Society of Critical Care Anesthesiologists (SOCCA)</i> Moderator: <i>Carolyn La Vita, RRT, Massachusetts General Hospital, Boston, MA</i></p> <p>High-Dose Inhaled Nitric Oxide: Antimicrobial Effects and Clinical Translation <i>Lorenzo Berra, MD</i></p>



Preliminary Program

		<p><i>Massachusetts General Hospital, Boston, MA</i></p> <p>Argon Gas in Cardiac Arrest: Neuroprotection and Anti-Inflammatory Effects in Phase II Trials <i>Giuseppe Ristagno, MD, PhD</i> <i>University of Milan, Milan, Italy</i></p> <p>Volatile Anesthetics in the ICU: Sedation, Physiology, and Outcomes <i>Christopher Hughes, MD, MS, FCCM</i> <i>Vanderbilt University Medical Center, Nashville, TN</i></p>
9:00 am	10:00 am	<p>Scholars' Day Session</p>
		<p>Directors Cut: Trials and Tribulations of Your First Trial <i>Moderator: Connor Brenna, MD, University of Toronto, Toronto, ON, Canada</i></p> <p>Leading Your First Multi-Center Trial: Perspectives and Lessons Learned <i>Jessica Spence, MD, PhD</i> <i>McMaster University, Hamilton, Ontario, Canada</i></p> <p>Leading Your First Industry-Funded Trial: Perspectives and Lessons Learned <i>Ashish Khanna, MD, FCCP, FCCM</i> <i>Wake Forest University, Winston-Salem, NC</i></p>
9:00 am	12:00 pm	<p>Workshops</p>
		<p>Advanced Regional Anesthesia Ultrasound Techniques: Blocks you can use in your practice tomorrow!</p> <p>Moderators: <i>Santhanam Suresh, MD, MBA, FASA, Loyola University Medical Center, Maywood, IL, and Kristin Schreiber, MD, PhD, Brigham and Women's Hospital, Boston, MA</i></p> <p>Facilitators: <i>Pradeep Dinakar, MD, MS, MBA, FAAP, Boston Children's Hospital, Boston, MA; David Furguele, MD, NYU Langone Health, New York, NY; Mitchell Marshall, MD, NYU Langone Health, New York, NY; Uchenna Umeh, MD, FASA, Hospital for Special Surgery, New York; James Sabra, MD, Mt Sinai Hospital, NY, NY; Meg Rosenblatt, Mt Sinai, NY; John Jaworowicz, MD, Loyola University Medical Center, Katharine Miles, MD, Loyola University Medical Center, Nabil Elkassabany, MD MBA, University of Virginia; and Aruna Seethuraman,</i></p>
9:00 am	1:30 pm	<p>Scholars' Day Program</p>



Preliminary Program

10:00 am	11:00 am	<p>Poster Session C</p>
		<p>Mini-Oral Presentations C</p> <p>Moderator- <i>Stefan Schaller, MD, Medical University of Vienna, Vienna, Austria</i></p> <p>Gamification and Real-Time Digital Monitoring of Incentive Spirometry: A Prospective Study of Stakeholder Engagement and Usability <i>Toby Chen</i> <i>University of Michigan Medical School, Ann Arbor, MI</i></p> <p>A Hybrid Deep Learning Framework for Causal Inference and Prediction of Postoperative Outcomes <i>Lichy Han MD, PhD</i> <i>Stanford University, Stanford, CA</i></p> <p>Propofol Titration Guided by Real-time Exhaled Breath Analysis for Optimizing Anesthetic Dosing and Accelerating Recovery: A Preclinical Study in Beagles <i>Xiaoxiao Li, MD</i> <i>West China Hospital, Chengdu, China</i></p> <p>Variable Tranexamic Acid Dosing and Its Association with Blood Loss and Transfusion Requirements: A Meta-analysis in Pediatric Cerebral Palsy Orthopedic Surgery <i>Jad Mazboudi</i> <i>Creighton University School of Medicine, Phoenix, AZ</i></p> <p>Low-dose prothrombin complex concentrate (PCC) versus fresh frozen plasma (FFP) in valvular heart surgery: A multicentre randomised trial <i>LiJian Pei, MD</i> <i>PEKING UNION MEDICAL COLLEGE HOSPITAL, Beijing, China</i></p> <p>First attempt tracheal intubation success and hypoxia at induction in neonates: an analysis of the Multicenter Perioperative Outcomes Group (MPOG) Database <i>Mary Lyn Stein, MD</i> <i>Boston Children's Hospital, Boston, MA</i></p> <p>Feasibility of an Intra-Needle Ultrasound-Assisted Paravertebral and Intercostal Nerve Blocks: First-in-Human Trial <i>Fu-Wei Su, MD, PhD</i> <i>Taipei Veterans General Hospital, Brookline, MA</i></p> <p>Identifying New Therapies for Cardiac Fibrosis Through Artificial Intelligence-Driven Small Molecule Screening Targeting Protein: Protein Interactions <i>Jason Maynes, PhD, MD</i> <i>Hospital for Sick Children, Toronto, ON, Canada</i></p>



Preliminary Program

		PBLD
10:15 am	11:15 am	<p>High-MELD Cirrhotic Patient Meets the OR: Navigating Incarcerated Inguinal Hernia Repair with Evidence-Based Peri-operative Strategies- <i>Co-Sponsored by International Liver Transplant Society (ILTS) and Society for the Advancement of Transplant Anesthesia (SATA)</i></p> <p><i>Xuequin Ding, MD, Ph.D., MetroHealth Medical Center Case Western, Cleveland, OH</i></p>
11:00 am	12:00 pm	Concurrent Sessions
		<p>Challenges in Pediatric Anesthesia - <i>Co-sponsored by World Federation of Societies of Anesthesiologists (WFSA)</i></p> <p>Moderator: <i>Faye Evans, MD, Boston Children's Hospital, Boston, MA</i></p> <p>Pediatric Anesthesia Fellowships: Advancing Quality or Limiting Access? <i>Faye Evans, MD Boston Children's Hospital, Boston, MA</i></p> <p>Challenges in Implementing Guidelines in Pediatric Anesthesia <i>Thomas Engelhardt McGill University, Montreal, QC, Canada</i></p> <p>Scores in Pediatric Anesthesia: Which Ones to Use and How to Integrate into Clinical Practice <i>Walid Habre, MD, PhD Boston Children's Hospital, Boston, MA</i></p>
		<p>Ethical Dilemmas of Advanced Invasive Therapies in the ICU: ECMO and Organ Support for Transplant</p> <p>Moderator: <i>Monica Lupei, MD, University of Minnesota, Minneapolis, MN</i></p> <p>Complex Decision Making in Advanced Mechanical Assist Devices for Heart Failure <i>Shahla Siddiqui, MD, MS, FCCM Harvard Medical School, Boston, MA</i></p> <p>Organ Support for Transplant and the Controversies of Normothermic Regional Perfusion for Donation after Circulatory Death <i>Louanne Carabini, MD Northwestern University, Chicago, IL</i></p> <p>Criteria and Controversies for VV-ECMO as a Bridge to Recovery or Lung Transplant</p>



Preliminary Program

		<p><i>Jai Madhok, MD, MSE</i> <i>Stanford University, Stanford, CA</i></p>
		<p>Mandating Video Laryngoscopy: A Debate on Safety, Skills, and Standards- Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA) Moderator: <i>Jason Brainard, MD, University of Colorado School of Medicine, Aurora, CO</i></p> <p>Pro – Mandate Video Laryngoscopy for All OR and ICU Intubations <i>Christina Boncyk, MD, MS</i> <i>Vanderbilt university, Nashville, TN</i></p> <p>Con – Do Not Mandate Video Laryngoscopy for All OR and ICU Intubations <i>Craig Jabaley, MD</i> <i>Emory University, Atlanta, GA</i></p> <p>Rebuttal – What About Fiberoptic Intubations and What About Our Learners? <i>Erin Hennessey, MD, MEHP</i> <i>University of Virginia, Charlottesville, VA</i></p>
		<p>Brain Death Determination in Complex Clinical Situations – Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA) Moderator: <i>Kathryn Rosenblatt, MD, MHS, Johns Hopkins University School of Medicine, Baltimore, MD and Ines Koerner, MD, PhD, Oregon Health & Science University, Portland, OR</i></p> <p>History And Current State of Brain Death in The United States and Canada and Necessary Pre-Requisites to BD/DNC Evaluation <i>Jonathan Gomez, MD, MS</i> <i>Johns Hopkins University School of Medicine, Baltimore, MD</i></p> <p>Clinical Neurological Exam in BD/DNC and Ancillary Testing in Patients on ECMO and Other Complex Clinical Situations <i>Daniel Gouger, MD</i> <i>University of Alabama at Birmingham, Birmingham, AL</i></p> <p>Peri- and post-declaration management and communicating BD/DNC with family and other providers <i>Miriam Quinlan, MD, MPH</i> <i>Johns Hopkins University School of Medicine, Baltimore, MD</i></p>
11:00 am	12:00 pm	Scholars' Day Session



Preliminary Program

		<p>The Resilience Playbook: Turning Adversity into Academic Momentum</p> <p><i>Moderator: Lauriane Guichard, MD, University of North Carolina, Chapel Hill, NC</i></p> <p>Early Trials, Enduring Lessons <i>Max Kelz, MD, PhD</i> <i>University of Pennsylvania, Philadelphia, PA</i></p> <p>The Power of “No” and Mentorship <i>Julie Freed, MD, PhD</i> <i>Medical College of Wisconsin, Milwaukee, WI</i></p> <p>Prioritizing What Matters Most for a Lasting Career <i>Miles Berger, MD, PhD</i> <i>Stanford University, Stanford, CA</i></p>
11:30 am	12:30 pm	PBLD
		<p>Perioperative Anesthetic Dosing in the Elderly: Balancing Cardiovascular and the CNS Systems- Co-Sponsored by The Society for Advancement of Geriatric Anesthesia (SAGA)</p> <p><i>Shamsuddin Akhtar, MD, Yale School of Medicine, New Haven, CT</i></p>
12:00 pm	1:00 pm	Scholars’ Day Session & Lunch
		<p>Rapid Fire Panel IARS Scholars Day 2026 (Montreal): <i>Moderator: Christopher Roberts, MD, PhD, Medical College of Wisconsin, Milwaukee, WI</i></p> <p>Understanding Cell Death and Metabolism in Acute and Chronic Lung Disease <i>Saul Siller, MD, PhD</i> <i>Yale University, New Haven, CT</i></p> <p>The Optimizing Patient-centered outcomes Using opioid minimization Strategies (OPUS) Anesthesia Trial <i>Michael Verret, MD, PhD</i> <i>Université Laval, Quebec City, QC</i></p> <p>Lymphatics as a Translational Frontier in Anesthesiology <i>Katarina Ruscic, MD, PhD</i> <i>Massachusetts General Hospital, Boston, MA</i></p> <p>Characterizing the Dynamics of Leukocyte Populations in the Early Response to Acute Ischemic and Infectious Inflammation <i>Sylvia Ranjeva, MD, PhD</i></p>



Preliminary Program

		<p><i>Beth Israel Deaconess, Boston, MA</i></p> <p>Genetic Associations with Chronic Postsurgical Pain <i>Stephan Frangakis, MD, PhD</i> <i>University of Michigan, Ann Arbor, MI</i></p>
12:15 pm	1:15 pm	<p>Lunch Symposium: A Discussion with IARS Emeritus Leaders on the Future of Anesthesiology Research</p> <p>Moderator: <i>Vivianne Tawfik, MD, PhD, Stanford University, Stanford, CA</i></p> <p><i>Alex Evers, MD, Washington University, St. Louis, St. Louis, MO</i></p> <p><i>Christina Werner, MD, Johannes Gutenberg University, Mainz, Germany</i></p> <p><i>Beverley Orser, MD, PhD, University of Toronto, Toronto, Canada</i></p>
		PBLD
12:45 pm	1:45 pm	<p>My patient's glucose is 420 mg/dL, temperature is 38.1 C, and potassium is 2.9 mEq/dL: Just another day in the HIPEC room!</p> <p><i>Mukadder Ozcan, MD, Yale University, New Haven, CT</i></p>
1:00 pm	4:00 pm	<p>Workshop</p> <p>POCUS in Trauma: EASy-FAST Framework for Ultrasound-Guided Resuscitation- Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA)</p> <p>Moderators: <i>Nibras Bughrara MD, Albany Medical College, Delmar, NY; Kapil Gupta, MD, University of Washington, Seattle, WA and Aliaksei Pustavoiatou, MD, Johns Hopkins Hospital, Baltimore, MD</i></p> <p>Faculty <i>Oliver P. F. Panzer, MD, Hospital for Special Surgery, New York, NY; Kunal Karamchandani, MD, UT Southwestern Medical Center, Dallas, TX; Rachel Kadar, MD, University of New Mexico, Albuquerque, NM; Ruma Bose, MD, Beth Israel Medical Center, Boston, MA ; Omar A. Durra, MD, University of Southern California, Los Angeles, CA; Anwar Alinani, MBBS, University of Washington, Seattle, WA; Paul Bhalla, MBChB , University of Washington, Seattle, WA; David Corpman, MD, University of Washington, Seattle, WA; Arun Prasad, MD, FRCA, FRCPC, University of Toronto, Toronto, ON, Canada; Dorothy Wang, MD, University of Washington, Seattle, WA; Fani</i></p>



Preliminary Program

		<i>Nhuch, MD, University of Washington, Seattle, WA; William Hsu, MD, Albany Medical College, Albany, NY; Rosie Gaylor MD, Johns Hopkins University, Baltimore, MD, Shuhong Guo, MD, PhD, University of Washington, Seattle, WA and Andrew Villion, MD, Westchester Medical Center, Valhalla, NY</i>
1:00 pm	1:30 pm	eSAS Business Meeting
1:30 pm	2:00 pm	Coffee Break
1:30 pm	2:00 pm	Meet the Experts of Anesthesia and Analgesia <i>Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK and David Hao, MD, Massachusetts General Hospital, Boston, MA</i>
1:45 pm	2:45 pm	Poster Session D
		<p>Mini-Oral Presentations D</p> <p>Moderator: Thomas Anderson, MD, PhD, Stanford University School of Medicine, Stanford, CA</p> <p>The relative prevalences of discrete brain states during cardiac surgery inform the risk of postoperative delirium <i>Gonzalo Boncompagni, PhD</i> <i>División de Anestesiología, PUC, Chile, Santiago, Chile</i></p> <p>Single Cell Epigenetic Immune Determinants of Mild Cognitive Impairment <i>Amelie Cambriel, MD</i> <i>Stanford University, Stanford, CA</i></p> <p>Depression and anxiety among older patients with cognitive impairment following anesthesia and surgery <i>Eric Cheuk, BSc</i> <i>Temerty Faculty of Medicine; University of Toronto, Toronto, ON, Canada</i></p> <p>Detecting subjective cognitive decline using the Centre for Disease Control and Prevention (CDC) cognitive question <i>Subin Park, HBHSc</i> <i>Temerty Faculty of Medicine; University of Toronto, Toronto, ON, Canada</i></p> <p>Non-Invasive, Diagnostic Ultrasound Guided Focused Ultrasound for Reversible Peripheral Nociceptive Fiber Inhibition in an Acute Pain Model in Rats <i>Namrata Sangwan, PhD</i></p>



Preliminary Program

		<p><i>Stanford University, Stanford, CA</i></p> <p>Effect of classical thoracolumbar inter-fascial plane block on postoperative pain and serum interleukin levels in lumbar spine surgeries: a prospective double-blinded randomised controlled trial <i>Ruchi Verma, MD</i> <i>Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India</i></p> <p>Can an ultra-rapid, self-reported questionnaire identify patients at risk of adverse outcomes? Insights from two multicenter longitudinal studies <i>Eilene Yan, HBSc</i> <i>University of Toronto, Toronto, ON, Canada</i></p> <p>Exploring the prognostic utility of the Montreal Cognitive Assessment in identifying at-risk older surgical patients: A multicenter longitudinal study <i>Eilene Yan, HBSc</i> <i>University of Toronto, Toronto, ON, Canada</i></p>
2:00 pm	3:00 pm	PBLD
		<p>Airway Pressure Release Ventilation: Conventional Use of an Unconventional Ventilator Mode</p> <p><i>Krishnan Ramanujan, MD, Mayo Clinic Rochester, Rochester, MN and Benjamin Daxon, MD, Mayo Clinic Rochester, Rochester, MN</i></p>
2:45 pm	3:45 pm	Concurrent Sessions
		<p>A&A Practice Medically Challenging Cases Moderator: <i>David Hao, MD, Massachusetts General Hospital, Boston, MA</i></p> <p>Beware of Sofferman Syndrome: Why Our NORA Patient Needed Emergency Frontal Neck Access in NORA! <i>Victor Silva, MD</i> <i>University of Florida College of Medicine, Gainesville, FL</i></p> <p>A Case of Fiberoptic Bronchoscope Breakage during Double-Lumen Tube Placement <i>Ge Ge Ran, MD, MBA</i> <i>Stanford University, Stanford, CA</i></p> <p>Stevens-Johnson Syndrome Leading to ARDS, Bronchiolitis Obliterans, and Lung Transplantation <i>Frederik Heath, MD, MS, MBA</i></p>



Preliminary Program

	<p><i>Cedars-Sinai Medical Center, Los Angeles, Ca</i></p> <p>A Novel Maternally Inherited Mitochondrial Mutation Associated with Anesthetic Neurotoxicity and Death in a Venezuelan Pediatric Patient <i>Tarun Uppalapati, DO</i> <i>Texas Children's Hospital, Houston, TX</i></p> <p>Liverless but not Lifeless: Managing 48 Hours of Anatomic Anhepatic Time following Primary Non-Function Liver Transplant <i>Bennett Sorensen, MD</i> <i>Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Buprenorphine Metabolism in a Critically Ill Patient Receiving Venovenous Extracorporeal Membrane Oxygenation <i>Aidan Sturgill, BA</i> <i>University of Kentucky College of Medicine, Lexington, KY</i></p>
	<p>Hazardous Attitudes in Anesthesiology: Data and Insights from Medical Simulation, Behavioral Economics, and Aviation Safety Moderator: <i>John Rask, MD, MA, University of New Mexico School of Medicine, Albuquerque, NM</i></p> <p>Hazardous Attitudes Effects on Performance during Simulated Medical Crises: Insights from the IMPACTS Study <i>Huong-Tram Duran, MD</i> <i>Vanderbilt University Medical Center, Nashville, TN</i></p> <p>Hazardous Attitudes as an Impediment to Implementation of Novel Approaches and Best Practices in Anesthesia: A Mixed Methods study <i>Michael Andreae, MD, PhD</i> <i>University of Utah School of Medicine, Salt Lake City, UT</i></p> <p>Are Hazardous Attitudes Always Hazardous? <i>Elizabeth Sinz, MD, Med</i> <i>West Virginia University, Morgantown, WV</i></p>
	<p>A to Z of Adipose Based Chronic Disease: Perioperative Care of the patient suffering from Obesity – Co-Sponsored by The International Society for The Perioperative Care of the Patients with Obesity (ISPCOP) Moderator: <i>Patrick Olomu, MD, Virginia Commonwealth University, Richmond, VA</i></p> <p>Bariatric Anesthesia Literature That Has Changed My Practice <i>Adrian Sultana, MD</i> <i>Macquarie University Hospital, Macquarie Park, Australia</i></p> <p>Beyond BMI: Holistic Perioperative Care of Children Suffering from Overweight/Obesity <i>Olubukola Nafiu, MD, FRCA, MS</i> <i>Montefiore Medical Center, Bronx, NY</i></p>



Preliminary Program

		<p>Optimizing Anesthetic Dosing in Patients with Obesity: Pharmacologic Principles and Practical Tools <i>Joy Chen, MD, FASA, FCCM</i> <i>UT Southwestern Dallas, Dallas, TX</i></p>
		<p>Beyond the Basics: Managing High-Risk and ICU-Level Obstetric Emergencies- Co-Sponsored by The Society for Obstetric Anesthesia and Perinatology (SOAP) and The Society of Critical Care Anesthesiologists (SOCCA) Moderator: <i>David Stahl, MD, Stanford University, Stanford, CA</i></p> <p>Amniotic Fluid Embolism: Rapid Response to a Catastrophic Event <i>Ioannis Angelidis, MD, MSPH</i> <i>University of Pittsburgh Medical Center, Pittsburgh, PA</i></p> <p>Managing Valve Lesions in Pregnancy <i>Monica Lupei, MD</i> <i>University of Minnesota, Minneapolis, MN</i></p> <p>ECMO in Pregnancy: When and How to Initiate <i>Emily Naoum, MD</i> <i>Massachusetts General Hospital, Boston, MA</i></p>
2:45 pm	3:45 pm	<p>Clinical Trials Networks Session Moderators: <i>Ronald Pearl, MD, PhD, Stanford University Medical Center, Stanford, CA; Kimberly Rengel, MD, MSCI, Vanderbilt University Medical Center, Nashville, TN; Jessica Spence, MD, PhD, McMaster University, Toronto, ON, Canada</i></p> <p>Representative from PACT (Canadian Perioperative Anesthesia Clinical Trials) <i>Scott Beattie, PhD, MD, FRCPC, University of Toronto, ON, Canada</i></p> <p>Representative from POMCTN (Perioperative Medicine Clinical Trials Network) <i>Joyce Yeung, PhD, MBChB, FRCA, FFICM, University of Warwick, Coventry, United Kingdom</i></p> <p>Multicenter Perioperative Outcomes Group (MPOG) <i>Allison Janda, MD, University of Michigan, Ann Arbor, MI</i></p>
3:15 pm	4:15 pm	<p>PBLD</p>
		<p>End of Life Discussions in the Perioperative Period <i>Megan Hicks, MD, Atrium Health Wake Forest Baptist, Winston-Salem, NC</i></p>



Preliminary Program

4:00 pm	5:00 pm	<p>Concurrent Sessions</p>
		<p>Stopping Pain Before It Starts: Translating Pain Science into Transitional Pain Services Moderator: <i>Sesh Mudumbai, MD, MS, VA Palo Alto HCS/Stanford University, Stanford, CA</i></p> <p>Inflammation and Neural Plasticity: Why Acute Pain Persists <i>David Clark, MD, PhD</i> <i>VA Palo Alto HCS/Stanford University, Stanford, CA</i></p> <p>Tailoring Regional Anesthesia and Multimodal Analgesia to Psychosocial Risk <i>Kristin Schreiber, MD, PhD</i> <i>Brigham and Women's Hospital/Harvard Medical, Boston, MA</i></p> <p>Managing the High-Risk OUD Patient Within a Transitional Pain Service <i>Hance Clarke, MD, PhD, FRCPC</i> <i>Toronto General Hospital/University of Toronto, Toronto, Canada</i></p>
		<p>Perioperative Drug Choices, What's New? Moderator: <i>Igor Abramovich, MD, PhD, University of California San Francisco, San Francisco, CA</i></p> <p>Nitrous Oxide, is it gone yet? <i>Chanhung Lee, MD, PhD</i> <i>University of California San Francisco, San Francisco, CA</i></p> <p>Remimazolam: From Procedural Sedation to Full Anesthesia Integration <i>Olivier Duranteau, MD, PhD, MSc</i> <i>Université Libre de Bruxelles, Brussels, Belgium</i></p> <p>Ciprofol: What's the Evidence? <i>Felix Borngaesser, MD</i> <i>Carl von Ossietzky University of Oldenburg, Germany</i></p>



Preliminary Program

4:00 pm	5:00 pm	<p>Clinical Trials Roundtable Breakout Session</p> <p>Facilitators: <i>Allison Janda, MD, University of Michigan, Ann Arbor, MI; Douglas Colquhoun, MB ChB, MPH, MSc, University of Michigan, Ann Arbor, MI; Josh Billings, MD, Vanderbilt University, Nashville, TN; Joyce Yeung, PhD, MBChB, FRCA, FFICM, University of Warwick, Coventry, United Kingdom; Scott Beattie, PhD, MD, FRCPC, University of Toronto, ON, Canada; Daniel Mclsaac, MD, University of Ottawa, Ottawa, ON, Canada; Jessica Spence, MD, PhD, McMaster University, Toronto, ON, Canada; Kimberly Rengel, MD, MSCI, Vanderbilt University Medical Center, Nashville, TN; Ronald Pearl, MD, PhD, Stanford University Medical Center, Stanford, CA and Emilie Belley-Côté, MD, PhD, McMaster University, Hamilton, Canada</i></p>
4:30 pm	5:30 pm	<p>PBLD</p>
		<p>Is This Graft Dying? Intraoperative Diagnosis and Rescue Strategies for Early Allograft Dysfunction</p> <p><i>Michael Chen, MD, Stanford University, Stanford, CA</i></p>
4:00 pm	5:00 pm	<p>Alan G. Sieroty APSF/SOCCA Invited Lecture in Patient Safety: Creating Systemic Protections Against Invisible Threats to Perioperative Patient Safety</p> <p><i>Speaker: Randy W. Loftus, MD, Professor of Anesthesiology and Perioperative Medicine, Mayo Clinic, Rochester, MN</i></p>
5:00 pm	6:00 pm	<p>SOCCA Business Meeting</p>
5:15 pm	6:15 pm	<p>Clinical Trials Late-Breaking Session</p> <p>Moderator: <i>Jessica Spence, MD, PhD, McMaster University, Toronto, ON, Canada</i></p> <p>TRACTION Trial <i>Daniel Mclsaac, MD University of Ottawa, Ottawa, ON, Canada</i></p> <p>Volatile vs Total Intravenous Anaesthesia for major non-cardiac surgery (VITAL) trial</p>



Preliminary Program

		<p><i>Joyce Yeung, PhD, MBChB, FRCA, FFICM</i> <i>University of Warwick, Coventry, United Kingdom</i></p> <p>EPOCH</p> <p><i>David Mazer, MD</i> <i>University of Toronto, Toronto, ON, Canada</i></p> <p><i>Risk of Significant New Disability After Major Surgery in Older Adults: Results from the Multicenter FIT After Surgery Study</i></p> <p><i>Duminda Wijesundera, MD</i> <i>St. Michael's Hospital, Toronto, Canada</i></p>
5:45 pm	6:45 pm	PBLD
		<p>Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies</p> <p><i>Lovkesh Arora, MD, MBBS, FASA, E-AEC, University of Iowa Hospitals & Clinics, Iowa City, IA</i></p>
7:00 pm	10:00 pm	Gala Reception

Sunday, May 3, 2026

Start Time	End Time	Session
7:00 am	8:30 am	<p>Plenary Session: Kosaka Best Abstracts</p> <p>Moderators: <i>Daniel McIsaac, MD, University of Ottawa, Ottawa, ON, Canada, Santhanam Suresh, MD, MBA, FASA, Loyola University Medical Center, Maywood, IL and Yasuko Nagasaka, MD, PhD, Tokyo Women's Medical University, Tokyo, Japan</i></p> <p>Projected Clinical Impact and Cost-Effectiveness of Aprepitant for Post-Operative Nausea/Vomiting Prophylaxis <i>Neil Rens, MD</i> <i>Massachusetts General Hospital, Boston, MD</i></p> <p>Intraoperative Respiratory System Compliance Patterns and Postoperative Respiratory Complications: A Hospital Registry Study <i>Aiman Suleiman, MD, MS</i> <i>Montefiore Medical Center, Bronx, NY</i></p> <p>Analgesic efficacy of continuous superficial parasternal intercostal plane blockade in patients undergoing cardiac surgery with median sternotomy: a randomized controlled trial <i>Tim Ting Han Jen, MD, MHSc, FRCPC</i> <i>University of British Columbia, Vancouver, BC, Canada</i></p>



Preliminary Program

		<p>Whole-Brain Single-Cell Resolution Activity Mapping Identifies Mammillary Body Circuit Failure Underlying Aging, Arousal Instability, and Potential Perioperative Cognitive Risk <i>Mitsukuni Yoshida, MD, PhD</i> <i>Washington University in St. Louis School of Medicine, St. Louis, MO</i></p> <p>Altered Microglial–GABAergic Interactions and Npas4 Expression Are Associated With Stage-Dependent Changes in Propofol Sensitivity in 5XFAD Mice <i>Antonello Penna, MD, PhD</i> <i>Universidad de Chile, Santiago, Chile</i></p> <p>APOE4-Mediated Glial Lipid Dysregulation Disrupts Brain Circuitry and Exacerbates Neurological Dysfunction Following Isoflurane Exposure <i>Junfang Wu, PhD</i> <i>University of Maryland School of Medicine, Baltimore, MD</i></p> <p>Safety and Recovery Profile of Patients following Inhalational Anesthesia versus Total Intravenous Anesthesia, with a Focus on Target Controlled Infusion versus Manual Administration: A Systematic Review and Meta-analysis of Randomized Controlled Trials <i>Nicolas Daccache, MD</i> <i>Université de Montréal, Montreal, Canada</i></p> <p>Changes In Intraoperative Rocuronium Vial Utilisation After the Introduction of Sugammadex and Related Financial Implications <i>Luisa Udoh, Medical Student</i> <i>BIDMC, Harvard Medical School, Boston, MA</i></p> <p>Perioperative Effects of CN-105 Treatment on the Cerebrospinal Fluid Proteome <i>Connie Yu, BS</i> <i>Stanford University, Stanford, CA</i></p> <p>Judges Deliberate</p> <p>Winners announced</p>
7:00 am	9:00 pm	Workshops
		<p>Is Extended Reality the Future of Simulation-Based Medical Education in Anesthesia?</p> <p>Moderator: <i>Yuqi Gu, MD, FRCPC, University of Ottawa, Ottawa, ON, Canada</i></p>



Preliminary Program

		Facilitators: <i>Fahad Alam, MD, Sunnybrook Health Sciences Centre; Raman Sohi, MD, FRCPC, University of Ottawa, Ottawa, ON, Canada; Elio Belfiore, MD, FRCPC, University of Ottawa, Ottawa, ON, Canada; Gianluca Bertolizio MD, FRCPC, McGill University, Montreal, QC, Canada; Reva Ramlogan, MD, FRCPA, University of Ottawa, Ottawa, ON, Canada and Omar Idrissi, MD, University of Ottawa, Ottawa, ON</i>
7:45 am	8:45 am	PBLD
		Crisis on Circuit: Emergency Surgery and Multisystem Failure in the ECMO Patient <i>Emuejevoke Chuba, MD, MS, University of Florida, Gainesville, FL</i>
8:30 am	9:00 am	Coffee Break
8:30 am	9:30 am	PBLD
		We Have a Patient with Cardiac Disease in Caseroom, What Do We Do Now? A Practical Approach to Labor and Cesarean Delivery Anesthetic Management in Patients with Cardiac Disease <i>Mohamed Eissa, MD, The Ottawa Hospital, Ottawa, ON, Canada; Juan Morales, MD, The Ottawa Hospital, Ottawa, ON, Canada and Emily Walker, MD, FRCSC, The Ottawa Hospital, Ottawa, ON, Canada</i>
8:30 am	2:30 pm	Workshops
		The Safe Brain Initiative's EEG Bootcamp Moderator: <i>Vanessa Moll, MD, PhD, University of Minnesota, Minneapolis, MN</i> Speakers: <i>Matthias Kreuzer, PhD, Technical University Munich, Munich, Germany; Finn Radtke, MD, PhD, Nykobing, Mors, Denmark; Christian Guay, MD, University of Utah, Salt Lake City, UT; Ulrike Hoffmann, M.D., Ph.D, UT Southwestern, Dallas, TX and Srdjan Dragovic</i>
8:30 am	12:15 pm	Exhibits Open
9:00 am	10:00 am	Concurrent Sessions



Preliminary Program

	<p>Subspecialty Training in Anesthesia: A Stress Test and an Opportunity for Reconditioning – Co-Sponsored by The Society of Academic Associations of Anesthesiology and Perioperative Medicine (SAAAPM)</p> <p>Moderator: <i>Babr Fiza, MD, Emory University, Atlanta, GA</i></p> <p>What Happened to Fellowships? Recent Trends and Current States <i>Allison Dalton, MD</i> <i>The University of Chicago, Chicago, IL</i></p> <p>Innovating Innovations: Enhancing Research Today <i>Peter Klock Jr., MD</i> <i>University of Chicago, Chicago, IL</i></p> <p>Time to Pivot: Strategies to Optimize Subspecialty Staffing <i>Jeffrey Berger, MD, MBA</i> <i>The George Washington University, Washington, DC</i></p>
	<p>Transitions in Consciousness: Current Insights from the Anesthetized State – Co-Sponsored by The Society for Neuroscience in Anesthesiology and Critical Care (SNACC)</p> <p>Moderator: <i>Ken Solt, MD, Massachusetts General Hospital, Boston, MA</i></p> <p>Extracting the Signal from the Noise: Separating Changes in Consciousness from Pharmacologic Effects <i>Andrew McKinstry-Wu, MD</i> <i>University of Pennsylvania, Philadelphia, PA</i></p> <p>From Sedation to Stimulation: Exploring Propofol’s Role in Prognostication and Recovery in Coma and Disorders of Consciousness <i>Catherine Duclos, PhD</i> <i>Universite de Montreal, Montreal, QC, Canada</i></p> <p>Unveiling Arousal States through Motor Behavior: Analysis of Premotor Cortices Dynamics During Reflexive and Volitional Behaviors <i>Diany Paola Calderon, MD, PhD</i> <i>Weill Cornell Medical College, New York, NY</i></p>
	<p>How to have an Average (mediocre) Career in Academic Anesthesiology</p> <p>Moderator: <i>Vidya T. Raman, MD, MBA, FASA, FAAP, Cincinnati Children’s Hospital, Cincinnati, OH and Patrick Olomu, MD, Virginia Commonwealth University, Richmond, VA</i></p> <p>How to have an Average Career in Academic Anesthesiology <i>Olubukola Nafiu, MD, MS</i> <i>Montefiore Einstein College of Medicine, Bronx, NY</i></p>



Preliminary Program

		<p>How To Have a Lame Residency Training career <i>Sujatha Ramachandran</i> <i>Montefiore Einstein College of Medicine, Bronx, NY</i></p>
		<p>At the Crossroads: Reimagining Critical Care Billing and Identity in Anesthesiology- Co-Sponsored by The Society of Critical Care Anesthesiologists (SOCCA) Moderator: <i>Michael Nurok, MBChB, PhD, Cedars-Sinai Medical Center, Los Angeles, CA</i></p> <p>Reclaiming Relevance: Advocating for Critical Care Within Anesthesiology’s House <i>Gozde Demiralp, MD, FCCM</i> <i>University of Wisconsin, Madison, WI</i></p> <p>Surviving The Squeeze: Institutional Pressures on Critical Care Anesthesiologists <i>Michael Nurok, MBChB, PhD</i> <i>Cedars-Sinai Medical Center, Los Angeles, CA</i></p> <p>Breaking The Mold: A Case for Independent Critical Care Departments <i>Robert Groff, MD</i> <i>Emory University, School of Medicine, Atlanta, GA</i></p>
9:30 am	12:00 pm	Workshops
		<p>Writing Your Manuscript for A&A: What Do Our Editors Expect?</p> <p><i>Workshop Facilitators: Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK; Charles Emala, MD, MS, Columbia University, New York, NY; Amanda Kleiman, MD, University of Virginia Health, Charlottesville, VA; Elizabeth Whitlock, MD, MS, UCSF Health, San Francisco, CA; Girish Joshi, MBBS, MD, FFARCSI, University of Texas Southwestern, Dallas, TX; Adam Milam, MD, PhD, Mayo Clinic, Phoenix, AZ and Daniel Saddawi-Konefka, MD, MBA, Massachusetts General Hospital, Boston, MA</i></p>
10:00 am	11:00 am	Poster Session E
		<p>Mini-Oral Presentations E Moderator: <i>Wei Gona Gao, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD</i></p> <p>After sugammadex, does monitoring even matter? Neuromuscular monitoring quality metrics are associated with a postoperative pulmonary outcome bundle in a retrospective analysis of an academic single center observational cohort in the Multice <i>Michael Andreae, MD, PhD</i> <i>University of Utah, Salt Lake City, UT</i></p>



Preliminary Program

		<p>Effectiveness of intravenous lidocaine on patient-centered outcomes in surgical patients: a systematic review and meta-analysis of randomized controlled trials <i>Marc-Antoine Blais, MD</i> <i>Université Laval, Saint-Augustin-de-Desmaures, Canada</i></p> <p>Large-scale evaluation of five large language models in anesthesia decision-making for hip fracture surgery <i>Robert Chen, PhD</i> <i>Icahn School of Medicine at Mount Sinai, New York, NY</i></p> <p>Development of a Prediction Model for a Newly Standardized CMS Failure to Rescue Outcome After Surgery and Other Procedure <i>Lorenz Dröge, MD</i> <i>Albert Einstein College of Medicine, Bronx, NY</i></p> <p>Moving Beyond Pain Scores to Improve Perioperative Equity <i>Monnique Johnson, MD</i> <i>University Hospitals Cleveland Medical Center, Cleveland, OH</i></p> <p>Comparison of Postoperative Analgesic Effectiveness of Bupivacaine and Bupivacaine Plus Dexmedetomidine Wound Infiltration in Abdominal Surgeries under General Anesthesia <i>Ahmad Riaz, MD</i> <i>DHQ Teaching Hospital, Sahiwal, Sahiwal, Pakistan</i></p> <p>Flavin Mononucleotide: an early biomarker of acute asthma exacerbation <i>Elizabeth Townsend, MD, PhD</i> <i>University of Wisconsin School of Medicine and Public Health, Madison, WI</i></p> <p>Impact of Intraoperative Blood Pressure Components on Postoperative AKI: A Phenotype-Stratified Analysis <i>Youran Wang, MD</i> <i>Southeast University Zhongda Hospital, Nanjing, China</i></p>
		PBLD
10:15 am	11:15 am	<p>Heartbeats & High Stakes: Understanding Pediatric Pulmonary Hypertension</p> <p><i>Jeremy Deer, MD, Cincinnati Children's Hospital, Cincinnati, OH</i></p>
11:00 am	12:00 pm	Concurrent Sessions



Preliminary Program

	<p>Point and Counterpoint: The Brain in Balance: Can Anesthetic Dose Influence Delirium Risk?</p> <p>Moderator: <i>Roman Schumann, MD, VA Boston Healthcare System, Boston, MA</i></p> <p>Long-term Outcomes of Perioperative Delirium and Neurocognitive Disorders in Older Adults <i>Meredith Miller, MD, PhD</i> <i>VA Boston Healthcare System, Boston, MA</i></p> <p>Point: Raw EEG-Guided Anesthesia Dosing Significantly Reduces MAC Requirements and Burst Suppression which Decreases Postoperative Delirium <i>Houman Amirfarzan, MD</i> <i>VA Boston Healthcare System, Boston, MA</i></p> <p>Counterpoint: Clinical Trials Demonstrate No Major Benefit of EEG Burst Suppression Minimization on Postoperative Delirium and Neurocognitive Disorders <i>Miles Berger, MD, PhD</i> <i>Stanford University, Stanford, CA</i></p>
	<p>Sequencing-Based Technologies for Precision Anaesthesia Care</p> <p>Moderator: <i>Oluwaseun Johnson-Akeju, MD, Massachusetts General Hospital, Boston, MA</i></p> <p>Using Transcriptomic Methods to Define Inflammatory Profiles to Inform Anaesthesia Care <i>Ang Cui, PhD</i> <i>Massachusetts General Hospital, Boston, MA</i></p> <p>Using CRISPR for Anaesthesia care <i>Alexandar Perez, MD, PhD</i> <i>University of California, San Francisco, San Francisco, CA</i></p> <p>Emerging applications of sequencing technologies in vascular and lymphatic biology <i>Katarina Ruscic, MD, PhD</i> <i>Massachusetts General Hospital, Boston, MA</i></p>
	<p>Attracting Young Talent: Modern Tools for Recruiting Innovators</p> <p>Moderator: <i>Mada Helou, MD, University Hospitals Cleveland, Cleveland, OH</i></p> <p>Presentation Title TBD <i>Heather McFarland</i></p> <p>Presentation title TBD <i>Coridalia, MD</i> <i>UMass Memorial Health, Worcester, MA</i></p> <p>Presentation title TBD <i>Laurent Anwar Del Angel Diaz, MD</i> <i>University Hospitals Cleveland, Cleveland, OH</i></p>



Preliminary Program

		<p>Regional Analgesia in the Intensive Care Unit: Undervalued Asset or Overrated? Moderator: <i>Ronald W. Pauldine, MD, University of Washington Medical Center, Seattle, WA</i></p> <p>Applications of Regional Anesthesia for Skin Graft Donor Sites and Enzymatic Debridement in Burn Patients <i>Anwar Alinani, MBBS</i> <i>University of Washington, Seattle, WA</i></p> <p>Controversies and Innovations in Pain Management for Chest Wall Trauma <i>Paul Bhalla, MBChB</i> <i>University of Washington, Seattle, WA</i></p> <p>Sympathetic Nerve Blocks in the ICU: Precision Interventions for Complex Critical Care Syndromes <i>Vijay Krishnamoorthy, MD, MPH, PhD</i> <i>Duke University, Durham, NC</i></p>
11:30 am	12:30 pm	PBLD
		<p>Parkinson's in the OR: Freezing, Falling, and Facing the Unexpected <i>Nomita Bhawal, MD, Quinnipiac University, Hamden, CT</i></p>
12:00 pm	12:15 pm	Coffee Break
12:15 pm	2:15 pm	<p>A&A Closing Plenary: Academic & Scientific Integrity: Threats & Challenges to Research</p> <p>Moderator: <i>Jaideep Pandit, MA, BM, DPhil, FRCA, FFPMRCA, DM, University of Oxford, Oxford, UK</i></p> <p>Speakers: Dr. Valda Vinson Executive Editor, <i>Science Journals</i></p> <p>Adam Marcus Co-Founder, Retraction Watch Editorial Director, Primary Care, Medscape Editorial Director, The Center for Scientific Integrity</p> <p>Dr. James Rathmell Editor-in-Chief, <i>Anesthesiology</i></p>



Preliminary Program

12:45 pm	1:45 pm	PBLD
		<p>Bloody Complicated: Navigating ECMO in Adults with Congenital Heart Disease</p> <p><i>Christina Hayhurst, MD, Vanderbilt University Medical Center, Nashville, TN and Christina Jelly, MD, MS, Vanderbilt University Medical Center, Nashville, TN</i></p>