



CRITICAL CARE
CONGRESS™



**2025 CRITICAL CARE CONGRESS
PRELIMINARY
PROGRAM**

FEBRUARY 23-25, 2025

ORANGE COUNTY CONVENTION CENTER >> ORLANDO, FLORIDA, USA

Society of
Critical Care Medicine
The Intensive Care Professionals



CRITICAL CARE CONGRESS

FEBRUARY 23-25, 2025 | ORANGE COUNTY CONVENTION CENTER | ORLANDO, FL

THE SOCIETY OF CRITICAL CARE MEDICINE (SCCM) INVITES YOU TO THE 2025 CRITICAL CARE CONGRESS!

Everything you need to advance your daily practice is at Congress!

- Comprehensive science-based program
- Opportunities to form and strengthen connections
- Newest tools and technologies
- Accredited continuing education (ACE) credit and maintenance of certification (MOC) points

Explore the latest in critical care knowledge, research, and technology while engaging with a diverse community of multiprofessional clinicians. Connect, collaborate, and innovate at this premier event. The annual Congress has delivered an exceptional and comprehensive experience for more than 50 years.

ABOUT THE SOCIETY OF CRITICAL CARE MEDICINE

Connecting a global community of critical care clinicians, SCCM serves as a leader in critical care best practices. With more than 17,000 members in more than 80 countries, SCCM is the only multiprofessional organization dedicated exclusively to advancing critical care. Its mission is to secure the highest-quality care for all critically ill and injured patients.

REGISTER EARLY TO SECURE THE LOWEST RATES!

Early rate: Register by December 18, 2024

Advance rate: Register by January 15, 2025



To view rates and register: Scan the QR code, visit sccm.org/congress2025, or contact SCCM Customer Service at +1 847 827-6888.

Can't attend the in-person experience? Congress Digital is available.

Obtain access to recorded sessions from Congress. ACE credit and MOC points are available. Congress Digital will be available 30 days after the live event.

In-person registrants receive complimentary access to Congress Digital. SCCM Select members can purchase Congress Digital at no cost.



CRITICAL CARE CONGRESS COCHAIRS



Kwame A. Akuamoah-Boateng, DNP, ACNP-BC, FCCM
Lead APP, Division of Acute Care Surgical Services
Virginia Commonwealth University
Richmond, Virginia, USA



Corinna Sicoutris, AGACNP-BC, MSN, FAANP, FACHE, FCCM
Associate Chief of Advanced Practice
Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania, USA



Ken Tegtmeier, MD, FAAP, FCCM
Professor of Clinical Pediatrics
Medical Director, Medialab and Center for Telehealth
Division of Critical Care Medicine
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, USA

BENEFITS OF ATTENDING CONGRESS



Build relationships and network with **5000+ members** of the critical care community

150+

world-renowned expert critical care speakers



100+

sessions focused on the latest research and hot topics

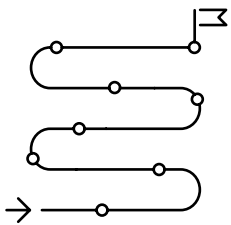


1200+ abstracts and case reports presented



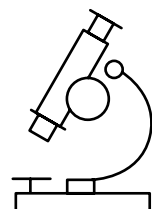
100+ ACE credits available through the in-person event + Congress Digital

TOP REASONS TO ATTEND:



ACCESS

training and resources needed to attain your personal and professional goals.



EXPLORE

new knowledge, tools, and technologies to improve patient care.



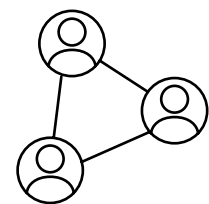
DISCOVER

the latest research and find solutions to common issues.



CELEBRATE

the critical care community and recognize key accomplishments.



TAKE BACK

new learning to share with your critical care team.

THOUGHT LEADER SESSIONS

Note: Subject to change



ENGAGE IN DISCUSSIONS ON INNOVATIVE DEVELOPMENTS AND HOT TOPICS IN CRITICAL CARE WITH WORLD-RENOWNED EXPERTS.



Why the 4Ms Approach to Critical Care Improves Quality: Lessons From the Age-Friendly Health Systems Movement

Norma J. Shoemaker Honorary Lecture

Terry Fulmer, PhD, RN, FAAN
President
The John A. Hartford Foundation
New York, New York, USA



Climate Change: Why Health Systems Matter Now

Seema Gandhi, MD, MBBS
Medical Director of Sustainability
Clinical Professor, Department of
Anesthesia and Perioperative Medicine
University of California, San Francisco
San Francisco, California, USA



Microcirculation and Shock

Peter Safar Honorary Lecture

Olfa Hamzaoui, MD
Professor
Medical ICU, Robert Debré Hospital
University Hospitals of Reims
Reims University
Reims, France



Xenotransplantation: A New Dawn?

Max Harry Weil Honorary Lecture

Muhammad Mansoor Mohiuddin, MD/MBBS, DSc (Hon), FAST
Professor of Surgery
Director of the Cardiac
Xenotransplantation Program
University of Maryland School of Medicine
Baltimore, Maryland, USA



Advancing Health at the Speed of AI

William C. Shoemaker Honorary Lecture

Hoifung Poon, PhD
General Manager
Microsoft Health Futures
Affiliated Faculty
University of Washington Medical School
Seattle, Washington, USA

CONNECTIONS CENTRAL (EXHIBIT HALL)

INDUSTRY EXHIBITS

Discover the latest tools and technologies from more than 140 companies that are changing the way critical care professionals work.

CONNECTIONS CENTRAL THEATERS

Industry education, the top-scoring abstracts and case reports, and more will be highlighted in these two theaters.

SCCM CENTRAL

Discover a comprehensive collection of critical care resources in one place. Check out SCCM products and merchandise, learn about membership options, participate in prize opportunities such as spinning the wheel for rewards, enter for a chance to win an Apple Watch, and more.

RESEARCH SNAPSHOT THEATERS

The authors of abstracts and case reports will present their research findings, allowing time for questions and answers from the audience.

CRITICAL CARE QUIZ SHOW

Gather for this friendly competition as contestants show off their critical care knowledge in this fast-paced game show.



FOR COMPLETE DETAILS ON CONGRESS, VISIT [SCCM.ORG/CONGRESS2025](https://www.sccm.org/congress2025).

POPULAR EVENTS, SESSIONS, AND ACTIVITIES



= Ticketed session requiring additional fee and advance registration.

Note: Subject to change. All times are given in Eastern Time.

Break the Ice: First-Time Congress Attendee Gathering

Saturday, February 22, 2025 • 5:30 p.m. - 6:30 p.m.

Connect with other first-time attendees, receive tips on making the most of your Congress experience, enjoy light refreshments, and engage with leaders in the critical care field from various professions and backgrounds during this event.

Research Awards Ceremony

Sunday, February 23, 2024 • 4:30 p.m. - 5:30 p.m.

Recipients of SCCM's abstract and case report awards will be recognized during an awards ceremony.

Advanced Practice Providers Luncheon

Monday, February 24, 2025 • 12:00 p.m. - 1:25 p.m.

Advanced practice providers and those who work closely with them are invited to attend and engage in networking and roundtable discussions led by subject matter experts in a variety of areas relevant to advanced practice.

ACCM Convocation and SCCM Awards Presentation

Monday, February 24, 2025 • 3:00 p.m. - 4:00 p.m.

New fellows and masters of critical care medicine will be inducted into the American College of Critical Care Medicine (ACCM) and award and grant recipients will be honored. Come support your colleagues and friends during this prestigious occasion. Congress attendees are invited to attend.

Early-Career Professionals Reception

Monday, February 24, 2025 • 5:00 p.m. - 7:00 p.m.

The Early-Career Professionals Reception is a dedicated space for early-career professionals, such as residents, fellows, postdoctoral researchers, clinicians in training, and early-career faculty, to network and mingle with peers and those established in their careers. Prominent members and leaders from SCCM specialty sections, chapters, and knowledge education groups will be on hand to offer advice and answer questions.

Educational Leadership Luncheon

Tuesday, February 25, 2025 • 12:00 p.m. - 1:25 p.m.

Critical care program directors, fellows, members of multiprofessional ICU teams, and those with a passion for critical care education are invited to attend. Review strategies for incorporating resilience, wellness, and self-care into critical care training and practice while participating in case-based small group discussions.

Max's Cafe

A visionary, inventor, and teacher, Max Harry Weil, MD, PhD, MCCM, served as the first and founding president of SCCM. Dr. Weil was known to gather friends and colleagues to debate the issues of the day. He reveled in sharing ideas, sometimes well into the night.

Max's Cafe serves as a tribute to Dr. Weil's legacy. Congress attendees can visit a pop-up Max's Cafe to share coffee and conversation. The Society invites you to revel in the connections that Dr. Weil knew were so important to the advancement of critical care.



Select Member Lounge

SCCM Select members access an exclusive lounge designed for networking and collaboration. Step inside for coffee, light refreshments, and a complimentary gift. Find a workstation to check email, recharge devices, or relax between sessions. Upgrade your membership or join on site at the lounge or by visiting sccm.org/join to elevate your Congress experience and unlock a world of professional resources.

(re)Charge Zone

Charge your devices and get tips on recharging yourself. Self-care is critical for clinician well-being! Visit the (re)Charge Zone to relax, learn a few simple yoga moves, get personalized resources to improve well-being, and more.

Accredited Continuing Education Symposia

Learn about clinical breakthroughs and advances that lead to better patient care during these thought-provoking sessions. Led by critical care experts, each symposium offers a thorough analysis of the developments and controversies affecting most intensive care unit environments.



Connect and Converse Corner

Engage with fellow attendees on discussions and debates focused on critical care topics.

Roundtable Discussions

Participate in discussions on critical care topics led by experienced facilitators and network with peers on a variety of professional, career, and leadership subjects.



Geriatrics Track

In partnership with the American Geriatrics Society

A special education track on geriatric medicine will run on Tuesday, February 25. Clinicians will find sessions highlighting care of geriatric patients in the ICU, including tips for creating an age-friendly ICU and special considerations in older patients with traumatic injuries.

PRE-CONGRESS EDUCATIONAL OPPORTUNITIES



= Ticketed session requiring additional fee and advance registration.

Note: Subject to change. All times are given in Eastern Time.

EACH COURSE IS PACKED WITH ESSENTIAL CLINICAL INFORMATION TO KEEP YOU UP TO DATE ON VARIOUS CRITICAL CARE TOPICS. MANY OFFER THE OPPORTUNITY TO EARN ACE CREDITS AND MOC POINTS. ADDITIONAL REGISTRATION IS REQUIRED. REGISTER EARLY TO SECURE YOUR SEAT!

**FRIDAY, FEBRUARY 21 OR
SATURDAY, FEBRUARY 22, 2025**

Critical Care Ultrasound: Adult (Skills Event)

Increase your ultrasound diagnostic skills and scanning proficiency. After studying the text and viewing the presentations online, attend this full-day hands-on skills session led by experts. Live models are used to provide the realistic training needed to perform and interpret ultrasound imaging. On completion, you will be able to immediately integrate your learned skills into clinical practice.

Date: Friday, February 21 or Saturday, February 22, 2025

Time: 7:00 a.m. – 5:30 p.m.

Continuing Education: 17.5 ACE credits and MOC points

Includes:

- 9.5 hours of online ultrasound presentations by subject matter experts
- 8 hours of hands-on, interactive skills training
- *Comprehensive Critical Care Ultrasound* eBook
- ICU quick reference guide



Critical Care Ultrasound: Pediatric and Neonatal (Skills Event)

Obtain the realistic training needed to perform and interpret pediatric ultrasound imaging. After studying the text and viewing the presentations online, attend this full-day hands-on skills session led by experts. Live models are used to provide the realistic training needed to perform and interpret ultrasound imaging. On completion, you will be able to immediately integrate your learned skills into clinical practice.

Date: Friday, February 21 or Saturday, February 22, 2025

Time: 7:00 a.m. – 5:30 p.m.

Continuing Education: 17.5 ACE credits and MOC points

Includes:

- 9.5 hours of online ultrasound presentations by subject matter experts
- 8 hours of hands-on, interactive skills training
- *Comprehensive Critical Care Ultrasound* eBook
- ICU quick reference guide

ELSO Extracorporeal Membranous Oxygenation (ECMO) Simulation Course



Held in partnership with the Extracorporeal Life Support Organization

Explore venoarterial and venovenous ECMO concepts using patient case scenarios during either one-day course. In a small-group setting, participants have an opportunity for interactive learning and troubleshooting of clinical cases. This course is structured for multiprofessional learning at various stages of experience. Learners should have completed the ELSO Virtual ECMO Training Course or have a strong foundational knowledge of ECMO patient care.

Date: Friday, February 21 or Saturday, February 22, 2025

Time: 8:00 a.m. – 5:00 p.m.

Includes:

- Full day of in-person education

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PRE-CONGRESS EDUCATIONAL OPPORTUNITIES



= Ticketed session requiring additional fee and advance registration.



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FRIDAY, FEBRUARY 21, 2025

Critical Care Ultrasound: Life Support and Sepsis

Gain beginner point-of-care ultrasound skills to assist in the management of patients with cardiac arrest and sepsis. This one-day hands-on course focuses on acquisition of a single subcostal cardiac window and limited lung examination. High-fidelity simulation will be used to apply a protocolized approach to managing patients with cardiac arrest during pulse, rhythm, and echocardiography checks.

Date: Friday, February 21, 2025

Time: 7:00 a.m. – 5:30 p.m.

Continuing Education: 10 ACE credits and MOC points

Includes:

- 6 hours of ultrasound presentations by subject matter experts
- 4 hours of hands-on, interactive skills training
- *Comprehensive Critical Care Ultrasound* eBook
- ICU quick reference guide

SATURDAY, FEBRUARY 22, 2025

Critical Care Ultrasound: Advanced Echocardiography (Half-Day Course)

Expand your fundamental echocardiographic skills and knowledge in this half-day hands-on course. After studying the text and viewing the presentations online, attend the learning lab for a guided classroom experience in which participants perform valvular and hemodynamic measurements, with an emphasis on correct measurement technique.

Date: Saturday, February 22, 2025

Time: 7:00 a.m. – 12:00 p.m. OR 12:30 p.m. – 5:30 p.m.

Continuing Education: 9.5 ACE credits and MOC points

Includes:

- 5.5 hours of online ultrasound presentations with high-quality advanced sonographic images by subject matter experts
- 4 hours of hands-on, interactive skills training
- *Comprehensive Critical Care Ultrasound* eBook
- ICU quick reference guide



Critical Care Innovation Incubator

Join clinicians, researchers, industry leaders, and investors to ignite impactful change in critical care! Designed to foster collaboration among leading minds across diverse disciplines, this event will:

- Explore emerging critical care innovations in pharmaceuticals, medical technology, big data, and AI
- Spark collaboration by networking, sharing ideas, and building powerful partnerships
- Fuel inspiration through poster presentations and educational discussions

Whether you're an entrepreneur in the trenches or a budding clinician-innovator, the Critical Care Innovation Incubator offers resources to help you navigate the innovation landscape.

Date: Saturday, February 22, 2025

Time: 7:00 a.m. – 5:00 p.m.

Includes:

- 1 full day of in-person interaction
- Networking time with industry leaders and investors
- Poster and pitch presentations, roundtables, and exhibits

Airway and Mechanical Ventilation Management for the Critically Ill Patient (Skills Event)

Review airway and mechanical ventilation management strategies for critically ill patients. Topics covered include airway assessment; emergent intubation; airway management pharmacology; rescue techniques for maintaining ventilation; traditional and novel techniques for difficult airway management in adult patients; and indications, contraindications, and benefits of ventilatory support modes. After studying the text and viewing the presentations online, attend this full-day skills session and learn and practice with expert faculty at interactive skill stations encompassing laryngoscopy, fiberoptic intubation, surgical approaches to airway establishment, and rescue strategies. Skill stations on mechanical ventilation will focus on mode selection, troubleshooting patient-ventilator dyssynchrony, and alternative modes available for the critically ill adult patient.

Date: Saturday, February 22, 2025

Time: 7:00 a.m. – 5:00 p.m.

Continuing Education: 12.5 ACE credits and MOC points

Includes:

- 4.25 hours of online presentations by subject matter experts
- 8 hours of interactive skills training
- *Airway and Mechanical Ventilation Management* eBook

Current Concepts in Pediatric Critical Care

Explore controversial, cutting-edge, and timely topics that are directly applicable to the care of critically ill pediatric patients during this full-day course. The course content will engage participants in a variety of didactic and panel discussions on PARDS updates, interprofessional education, immune dysfunction and immunomodulation, obesity, and more.

Date: Saturday, February 22, 2025

Time: 7:00 a.m. – 4:00 p.m.

Continuing Education: 6.5 ACE credits and MOC points

Includes:

- 1 full day of in-person education
- *Current Concepts in Pediatric Critical Care* eBook

Leadership and Management Skills to Enhance Your Professional Role

Gain valuable insights and tools on topics including mentorship, leadership, and workplace relationships that are specific to practitioners in critical care. View presentations online ahead of the live course, then join members of SCCM's Leadership, Empowerment, and Development (LEAD) Committee in person to engage in interactive experiences, presentations, and small-group exercises. Subject matter experts will share their personal journeys related to serving as volunteers and leaders within SCCM and offer perspectives on personal and professional career pathways going from early career to mid-career and later. Complete the day with a networking social event for attendees and faculty.

Date: Saturday, February 22, 2025

Time: 8:00 a.m. – 6:00 p.m.

Continuing Education: 7.25 ACE credits

Includes:

- 1 full day of in-person education
- Online course access with expert presentations
- Networking social event for attendees and faculty

Deep Dive: An Introduction to AI in Critical Care Medicine

Equip yourself with foundational skills and perspectives necessary to leverage artificial intelligence (AI) effectively and responsibly in critical care environments. Experts will discuss various applications of AI, using real-world demonstrations of how these technologies can enhance patient outcomes, streamline workflows, and support clinical decision-making. Gain insights into the practical aspects of AI implementation and integration within healthcare settings, addressing the technical, organizational, and infrastructural challenges involved. The course also emphasizes the importance of ethical and legal considerations, fostering a critical understanding of data privacy, consent, accountability, and the potential biases inherent in AI systems.

Date: Saturday, February 22, 2025

Time: 1:00 p.m. – 5:00 p.m.

Continuing Education: 3.75 ACE credits and MOC points

Includes:

- Half-day of in-person education



COMPREHENSIVE PROGRAM TOPICS

Learning Objectives

At the conclusion of the 2025 Critical Care Congress, participants should be able to:

- Apply new knowledge and strategies to optimize the care of critically ill patients as provided by the multiprofessional team
- Examine evidence-based medicine techniques to evaluate and improve patient care
- Review and integrate guidelines to measure performance and identify areas for further study and improvement

The Critical Care Congress offers sessions in various knowledge areas in critical care. Find something for everyone on the critical care team!

SCCM Knowledge Areas:

- Administration
- Behavioral Health and Well-Being
- Cardiovascular
- Crisis Management
- Endocrine
- Epidemiology/Outcomes
- Ethics/End of Life
- GI/Nutrition
- Hematology
- Immunology
- Infection
- Integument
- Neurosciences
- Obstetrics
- Patient and Family
- Pediatrics
- Pharmacology
- Procedures
- Professional Development and Education
- Pulmonary
- Quality and Patient Safety
- Renal
- Research
- Resuscitation
- Sepsis
- Shock Non-Sepsis
- Transplant
- Trauma

HOTEL AND TRAVEL INFORMATION



HOTEL ACCOMMODATIONS

Take advantage of discounted Congress hotel rates by making your reservation in an SCCM hotel room block. All reservations are subject to availability. The deadline for booking at discounted SCCM rates is Monday, January 27, 2025. Visit sccm.org/travel to make your reservation.

Benefits of the SCCM Room Block

- Exclusive and deeply discounted room rates
- Access to perks and a guest experience tailored to Congress attendees
- Hotel staff recognition of your affiliation with SCCM so they can better address your needs
- Assurance that your hotel is vetted and within walking distance of the convention center
- Access to government rates for eligible guests

Congress Headquarters Hotel

Hyatt Regency Orlando

9801 International Drive, Orlando, Florida



Other Official Hotels

- **Rosen Centre Hotel**
- **Rosen Plaza Hotel**

See the full list
at sccm.org/travel.



Important notice: Be aware of data scams.

Every year SCCM receives reports of unsolicited offers or persons misrepresenting themselves as agents of SCCM. Any such offers are unaffiliated with SCCM and may be fraudulent. Attendees are strongly encouraged to make hotel arrangements only through the links provided on SCCM's Congress housing web page or directly through a hotel website.



AIR TRAVEL

SCCM has arranged for discounted airfare with United Airlines and Delta Airlines for travel to Orlando, Florida, for the 2025 Congress.

Delta Airlines

Discount Booking Code: Visit sccm.org/travel

Website: delta.com

By phone: +1 800 328-1111

United Airlines

Discount Booking Code: Visit sccm.org/travel

Website: united.com

By phone: +1 800 426-1122



CAR RENTAL

SCCM has negotiated special car rental rates for Congress attendees.

Enterprise

Website: enterprise.com

Account number: XZP1SCC

National

Website: nationalcar.com

Account number: XZP1SCC



CHILDCARE SERVICES

SCCM will offer childcare services during the 2025 Critical Care Congress. Children aged 6 months to 12 years are eligible for childcare at the headquarters hotel on a first-come, first-served basis by prior registration. Space is limited. SCCM subsidizes this cost for families. The fee is \$15 per hour. Childcare services will be available during the following times:

Sunday, February 23, 2025 6:30 a.m. – 6:30 p.m.

Monday, February 24, 2025 6:30 a.m. – 6:30 p.m.

Tuesday, February 25, 2025 6:30 a.m. – 6:30 p.m.

Please note: Children are not permitted to attend educational sessions at Congress.