

# SOCIETY OF CRITICAL CARE ANESTHESIOLOGISTS

## ANNUAL MEETING 2023



April 14-15, 2023  
Final Program

### Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the International Anesthesia Research Society and the Society of Critical Care Anesthesiologists (SOCCA). The International Anesthesia Research Society is accredited by the ACCME to provide continuing medical education for physicians.

### Credit Designation Statement

The IARS designates this Live Activity for a maximum of 8.75 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Maintenance Of Certification in Anesthesiology (MOCA®)

The SOCCA 2023 Annual meeting offers up to 8.75 MOCA points, of which 3 points contribute the patient safety CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology<sup>™</sup> (MOCA®) program, known as MOCA 2.0®.

Disclosures and additional CME information is available here: <https://meetings.iars.org/general-information/cme/>



Sessions approved for ABA MOCA 2.0® Patient Safety CME credit.

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### Thursday, April 13, 2023

#### **SOCCA Women in Critical Care Meetup and SOCCA Early Career Group Networking Event**

7:00 pm – 9:00 pm MT

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Room Location: Hotel Lobby Bar

Friday, April 14, 2023

### Introductions from the BOD President & Education Committee Co-Chairs

7:00 – 7:05 am MT

Room Location: Mineral D-G, Level 3

*Michael H Wall MD, FASA, FCCM, University of Minnesota, Minneapolis, MN, SOCCA President*  
*Allison Dalton, MD, University of Chicago, Chicago, IL, SOCCA Education Committee Co-Chair*  
*Kunal Karamchandani, MD, UT Southwestern Medical Center, Dallas, TX, SOCCA Education Committee Co-Chair*

### Education Session I: Current Controversies in Critical Care: Challenging the Dogma

7:05 – 8:00 am MT

Room Location: Mineral D-G, Level 3

*Moderator: Hannah Wunsch, MD, MSc, University of Toronto, Toronto, ON, Canada*

7:05 am – 7:20 am	Is Analgesia First Strategy Right for ICU Sedation? <i>Kunal Karamchandani, MD</i> <i>UT Southwestern Medical Center, Dallas, TX</i>
7:20 am – 7:35 am	Blood Pressure Targets in the ICU, Striving for the Right Answer <i>Ashish K. Khanna, MD, MS, FCCP, FCCM, FASA</i> <i>Wake Forest School of Medicine, Winston-Salem, NC</i>
7:35 am – 7:50 am	Does Timing of Initiation of RRT Matter in Sepsis Related AKI? <i>Talia Ben-Jacob, MD, MS</i> <i>Cooper University Hospital, Camden, NJ</i>
7:50 am – 8:00 am	Moderated Discussion and Q&A

### Breakfast with Exhibits

8:00 – 8:30 am MT

Room Location: Centennial Foyer, Level 3

### Oral Scientific Abstract Session

8:30 – 9:30 am MT

Room Location: Mineral D-G, Level 3

*Moderator: Marcos Lopez, MD, Vanderbilt University Medical Center, Nashville, TN*

8:30 am – 8:40 am	Lung entropic hysteresis: The concept of retained energy in mechanically ventilated ARDS Patients
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*Aiman Suleiman, MD, MSc*  
*Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA*

8:40 am – 8:50 am      The influence of intraoperative opioid administration on postoperative pain and opioid requirements.  
*Laura A. Santa Cruz Mercado, MD*  
*Beth Israel Deaconess Medical Center, Boston, MA*

8:50 am – 9:00 am      Evaluating Speech and Language in The Post-Anesthesia Care Unit; Implications for Perioperative Neurocognitive Disorders  
*Meah Ahmed, BS Biomedical Engineering*  
*Columbia University Irving Medical Center, New York, NY*

9:00 am – 9:10 am      Erythropoietin With and Without Iron Therapy for Perioperative Anemia in Cardiac Surgery: a Systematic Review and Network Meta-analysis  
*Flora Wen Xin Xu, MBBS*  
*National University of Singapore, Singapore, Singapore*

9:10 am – 9:20 am      Determinants of Professional Fulfillment and Burnout Among Intensivists: A National Survey by the Society of Critical Care Anesthesiologists in 2022  
*Shahla Siddiqui, MD, MS, FCCM*  
*Beth Israel Deaconess Medical Center, Boston, MA*

9:20 am – 9:30 am      An Integrated Multi-Omic Analysis for Delirium Biomarkers: Towards Definitive Case Identification after Cardiopulmonary Bypass  
*Kwame Wiredu, MD, PhD*  
*Massachusetts General Hospital, Boston, MA*

### Moderated Poster Session D

9:30 am – 10:30 am MT

Room Location: Centennial A-D, Level 3

### Break with Exhibits and Poster Viewing

10:30 am – 11:00 am MT

Room Location: Centennial Foyer, Level 3

### Education Session II: The Crossroads of Hematology and Intensive Care Medicine

11:00 am – 12:00 pm MT

Room Location: Mineral D-G, Level 3

Moderator: *Ian J. Welsby, MBBS, Duke University Medical Center, Durham, NC*

11:00 am – 11:15 am      The Role of Transfusion Algorithms and Factor Concentrates in the ICU  
*Srekanth Cheruku, MD, MPH, UT Southwestern Medical Center, Dallas, TX*

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- 11:15 am – 11:30 am Does it Work to Reverse DOACs if My Hospital Does not have Specific Reversal Agents?  
*Kamrouz Ghadimi, MD, MHS, Duke University Medical Center, Durham, NC*
- 11:30 am – 11:45 am Do I Always Need to Anticoagulate My ECMO Patient?  
*Ingrid Moreno Duarte, MD, UT Southwestern Medical Center, Dallas, TX*
- 11:45 am – 12:00 pm Q&A

### Lunch on Own

12:00 pm – 1:00 pm MT

### Lifetime Achievement Award and Young Investigator Award Presentations

1:00 pm – 2:00 pm MT

Room Location: Mineral D-G, Level 3

Moderator: *Emily Vail, MD, MSc, University of Pennsylvania, Philadelphia, PA*

- 1:00 pm – 1:05 pm Lifetime Achievement Award Introduction
- 1:05 pm – 1:20 pm Lifetime Achievement Award Presentation  
*Daniel R. Brown, MD, PhD, FCCM*  
*Mayo Clinic, Rochester, MN*
- 1:20 pm – 1:25 pm Q&A
- 1:25 pm – 1:32 pm Young Investigator Presentation #1 – Winner  
*Tissue-protective and immunomodulatory functions of mature B cells in a murine model of hyperoxic lung injury*  
*Dusan Hanidziar, MD, PhD*  
*Massachusetts General Hospital, Boston, MA*
- 1:32 pm – 1:35 pm Q&A
- 1:35 pm – 1:42 pm Young Investigator Presentation #2 - 1<sup>st</sup> Runner Up  
*Outcomes with Single-Site Dual Lumen versus Multisite Cannulation for Adults with COVID-19 Respiratory Failure Receiving Venovenous Extracorporeal Membrane Oxygenation*  
*Andres De Lima, MD*  
*Beth Israel Deaconess Medical Center, Boston, MA*
- 1:42 pm – 1:45 pm Q&A
- 1:45 pm – 1:52 pm Young Investigator Presentation #3 – 2<sup>nd</sup> Runner Up



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*The Relationship Between Cumulative Fluid Balance on Day of ICU Discharge and Cardiac Surgery Outcomes*  
George Gill, MD  
Cedars-Sinai Medical Center, Los Angeles, CA

1:52 pm – 1:55 pm Q&A

### Break with Exhibits

2:00 pm – 2:25 pm MT  
Room Location: Centennial Foyer, Level 3

### 70 Years Later: The Copenhagen Polio Epidemic of 1952 and the Birth of Intensive Care

2:25 pm – 2:30 pm MT  
Room Location: Mineral D-G, Level 3

*Hannah Wunsch, MD, MSc, University of Toronto, Toronto, ON, Canada*

### Education Session III: The Transplant Anesthesiologist as a Perioperative Physician

2:30 pm – 3:30 pm MT  
Room Location: Mineral D-G, Level 3  
Moderator: Gebhard Wagener, MD, Columbia University Medical Center, New York, NY

2:30 pm – 2:45 pm PreOP Assessment, Frailty and Pre-habilitation for Solid Organ Transplants  
*Christine T. Nguyen-Buckley, MD, UCLA Health, Los Angeles, CA*

2:45 pm – 3:00 pm Graft Failure After Heart Transplant in the Operating Room and Beyond  
*Amit Bardia, MBBS, Massachusetts General Hospital, Boston, MA*

3:00 pm – 3:15 pm To ECMO or not to ECMO: Mechanical Device Support During and After Lung Transplant  
*Andrea Miltiades, MD, Columbia University, New York, NY*

3:15 pm – 3:30 pm Q&A

### Break with Exhibits

3:30 pm – 4:00 pm MT  
Room Location: Centennial Foyer, Level 3

### Moderated Poster Session F

4:00 pm – 5:00 pm MT  
Room Location: Centennial A-D, Level 3

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### Innovator's Award

5:00 pm – 5:15 pm MT

Room Location: Mineral D-G, Level 3

*Moderators: Mark E. Nunnally, MD, FCCM, NYU School of Medicine, New York, NY and Michael H Wall MD, FASA, FCCM, University of Minnesota, Minneapolis, MN*

*2023 Award Winner: Robert Thiele, MD*

### Education Session IV: Recovery Beyond ICU Stay: The Next Frontier

5:15 – 6:15 pm MT

Room Location: Mineral D-G, Level 3

*Moderator: Christopher Hughes, MD, Vanderbilt University Medical Center, Nashville, TN*

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|-------------------|--|
| 5:15 pm – 5:30 pm | So You Survived the ICU Stay: Now What? PICS, its Implications on Survivors, Families and Healthcare Systems<br><i>Joy L. Chen, MD, UT Southwestern Medical Center, Dallas, TX</i> |
| 5:30 pm – 5:45 pm | Road to Recovery After Critical Illness: Where do We Stand?<br><i>Somnath Bose, MD, MPH, Beth Israel Deaconess, Boston, MA</i>   |
| 5:45 pm – 6:00 pm | Future Roadmap of Recovery After Critical Illness<br><i>Christina S. Boncyk, MD, Vanderbilt University Medical Center, Nashville, TN</i>   |
| 6:00 pm – 6:15 pm | Q&A  |

### Closing Remarks

6:15 pm – 6:20 pm MT

Room Location: Mineral D-G, Level 3

*Allison Dalton, MD, University of Chicago, Chicago, IL, SOCCA Education Committee Co-Chair*  
*Kunal Karamchandani, MD, UT Southwestern Medical Center, Dallas, TX, SOCCA Education Committee Co-Chair*

### SOCCA Business Meeting and ASA Update

6:30 pm – 7:30 pm MT

Room Location: Mineral D-G, Level 3

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|--------------------|---|
| 6:30 pm – 6:35 pm. | Welcome   |
| 6:35 pm – 6:50 pm  | ASA Update<br><i>Ronald Harter, ASA President-Elect</i> |

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**Aligned Session with IARS, AUA and SOCCA: *Anesthesia & Analgesia* Sponsored Journal Symposium: Moving the Needle: Strategies for Reducing Healthcare Disparities and Increasing Health Equity**

6:30 pm – 7:30 pm MT

Room Location: Centennial E-H, Level 3

**Welcome Reception with IARS, AUA and SOCCA**

7:30 pm – 9:30 pm MT

Room Location: Centennial Foyer, Level 3

Saturday, April 15, 2023

**IARS, AUA and SOCCA Aligned Meeting Day**



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