

2025 Inaugural

GREEN ICU CONFERENCE

**The Green ICU Initiative:
Sustainability in Health Care
for a Healthier Future**

HOUSTON
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LEADING MEDICINE



2025 Inaugural Green ICU Conference

**Scan the QR code
to view the program**



Agenda

8–8:30 a.m.	Arrival & Networking <ul style="list-style-type: none">• Light breakfast and coffee• Introductions
8:30–8:45 a.m.	Welcome & Meeting Objectives Opening remarks by Faisal Masud, MD
8:45–9:45 a.m.	Session 1 Presentation & Panel Jan De Waele, MD, PhD Topic: Shades of Green: Establishing Sustainability in an ICU Panel: Megan Gooch, MD; Lilit Sargsyan, MD
9:45–10 a.m.	Coffee Break & Networking
10–10:15 a.m.	Abstract Viewing
10:15–10:30 a.m.	SCCM Task Force Message Michele Domico, MD, FCCM Topic: The SCCM Sustainability Task Force: From Inception to Future Plans
10:30–11:30 a.m.	Session 2 Presentation & Panel Houston Methodist Office of Sustainability Topic: Houston We Have a Vision: What If We Led Together? Reimagining Health Care Through a Shared Sustainability Vision Panel: Daniel Mahoney, MD; Rock Morille, PE, MBA; Coral Lozada, PhD; Jason Fischer, MBA Moderator: Hardeep Singh, MD
11:30 a.m. – 12:30 p.m.	Lunch Break
12:30–1:30 p.m.	Session 3 Presentation & Panel Heather Baid BSN, PGCHSCE, PGCert, MSc, PhD Topic: UK National Strategy: Recipe Book and Gloves Off Campaign Panel: Alisha Estay, MSN, RN; Mani Padmanabhan, MSN, RN, CCRN
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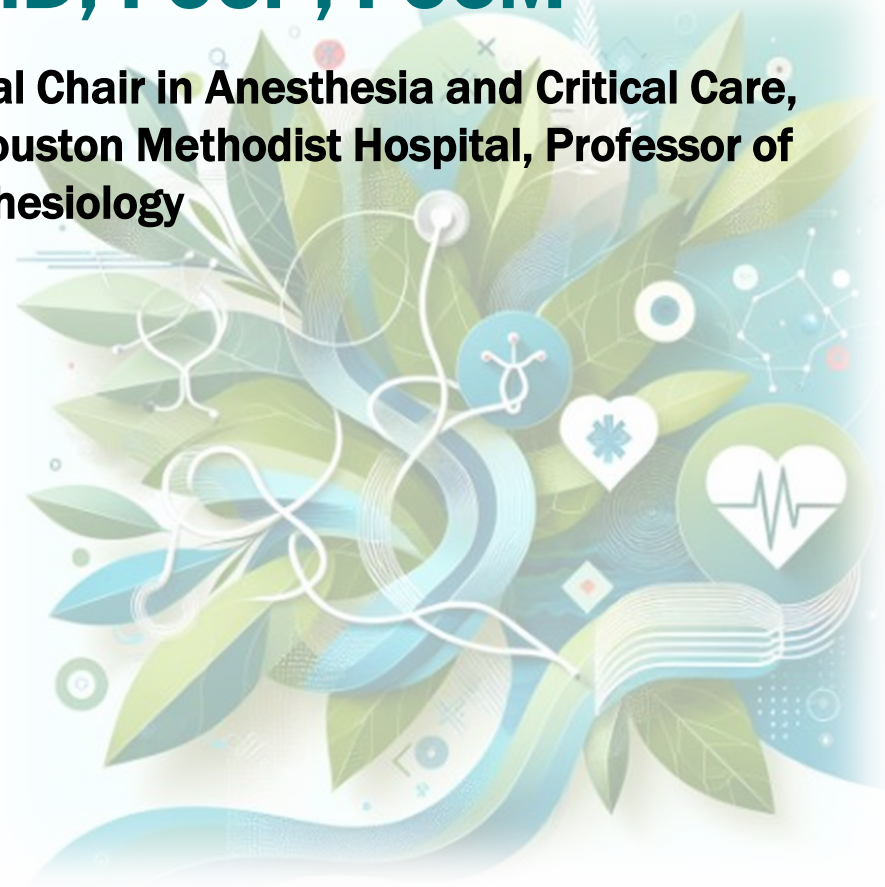
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Meet our Course Director

Faisal N. Masud, MD, FCCP, FCCM

**Mary A. and M. Samuel Daffin, Sr. Centennial Chair in Anesthesia and Critical Care,
Medical Director, Center for Critical Care, Houston Methodist Hospital, Professor of
Clinical Anesthesiology**



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Doing Our Part

The Houston Methodist Office of Sustainability wants to ensure today's event continues to align with our mission.



Virtual Attendance

Reducing in-person greenhouse gas emissions while still effectively connecting around our global cause



Food Waste

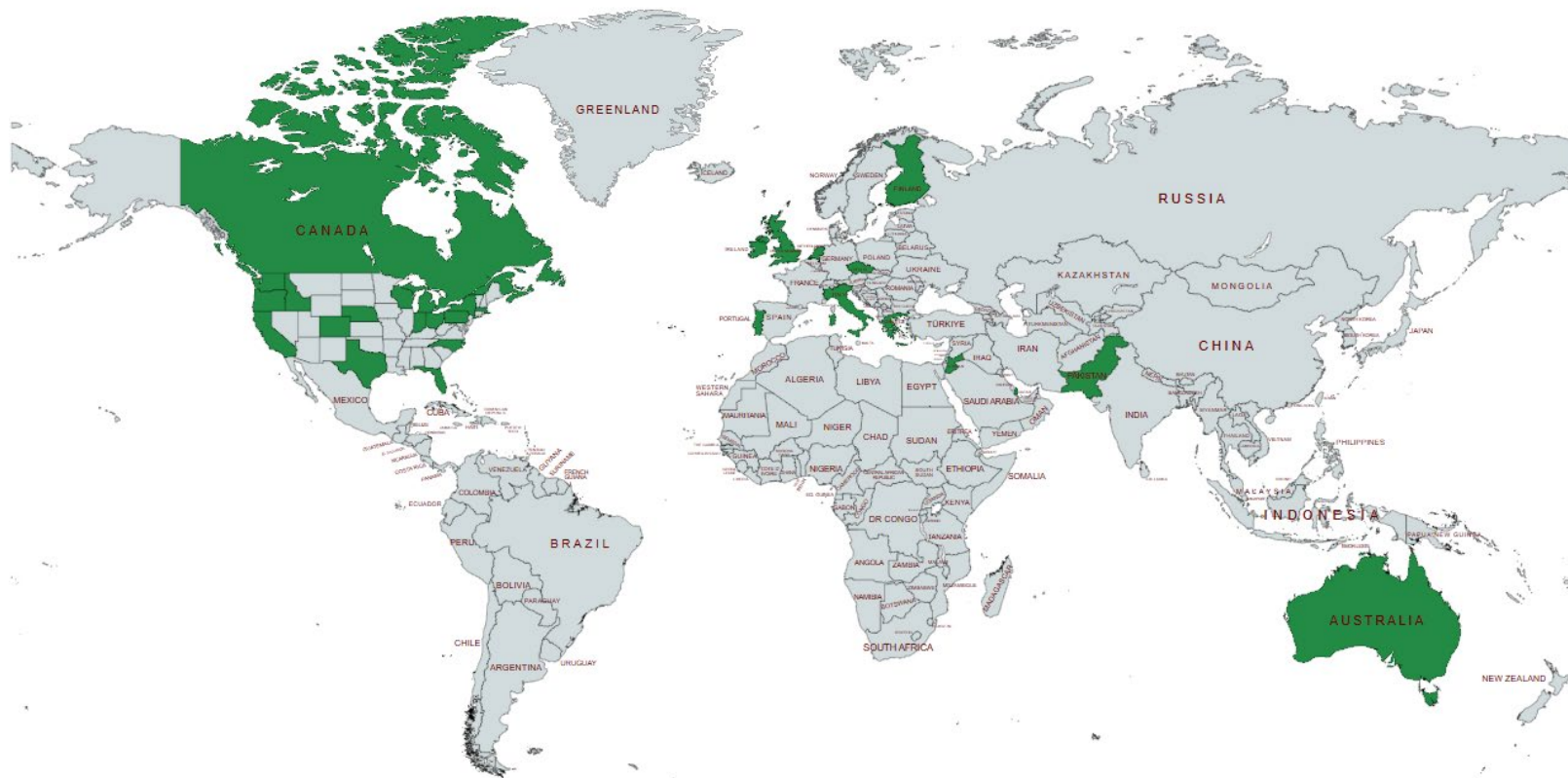
We are diverting food waste and utilizing compostable materials for food service by working with Moonshot Composting for today's event



Learning

We will conduct research to determine impact of emissions on a spent basis for our inaugural conference utilizing the expenditure & cost factor of today's event.

Green ICU Conference Attendees



International registrations: Pakistan, Jordan, UK, Portugal, Greece, Ireland, Qatar, Netherlands, Italy, Australia, Czech Republic, Canada, Finland

U.S. registrations: Texas, Nebraska, Wisconsin, Florida, North Carolina, California, Oregon, Colorado, Pennsylvania, Massachusetts, New York, Idaho, Ohio, Washington, Michigan, Indiana



Joint Statement on Environmental Sustainability in Critical Care

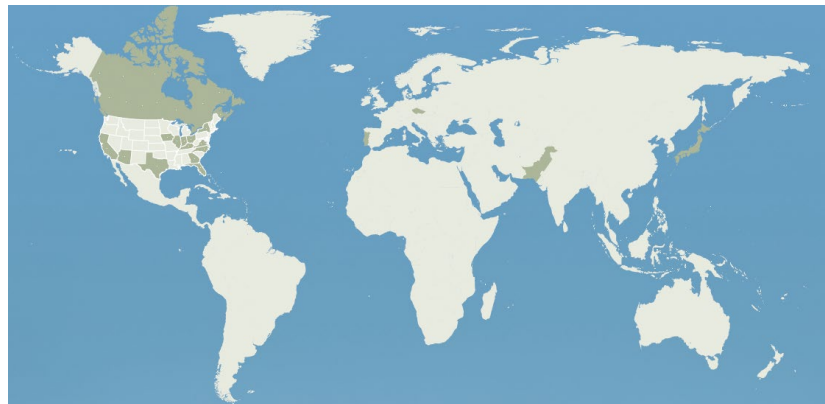
Environmental factors exert substantial influence in determining the quality of human health and wellbeing, underscored by the imminent and pressing effects of global climate change.

The healthcare sector, even while dedicated to protecting and promoting human health, contributes a significant portion to greenhouse gas emissions.

Intensive care units (ICUs) are a key resource-intensive component of the healthcare setting with a significant carbon footprint.

Through the principles of recycling, reducing, and rethinking, the environmental impact of ICUs can be modified (without detriment to patient safety and quality) to mitigate the effect of greenhouse gas emissions to create sustainable (Green) critical care operations.

We, as leaders in intensive care, resolve to uphold: (a) a shared vision for a *Green Intensive Care* focus worldwide; (b) a high standard for sustainable practices in our intensive care units; and (c) efforts to promote the importance of sustainable critical care practices through impactful initiatives, advocacy, education, and training. The views expressed in this joint statement may not reflect the official position or stance of our organization.



Green ICU Joint Statement

52 responses representing:

- 6 countries (USA, Canada, Japan, Portugal, Czechia, Pakistan)
- 13 states (Texas, N Carolina, Florida, Indiana, Ohio, Virginia, Kentucky, New York, Illinois, Arizona, California, Georgia, Iowa)
- 29 institutions

Join the movement & sign up!



Moments Matter

The Bright Side: Earth's ozone layer is healing thanks to international action, UN says

"This achievement reminds us that when nations heed the warnings of [science](#), progress is possible." Antonio Guterres

<https://www.france24.com/en/author/france-24/>

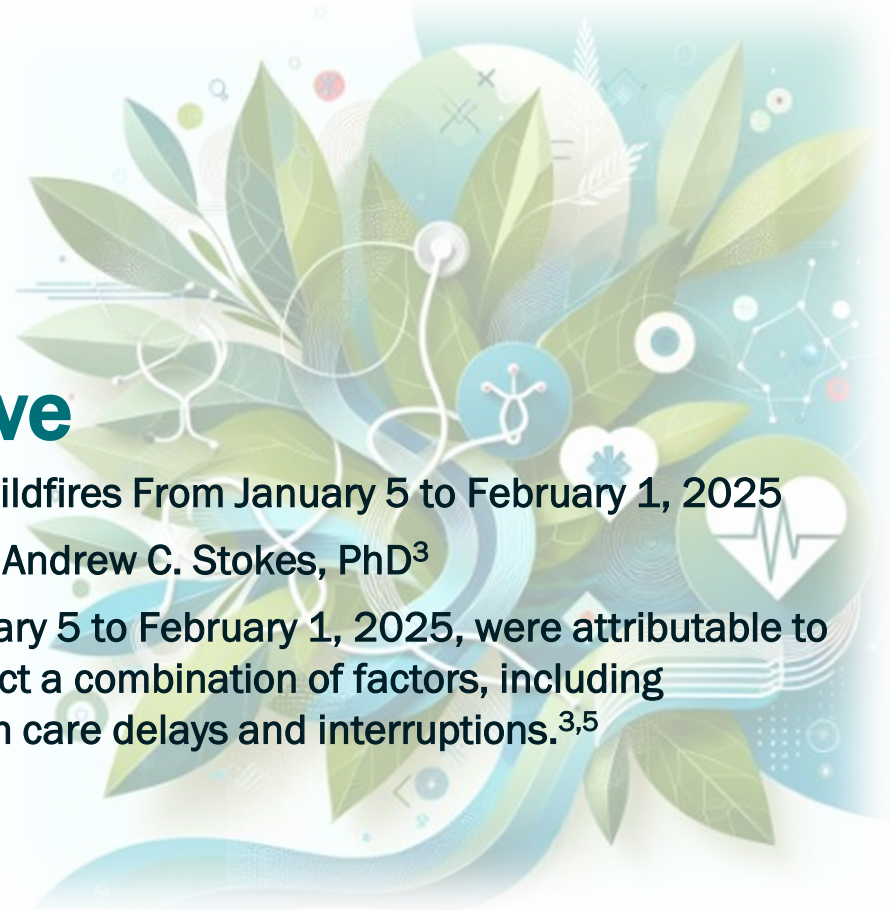


Why do all of this ?

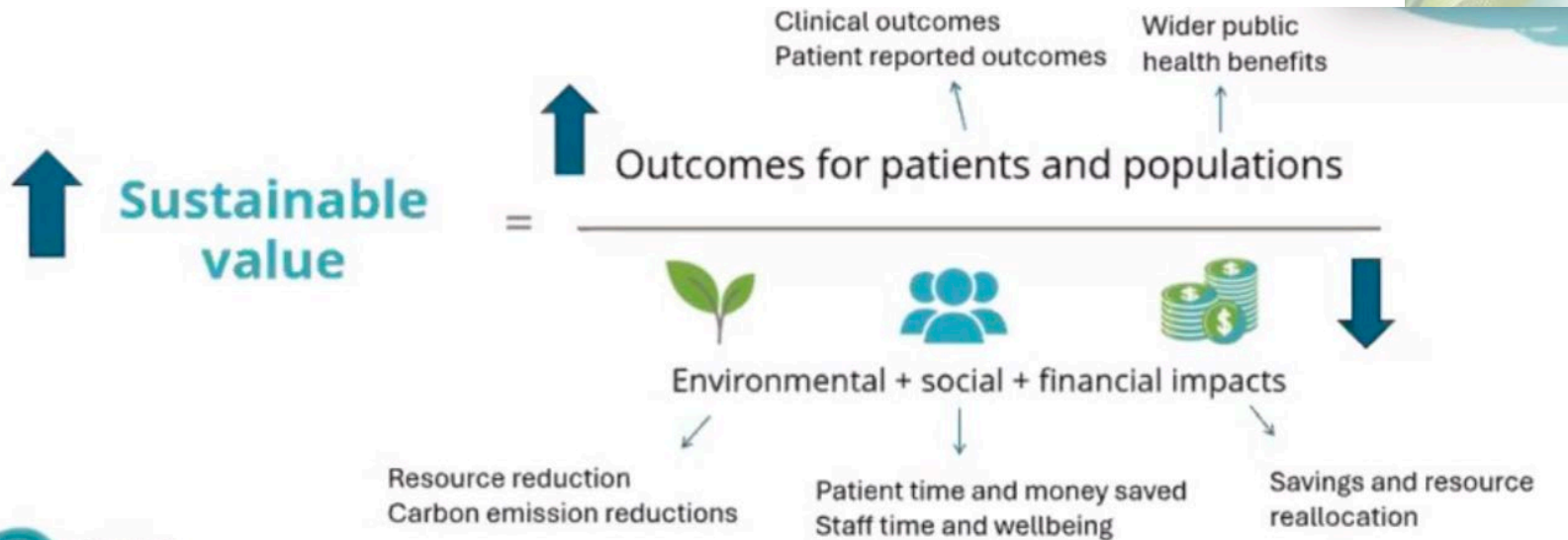
First do No Harm

Its all about Patients & The Communities We Serve

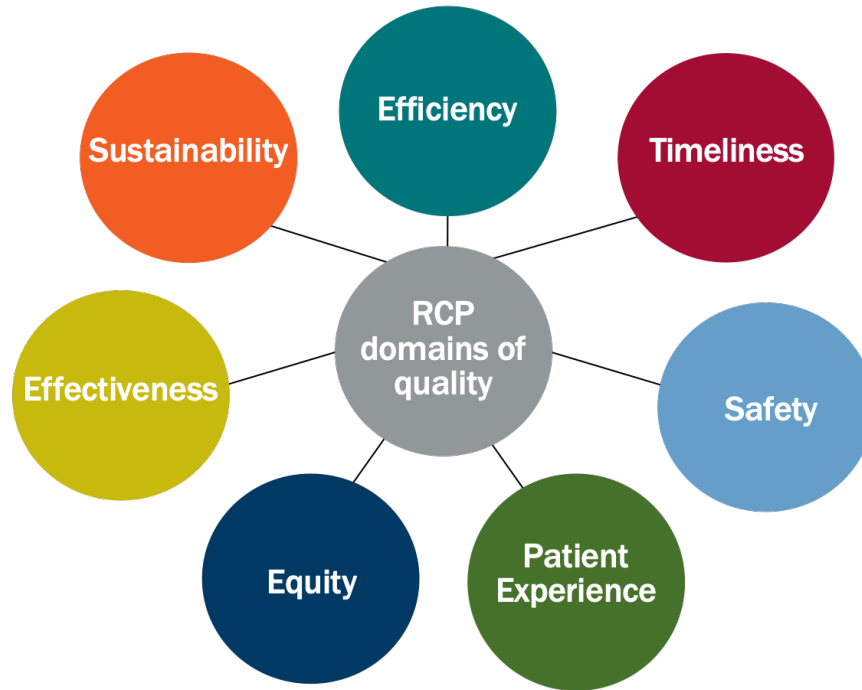
- Excess Deaths Attributable to the Los Angeles Wildfires From January 5 to February 1, 2025
- Eugenio Paglino, PhD^{1,2}, Rafeya V. Raquib, MS³, Andrew C. Stokes, PhD³
- This study estimates that 440 deaths from January 5 to February 1, 2025, were attributable to the wildfires. These additional deaths likely reflect a combination of factors, including increased exposure to poor air quality and health care delays and interruptions.^{3,5}



Quality is not enough – we need to improve value



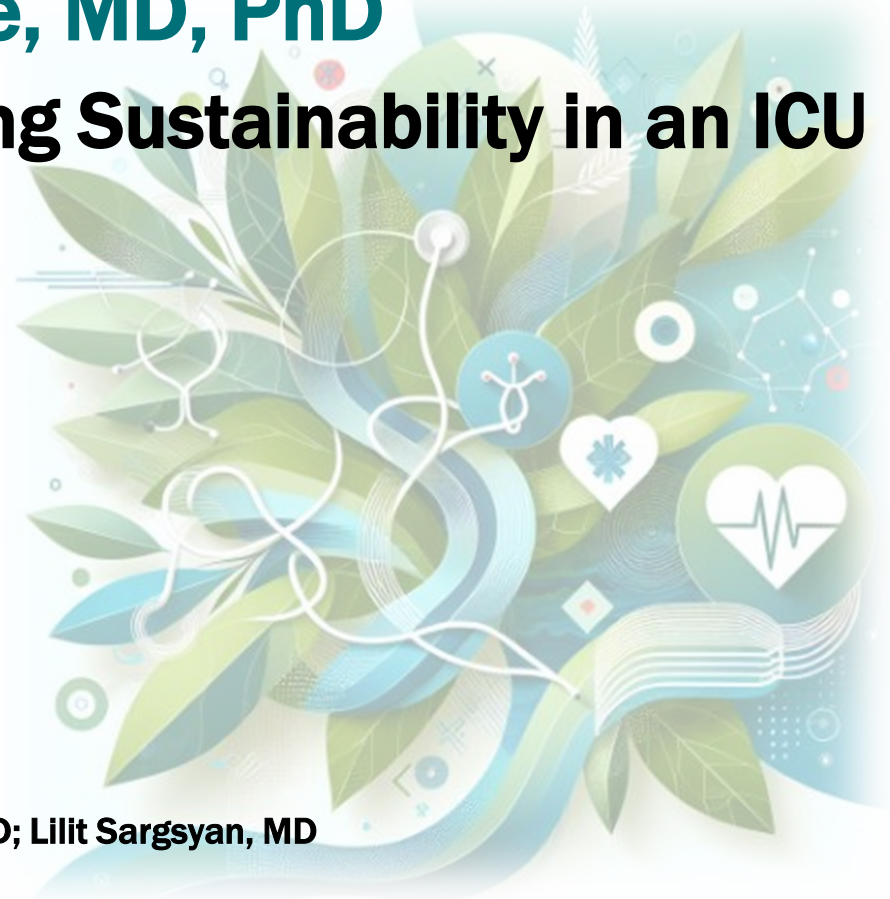
The Need for Sustainability as a Mainstream Part of Quality Improvement



Session 1

Jan De Waele, MD, PhD

Shades of Green: Establishing Sustainability in an ICU



Networking & Abstract Viewing

9:45 – 10:15 a.m.

Scan the QR code to see
submitted abstracts



**We gratefully acknowledge the following companies
for their support for this activity:**

Exhibitors

AOP Health

Johnson Controls

Innoviva

Medical Bridges

Medline

Meiko Clean Solutions

Merck

Teleflex

In-Kind Support

Moonshot



ACCREDITATION AND DESIGNATION STATEMENTS

Physicians

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 4 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Center for Critical Care presents

**International Symposium on
Advances in Critical Care Medicine**

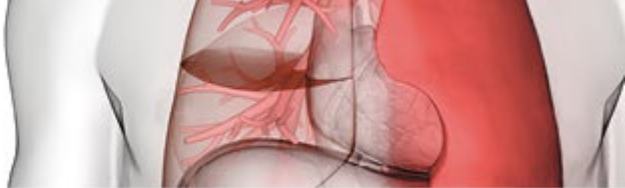
Innovating for Impact:
Precision and Personalization in Critical
Care

SAVE-THE-DATES: HYBRID SYMPOSIUM
Friday, April 17 & Saturday, April 18,

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2026 INTERNATIONAL SYMPOSIUM ON ADVANCES IN CRITICAL CARE MEDICINE (ISAC)



Please join us on April 17th & April 18th 2026 to interact with local, national and international renowned experts and learn about the latest advances in critical care medicine.

ISAC 2026 advances critical care beyond one-size-fits-all by utilizing dynamic physiologic data, advanced patient monitoring, and analytics with the goal to deliver the right intervention to the right patient at the right time: *Precision and Personalization in Critical Care*. Because critical illness is systemic, precision demands collaboration across pulmonary/critical care, anesthesia, surgery and transplant, cardiovascular critical care, neurocritical care, pharmacy, nursing/APPs, RTs, PTs, and palliative care. Over the course of 2-days, through expert presentations, focused panels, case-based discussions, and 6 hands-on workshops, participants will learn latest practice-ready pathways for glycemic control, brain death diagnosis, anticoagulation & transfusion stewardship, delirium, music therapy, trauma-informed care, AI in action, and perioperative optimization to post-ICU recovery.



Scan this QR code or visit <https://attend.houstonmethodist.org/event/ISAC-2026> for more information, and to register.

CONFERENCE LOCATION:

Houston Methodist Research Institute
6670 Bertner Ave.
John F. Bookout Auditorium, 2nd Floor
Houston, TX 77030

COURSE DIRECTORS



Atiya Dhala, MD, FACP, FCCM
Associate Professor of Clinical Medicine
Weill Cornell Medicine
Houston Methodist Institute for Academic Medicine
Pulmonary / Critical Care Medicine, Houston Methodist Hospital



Faisal Masud, MD, FCCP, FCCM
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Prakruthi Voore, MD
Intensivist in Cardiac and Cardiovascular Intensive Care Unit
Houston Methodist Hospital

Accreditation and Credit Statements (Friday, April 17 & Saturday, April 18, 2026)

Physicians

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCME), designates this activity for 13.75 AMA PRA Category 1 Credits™. With evaluation, learners may earn 13.75 ABIM MOC points, ABS, ABA, Continuous Certification credit; provider submits completions to ACCME.

Nurses

Houston Methodist will award 13.75 Nursing Continuing Professional Development contact hours for this activity. Participants must attend the activity in its entirety and complete the continuing education evaluation.

Occupational Therapists/Physical Therapists

This activity has been approved by the Texas Board of Occupational Therapy Examiners for 10.75 CCUs for OTs and OTAs.

Social Workers

Houston Methodist Hospital designates this activity for 13.75 Social Work CEUs. This offering complies with section 781.501 of the rules of The Texas State Board of Social Work Examiners.

Respiratory Therapists

This activity is pending approval for 13.75 CEUs by the American Association for Respiratory Care (AARC).

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SCCM Task Force Message

Michele Domico, MD, FCCM

Topic: The SCCM Sustainability Task Force: From Inception to Future Plans

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Session 2 Presentation & Panel

Houston Methodist Office of Sustainability

Topic: Houston We Have a Vision: What If We Led Together?

Reimagining Health Care Through a Shared Sustainability Vision

Panel: Daniel Mahoney, MD; Rock Morille, PE, MBA;

Coral Lozada, PhD; Jason Fischer, MBA

Moderator: Hardeep Singh, MD

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Lunch Break

12:30–1:30 p.m.

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Heather Baid BSN, PGCHSCE, PGCert, MSc, PhD

Topic: UK National Strategy: Recipe Book and Gloves Off Campaign

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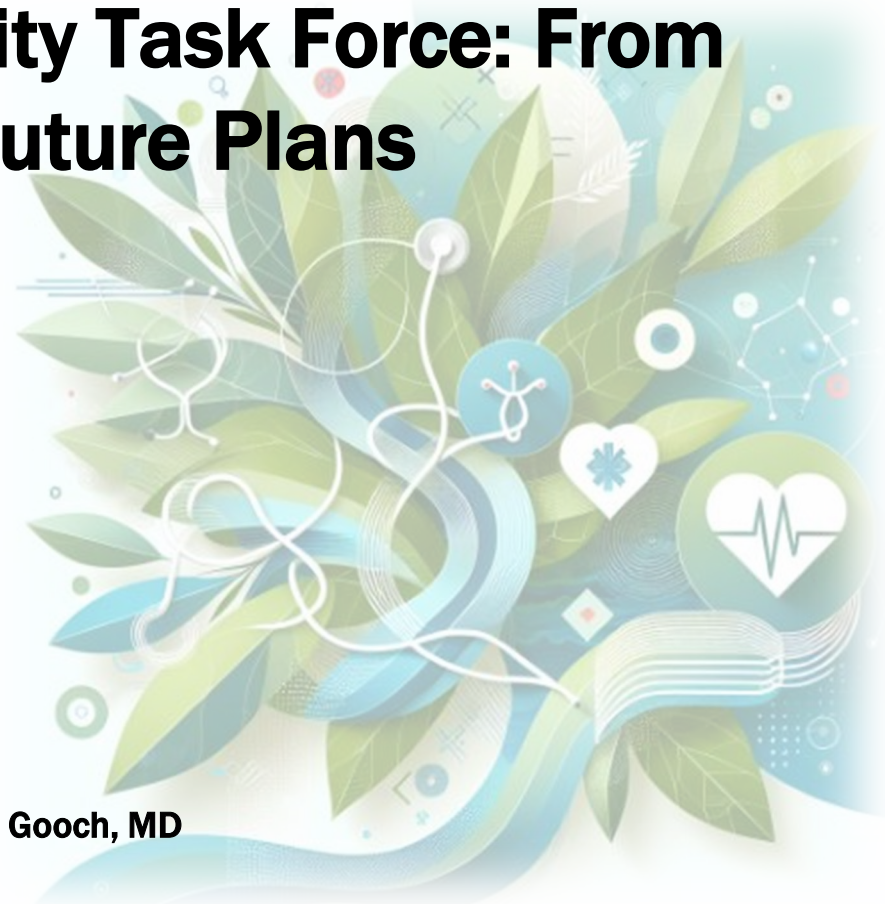
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Closing Remarks

- Abstract winners announcement
- Adjourn

Michele Domico, MD, FCCM

The SCCM Sustainability Task Force: From Inception to Future Plans



Session 2

Houston Methodist Office of Sustainability Presents: Houston We Have a Vision: What If We Led Together? Reimagining Health Care Through a Shared Sustainability Vision



Moderator
Faisal N. Masud, MD, FCCP, FCCM
Medical Director
Center for Critical Care



Rock Morille, PE, MBA
Baylor College of Medicine



Daniel Mahoney, MD
Texas Children's Hospital



Coral Lozada, PhD
Office of Sustainability
Houston Methodist



Jason Fischer, MBA
Director, Office of Sustainability
Houston Methodist

Lunch Break

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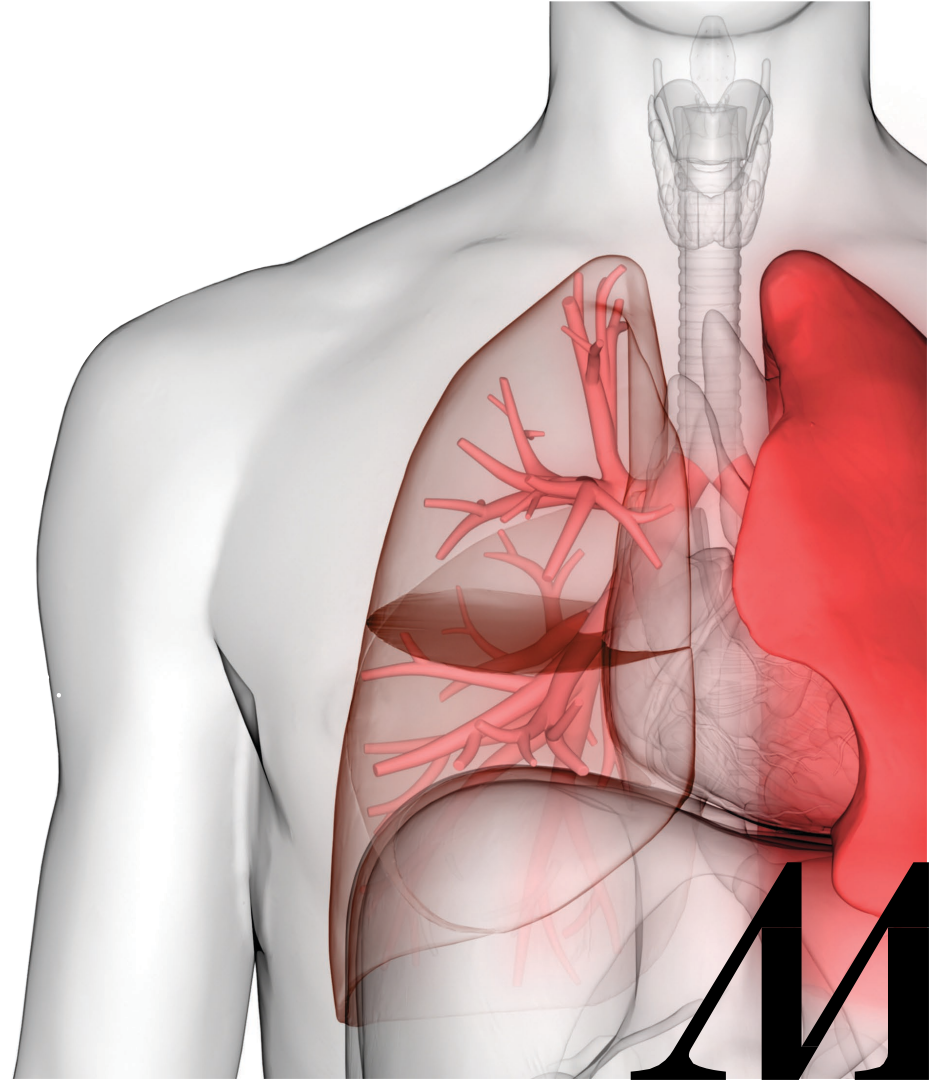
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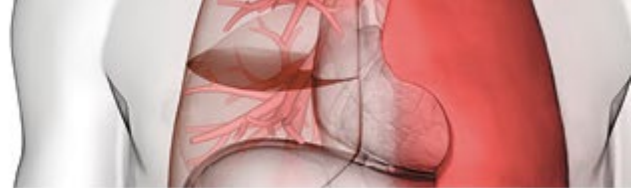
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Heather Baid BSN, PGCHSCE, PGCert, MSc, PHD

UK National Strategy: Recipe Book and Gloves Off Campaign



Session 4

Deepak Bhonagiri MBBS, MD, FCICM, MHQS

Green Teams in the ICU: ICU Net Zero Hub Set Up to Include All 41 ICUs in the State



2025 Abstract Winner

Presented by Farzan Sasangohar, PhD

A Pragmatic Multi-Component Initiative to Reduce Anesthetic Gas Emissions: An Ongoing Institutional Case Study from a LMIC

Samie Asghar Dogar FCPS, MPH. Muhammad Sohaib FCPS, Ausaf Khan FCPS, Waleed Bin Ghaffar FCPS, Asad Latif, MD, MPH
The Aga Khan University Hospital, Karachi, Pakistan

Less Waste, Lower Cost, Same Readiness: A Sustainability Model for Intraosseous Kit Distribution

Zora Vidovic DNP, AGACNP-c, Erin Hopkins AGACNP-C, Sajani Abraham DNP, AGACNP-c
Houston Methodist Hospital
APP Shared Governance Project with Quality Subcommittee

We Want Your Feedback



Survey for attendees that will receive CME credit



Survey for attendees that will **not** receive CME credit

Thank You

To our planning committee, sponsors, supporters
Houston Methodist CME team, Houston Methodist
Foundation team, TMC and our speakers for
dedicating your time to plan this conference.

And thank **you** for attending today. We hope
you will use what you learned here today to do
your part!

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