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SAVE THE DATE

January 31 - February 3, 2021 - Anaheim Convention Center - Anaheim, California, USA

Visit sccm.org/Congress2021 to receive an email notice when registration opens.

Registration opens summer 2020 at sccm.org/Congress.

The world of critical care medicine is changing faster than ever. Integrating innovative technologies and strategies to address new and evolving challenges requires new ways of thinking.

In 2021, the Society of Critical Care Medicine (SCCM) will be hosting the 50th Critical Care Congress in Anaheim, California, USA.

Don't miss the largest multiprofessional critical care event of the year!

We invite you to take part in discussing the future of our world through:

- Collaborating with members of the entire multiprofessional team to solve complex challenges and remove barriers to improving care
- Engaging in hands-on workshops and interactive debates hosted by renowned faculty from around the globe
- Exploring the latest technologies and tools from more than 100 exhibitors that are changing the way we work





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Share your Congress experience on social media! Use #CCC49 and mention us on:





@SCCMcriticalcare

EXCLUSIVE! SELECT MEMBER LOUNGE

Stop by the Select Member Lounge located in the Valencia Ballroom Lobby on the fourth floor of the convention center, which offers SCCM Select members a place to get away from the hustle and bustle of Congress to meet with colleagues while enjoying refreshments and other concierge services.

If you are not an SCCM Select member, but wish to access the lounge, stop by and an SCCM staff member will assist you in joining or upgrading on the spot. Begin enjoying the perks of Select Membership today!



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Use the App to enhance your Congress experience.



- Access the most current listings of the sessions, business meetings, abstracts, research snapshot theaters, and more.
- Check in to the sessions you attended to expedite claiming continuing education credit.
- · Build your own schedule.
- · View faculty and their disclosures.
- · Connect with colleagues.
- Take notes during sessions.

Search "SCCM Events" in Google Play or the iTunes Store or download the SCCM Events App at sccm.org/eventapp. Look for the orange SCCM Events icon.

Your login is the email address you used to register. The event code is SCCM20.





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Complimentary internet access is available throughout the convention center.

Connect using SSID: CCC49

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Critical Care
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(SCCM)
Professional
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and save!







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*American College of Critical Care Medicine application fee included

\$305 for Physicians (regular rate \$485) \$128 for Healthcare Professionals (regular rate \$178)

Offer available on site and for Professional Membership only. Excludes membership renewals.



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CRITICAL CARE WEEK SESSIONS

SCCM has partnered with a number of organizations involved in providing critical care to patients, as part of Critical Care Week at Critical Care Congress.



Please see pages 8-11 for Critical Care Week Roundtable sessions

Times	Location	Session Title	Moderator(s)
Sunday, Feb	ruary 16,	2020	
10:30 A.M 11:30 A.M.	OCCC - W307	Childhood Sepsis: Taking Action Through Education (joint session of SCCM/Sepsis Alliance and the Rory Staunton Foundation)	Niranjan Tex Kissoon, Scott L. Weiss
11:45 A.M 12:45 P.M.	OCCC - W307	Federal Government Sepsis Priorities: Working Together to Educate, Innovate, and Optimize Patient Outcomes (NIH, CDC, CMS, and BARDA)	Sarah Dunsmore
Monday, Fel	bruary 17,	2020	
9:45 A.M 10:45 A.M.	OCCC - W307	Nutritional Controversies in the ICU: How Much, When, and What Should We Be Feeding Our Patients? (joint session of SCCM and ASPEN)	Bryan R. Collier, Carla Venegas- Borsellino
11:00 A.M 12:00 P.M.	OCCC - W307	Maintenance of Certification and Recertification in Critical Care: An American Board of Medical Specialties Town Hall Discussion (joint session of SCCM, ABA, ABIM, ABS, UCNS, ABPN, ABP, and ABEM)	J. Christopher Farmer
3:15 P.M 5:15 P.M.	OCCC - W307	ESICM/SCCM Joint Session: Data Science	Heatherlee Bailey, Jozef Kesecioglu
Tuesday, Fel	bruary 18,	2020	
9:45 A.M 10:45 A.M.	OCCC - W307	Critical Care Societies Collaborative: Promoting a Healthy ICU Work Culture to Mitigate Burnout (joint session of SCCM, ACCP, AACN, and ATS)	Heatherlee Bailey
11:00 A.M 12:00 P.M.	OCCC - W307	Managing Complex Wounds (joint session of SCCM and the Surgical Infection Society)	Heather L. Evans
2:45 P.M 3:45 P.M.	OCCC - W307	Evidence-Based Reviews and Collaborative Efforts to Address Firearm Injury Prevention (joint session of SCCM and the Eastern Association for the Surgery of Trauma)	A. Britton Christmas
4:00 P.M 5:00 P.M.	OCCC - W307	Pressing Issues Surrounding Global Pediatric Critical Care Medicine Research: Regional Challenges and Opportunities (joint session of SCCM and WFPICCS)	Vinay M. Nadkarni
Wednesday,	February	19, 2020	
9:30 A.M 10:30 A.M.	OCCC - W307	Challenges and Pitfalls in the Management of Traumatic Brain Injuries (joint session of SCCM and the Neurocritical Care Society)	Mary Kay Bader
10:45 A.M 11:45 A.M.	OCCC - W307	Modern Approaches to ECMO in Critical Care (joint session of SCCM and ELSO)	Joseph E. Tonna

Program and faculty are subject to change.



(ALL FOR ABSTRACTS

January 31 - February 3, 2021 - Anaheim Convention Center - Anaheim, California, USA

Make your contribution to the advancement of critical care by submitting your original investigative research and case reports for the 50th Critical Care Congress.

If accepted, your work will be considered for presentation at Congress. Abstracts also will be published in *Critical Care Medicine*, the #1 critical care subspecialty journal.

Those whose abstracts are accepted also enjoy other benefits:

- Peer Evaluation: Select abstracts will be moderated by critical care experts who will provide indispensable feedback.
- Awards: Multiple awards are offered, including research awards and section travel grants. First
 authors who are an SCCM member and a sponsored fellow or healthcare professional at the time of
 abstract submission may be eligible for complimentary Congress registration.

Submission categories are: Basic Science, Case Reports, and Clinical Science.

Abstracts may be submitted May 1 to August 3, 2020, by noon Central Daylight Time.

Visit sccm.org/abstracts for complete details on submission guidelines and categories.





ROUNDTABLE DISCUSSIONS

Discuss critical care topics and network with peers on a variety of professional, career, and leadership subjects. These facilitator-led interactive discussions allow attendees to participate in two different topic discussions during each session by rotating at the half-hour mark.

Participate in Roundtable Discussions in the **Hall B3 Lobby.**

Check the Congress app for a complete listing of discussion topics.

This year's Roundtables include Critical Care Week topics as well as sessions held in Spanish. Please see page 79 for the Spanish sessions and times.

No CE/CME for these sessions.

Roundtable Topic	Facilitator
Sunday February 16, 2020	

9:30 A.M. - 10:30 A.M.

Advanced Practice Providers Workforce Strategic Planning and Development	Thomas Farley
Cloud Chasing: The Perils of Vaping: What Are You Seeing in the ICU and How Are You Addressing It?	Marcia K. Johansson
Critical Care Week Roundtable: Critical Conversations in the ICU Hosted by the American College of Veterinary Emergency and Critical Care	Caroline Tonozzi
Critical Care Week Roundtable: The Physiologically Difficult Airway Hosted by the Society of Critical Care Anesthesiologists	Michael H. Wall
Boarding of the Critically III Patient in the Emergency Department: A Roundtable Discussion With the SCCM/ACEP-ED-ICU Boarding Taskforce	Brian T. Wessman
Tele-Critical Care: What It's All About	Lisa-Mae Williams
Microagression in Critical Care Medicine	Talia K. Ben-Jacob
The New Status of Cannabis in Your State: How Has It Affected Your Practice?	Ann Marie B. Prazak
Wellness and the Critical Care Team Member	Oveys Mansuri

12:45 P.M. - 1:45 P.M.

How to Run an FCCS Course	Keith Killu
Nurse-to-Patient Staffing Ratios in the ICU: More Than Just Numbers	Elizabeth A. Scruth
Leveraging Multiple Disciplines and Specialties in Practice Research	Heather Personett May
Advanced Practice Provider Onboarding and Implementation	Brenton J. LaRiccia
Social Media for Career Development	Sapna R. Kudchadkar
How Can We Better Connect the Dots in Emerging ICU Health Issues?	Michael G.S. Shashaty
Mirror, Mirror on the Wall: Self-Assessment and What It Takes to Excel: Career Advancement Program Taskforce Discussion	Judith Jacobi
Running a Licensed Course Internationally: What You Need to Know	Ahmed Reda Taha
Diversity and Inclusion Among Professional Care Teams	Maighdlin Anderson

Program and faculty are subject to change.



2020

ROUNDTABLE DISCUSSIONS

Participate in Roundtable Discussions in the Hall B3 Lobby.

Roundtable Topic	Facilitator
2:45 P.M 3:45 P.M.	
Time Management Skills, Tips, and Tricks	Jennifer L. LeTourneau
Advanced Practice Providers Value Contribution/Quality Metrics	Fiona A. Winterbottom
How to Improve Quality Without Compromising Patient Care	Riza V. Mauricio
Strategies for Successful Business Negotiations	Bridgette L. Kram
How to Be an Effective ICU Leadership Team Member	Steven Greenberg
Creating a Supportive Environment: The Pause	Silvia E. Perez-Protto
The Best Advice I Wish I Had Gotten When Starting an Academic Career	Avinash B. Kumar
Critical Care Week Roundtable: Controversies in Critical Care Nutrition Hosted by the American Society for Parenteral and Enteral Nutrition	Todd W. Rice
Mid-Career Change	Brittany D. Bissell
Building the Advanced Practice Provider Workforce of the Future	Corinna Sicoutris
Graceful Self-Promotion	Lori A. Shutter

Monday, February 17, 2020

8:45 A.M. - 9:45 A.M.

Please note that this time block is for students, residents, and fellows.

Various Routes to Critical Care (Medicine, Anesthesia, Surgery, Emergency Medicine, Obstetrics/Gynecology)	Sigrid Burruss
Interdisciplinary Care in the ICU	Matthew A. Wanat
Which Elective Rotations in Medical School and Residency Will Be Helpful for a Career in Critical Care?	Marian E. Von- Maszewski
Contract Negotiations	Hee Soo Jung
Billing for Early Clinicians	Michael F. Ditillo
Mentoring: Different Styles, Different Types	Namita Jayaprakash
How Does the Opioid Epidemic Impact Patient Care and Evaluation in the ICU?	Brian T. Wessman
The Best Advice I Wish I Had Gotten When Starting My Academic Career	Avinash B. Kumar
Honing Skills and Sharing Information Regarding Employment Search (HIRES)	Christa Nobleza
Research as an Integral Part of Critical Care Fellowship: Why, When, Where, and How?	Ashish K. Khanna
Use of Social Media for Educational Purposes	Shaun Thompson

Program and faculty are subject to change.

Continued on page 10

ROUNDTABLE DISCUSSIONS

Roundtable Topic

Roundtable Topic	Facilitator
12:15 P.M 1:15 P.M.	
Brain Death in 2020	Nneka O. Sederstrom
The Value of a Psychologist Working in the ICU	Erin L. Hall
Key Research Opportunities in Sepsis and Septic Shock	Craig M. Coopersmith
Institutional Burnout Reduction Initiatives	Carla M. Sevin
Choosing Wisely and Less Is More: How to Start Stewardship Efforts in Your Hospital	Anita J. Reddy
Fluids and Vasopressor Research Opportunities in Sepsis and Septic Shock	Ishaq Lat
Dealing With Difficult Family Members	Christine C. Toevs
How Al Is Changing Medical Practice	Alan H. Morris
Reverse Classroom Teaching Strategies	Gregory H. Botz
Critical Care Week Roundtable: Measuring Quality in Neurocritical Care Hosted by the Neurocritical Care Society	Sarah L. Livesay
Critical Care Week Roundtable: Identifying Educational and Research Opportunities In and Outside the Pediatric ICU Hosted by the World Federation of Pediatric Intensive and Critical Care Societies	Ann-Marie Brown
2:15 P.M 3:15 P.M.	
Traveling the World to Improve the Care of Others: Medical Missions	Louisdon Pierre
How to Become a Fellow of the American College of Critical Care Medicine	Mary J. Reed
Contract Negotiations	Norma M. Smalls- Mantey
Setting Limits on Terminal Sedation in Adults at the End of Life	Gilles Chemtob
A Mechanism to Deal With the Impact of Mass Casualty Incidents on Clinicians	Deborah A. Kuhls
	0 0

Program and faculty are subject to change.

Shahla Siddiqui

Kathleen M. Vollman

Patrick C. McKillion

Ashish K. Khanna

David L. Carpenter

Nirmal Sharma

Increasing Visibility of the CNS Role

Mistakes I Have Made in My Job Search

Billing With Advanced Practice Providers

The "Perfect Presentation"/Public Speaking Skills

Critical Care Week Roundtable: ECMO Research

Hosted by the Extracorporeal Life Support Organization

Representation of Women in Critical Care Medicine in Scientific Meetings



2020

ROUNDTABLE DISCUSSIONS

Participate in Roundtable Discussions in the Hall B3 Lobby.

Roundtable Topic	Facilitator
Tuesday, February 18, 2020	
8:45 A.M 9:45 A.M.	
Medically and Ethically Inappropriate Treatment Is NOT Required: Developing a Policy	Mary F. Marshall
Choices, Choices DNP Versus PhD Degree in Nursing	Reba A. Umberger
Creating a Supportive Environment: The Pause	Silvia E. Perez-Protto
Critical Care Week Roundtable: Management of Open Abdomen and Other Complex Wounds for Non-Surgeons Hosted by the Surgical Infection Society	Mayur Narayan
Promoting Wellness in Critical Care and Preventing/Alleviating Moral Distress	Elizabeth G. Epstein
Advance Care Planning for Medical and Surgical Patients	Preeti R. John
Critical Care Research: An Integral Part of Nursing	Marilyn Hravnak
Critical Care Models of Care Delivery: Threats and Opportunities	Donna L. Armaignac
Critical Care Week Roundtable: Modern Management of Rib and Sternal Fractures Hosted by the Chest Wall Injury Society	Thomas W. White
What Are the Plans for Faculty and Nursing Staff Shortages?	Mary E. Lough
12:15 P.M 1:15 P.M.	
You Should Not Sleep at Night: 24-Hour ICU Coverage	Praveen Chahar
Women in Critical Care	Marie R. Baldisseri
Creating a Health Sanctuary in the Hospital: Caring for the Undocumented Patient	Paul O'Donnell
Basic Science Research Opportunities in Sepsis and Septic Shock	Clifford S. Deutschman
Critical Care Week Roundtable: Professional and Leadership Development Opportunities: How to Become Involved Hosted by Eastern Association for the Surgery of Trauma	A. Britton Christmas
Teaching Rounds at a Community Hospital	Heather Meissen
Strategies to Avoid Burnout	Ravindra A. Gupta
Clinical Trials	Balasubramanian Venkatesh
A Culture of Inclusion: What Should It Look Like?	Karin Reuter-Rice
Leadership Development	Lori A. Shutter

Program and faculty are subject to change.

SOCIETY OF CRITICAL CARE MEDICINE POST-CONGRESS COURSE OFFERED BY NCS

SOCIETY OF CRITICAL CARE MEDICINE POST-CONGRESS COORSE OFFERED BY NCS

Emergency Neurological Life Support (ENLS)

What to do in the Critical First Hours of a Neurological Emergency

Newly Released Version 4.0

Thursday, February 20th, 2020 8:00am – 4:30pm | Hyatt Regency Orlando - Orlando, FL

PROGRAM OVERVIEW

The recently updated Emergency Neurological Life Support (ENLS) is designed to help healthcare professionals improve patient care and outcomes during the most crucial time - the critical first hours of the patient's neurological emergency. ENLS covers a collaborative, multi-disciplinary approach that outlines a consistent set of protocols, practical checklists, decision points, and suggested communication to use during patient management. Completion of this course and online assessment provides 15 hours of Level 1 CME, ANCC, ACPE and CAPCE credit, and two-year ENLS certification.

INTENDED AUDIENCE

Physicians, nurses, pharmacists, emergency medicine professionals, and health professionals working in the field of neurocritical care. This course is appropriate for initial certification and recertification.

ENLS OFFERS:

- Protocols that list important steps in managing a patient with a neurological emergency
- Treatment algorithms that can be administered across a spectrum of care environments
- Structured format for concise communication among members of the healthcare team
- Information on current advancements in treatment

TOPICS:

Acute Non-Traumatic Weakness
Acute Ischemic Stroke
Airway, Ventilation and Sedation
Approach to the Comatose Patient
Intracerebral Hemorrhage
Intracranial Hypertension and Herniation
Meningitis and Encephalitis
Pharmacotherapy
Resuscitation Following Cardiac Arrest
Spinal Cord Compression
Status Epilepticus
Subarachnoid Hemorrhage
Traumatic Brain Injury

SIGN UP

https://enls.neurocriticalcare.org/classroom/classroom-enls-sccm

Traumatic Spine Injury

"This program is held in conjunction with the Society of Critical Care Medicine's Critical Care Congress. The Society has reviewed the program to ensure its appropriateness for the critical care provider. However, the program is developed and managed by Neurocritical Care Society, an independent nonprofit organization, which is solely responsible for its content and management."

ADVANCED VV-ECMO

Workshop For Respiratory Failure

2-DAY WORKSHOP

February 14 - 15, 2020

Hyatt Regency Orlando, Florida USA

The Extracorporeal Life Support
Organization (ELSO), in partnership
with the Society of Critical Care
Medicine (SCCM), is pleased
to announce the Advanced VVECMO Workshop for respiratory
failure. Led by expert faculty, this
workshop covers all elements of
managing severe hypoxemic and
hypercapnic respiratory failure
on veno-venous extracorporeal
support. Novel, challenging
simulation sessions will
complement lectures to provide an
immersive educational experience.

Lectures will cover:

- Advanced medical and ventilator management of a VV-ECMO patient
- Troubleshooting the ECMO circuit
- Anticoagulant strategies
- Awake and ambulatory ECMO
- ECMO as a bridge to transplant
- Growing role of ECCO₂R
- And other thought-provoking topics!









Visit the ICU Liberation Lab to learn about the ICU Liberation initiative and experience a taste of the new course, which will be available in spring of 2020. Watch course simulation station demonstrations, listen to site experiences from ICU Liberation Collaborative participants, and learn more about the growing number of available ICU Liberation resources.

The ICU
Liberation Lab
will be at
the entrance
of Exhibit
Hall C.

		nun o
Times	Topic	Speakers
Sunday, February 16,	2020	
9:30 A.M. – 10:00 A.M.	ICU Liberation Bundle Adult Minimum Data Set	Patricia J. Posa
10:00 A.M. – 10:30 A.M.	ICU Liberation Bundle Pediatric Minimum Data Set	Chani S. Traube, John C. Lin
12:45 P.M. – 1:45 P.M.	Interprofessional Team Rounding Demonstration	Joanna L. Stollings
2:45 P.M. – 3:45 P.M.	ICU Liberation Collaborative Site Experiences	Atrium Health, Indiana University Health Arnett Hospital, Mayo Clinic
Monday, February 17,	2020	
8:45 A.M. – 9:15 A.M.	ICU Liberation Bundle Adult Minimum Data Set	Patricia J. Posa
9:15 A.M. – 9:45 A.M.	ICU Liberation Bundle Pediatric Minimum Data Set	Chani S. Traube, John C. Lin
12:15 P.M. – 1:15 P.M.	Early Mobility Demonstration	Heidi J. Engel
2:15 P.M. – 3:15 P.M.	ICU Liberation Collaborative Site Experiences	Tennessee Valley Healthcare System VA Medical Center, Seattle Children's Hospital
Tuesday, February 18,	2020	
8:45 A.M. – 9:15 A.M.	ICU Liberation Bundle Adult Minimum Data Set	Patricia J. Posa
9:15 A.M. – 9:45 A.M.	ICU Liberation Bundle Pediatric Minimum Data Set	Chani S. Traube, John C. Lin
12:15 P.M. – 1:15 P.M.	Assessment Tools Demonstration	Mary Ann Barnes-Daly

Program and faculty are subject to change.



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Access/Special Assistance

Efforts have been made to ensure that every Congress session and event is accessible to those with disabilities. If you have any special needs or requirements for participation in a Congress activity, please notify an SCCM staff member at the Special Assistance Booth, located in the Hall C Lobby. An electric scooter is also available for use within the convention center at no charge and may be reserved at the Special Assistance Booth, located in Hall C Lobby.

Badges

Congress badges are required for entrance to all Congress functions and events, including concurrent educational sessions and the Exhibit Hall. To enter a ticketed session or event, you must present your badge. Lost badges may be replaced at the SCCM registration desk, located in the Hall C Lobby. A nominal fee may be charged for replacement badges. SCCM Council members and leaders, Congress Program Planning Committee members, and Congress faculty and moderators are easily identified by the ribbons affixed to their badges.

Business Center

The FedEx Office is in the Hall C Lobby and will be open during all Congress activities. Services include photocopying, faxing, and shipping. Major credit cards are accepted for services and purchases. For your convenience, you can email files directly to usa3996@fedex.com and your orders will be ready when you arrive.

Childcare Services

SCCM has secured complimentary childcare services through KiddieCorp. Children aged 6 months to 12 years can attend at the Hyatt Regency Orlando, on a first come, first-served basis. Space is limited. You can register online at sccm.org/congress.

Coat and Luggage Check

Coat and luggage check services are available in the Hall C Lobby of the convention center during the following hours:

FRIDAY, FEBRUARY 14, 2020	6:30 A.M 5:45 P.M.
SATURDAY, FEBRUARY 15, 2020	6:45 A.M 5:45 P.M.
SUNDAY, FEBRUARY 16, 2020	6:45 A.M 6:15 P.M.
MONDAY, FEBRUARY 17, 2020	5:30 A.M 6:00 P.M.
TUESDAY, FEBRUARY 18, 2020	5:30 A.M 6:00 P.M.
WEDNESDAY, FEBRUARY 19, 2020	7:30 A.M 12:00 P.M.

Fee: \$2.00 per item



Coffee/Dining

Concessions will be open in Exhibit Hall C and throughout the convention center during Exhibit Hall hours. Additional options are available within walking distance of the convention center. For a map of local restaurants, please stop by the Information Desk, located outside of session room W311.

Congress On Demand

Full Congress attendees gain access to Congress On Demand for continued learning after the live event. Congress On Demand contains the audio recordings and slides from hundreds of individual presentations drawn from the concurrent, joint, and plenary educational sessions, as well as symposia. Your subscription to this resource is included in your Congress registration fee. You will receive an email with access instructions approximately two weeks after Congress has ended. Non-full Congress attendees can purchase Congress On Demand in the SCCM Online Store.

Continuing Education Information

For information on learning objectives, credit hours, and instructions on how to claim your continuing medical education/continuing education and maintenance of certification credit, please visit sccm.org/congress. Computer stations are available in the Hall C Lobby. If you have any questions, please contact SCCM Customer Service by email at support@sccm.org or by phone at +1 847 827-6888.

Critical Connections Cafe

The Critical Connections Cafe, located in Exhibit Hall C presents a whole range of critical care resources in a single, one-stop venue. Check out SCCM products and merchandise, become an SCCM member, have your membership questions answered, update your SCCM profile information, and more.

Emergency Procedures

In the event of a life-threatening emergency at the Orange County Convention Center, dial 911. Provide your location within the facility to the 911 dispatcher (eg, West concourse, Exhibit Hall C, meeting room). After calling 911, please notify the SCCM Command Center at +1 847 827-7860.

Exhibit Hall Hours

The Exhibit Hall, located in Hall C, will be open during the following hours:

SUNDAY, FEBRUARY 16, 2020	9:30 A.M 3:45 P.M.
MONDAY, FEBRUARY 17, 2020	8:30 A.M 3:30 P.M.
TUESDAY, FEBRUARY 18, 2020	8:30 A.M 1:30 P.M.

For immediate first aid assistance, medical services are available in the First Aid Office, located off Hall C Lobby.

Continued on page 18

Information Desk

Stop by the Information Desk for details on local dining, attractions, technical support, and other general questions. The Information Desk is located outside session room W311.

Interpretation Services

The opening session will be interpreted in Spanish. Listening devices will be available outside Hall B4 one hour before the opening session.

Lost and Found

The lost and found is located at the Information Desk located outside session room W311.

Mothers Room

A room for nursing mothers is available off the Hall C Lobby. The room is equipped with a locking door, comfortable furniture, and power outlets.

Recording and Photography

Some information presented during educational sessions is unpublished. Please refrain from photographing slides of presenting authors who display the "No Social Media" icon on their materials. Be respectful and do not share information of presenting authors who verbally opt out of social media or who display the "No Social Media" icon on their materials. The "No Social Media" icon looks like this:

No personal photography or recording is allowed in the Exhibit Hall at any time.

Registration

Registration is located in the Hall C Lobby and will be open during the following hours:

THURSDAY, FEBRUARY 13, 2020	4:00 P.M 7:00 P.M.
FRIDAY, FEBRUARY 14, 2020	6:30 A.M 5:15 P.M.
SATURDAY, FEBRUARY 15, 2020	6:30 A.M 5:15 P.M.
SUNDAY, FEBRUARY 16, 2020	7:30 A.M 6:00 P.M.
MONDAY, FEBRUARY 17, 2020	5:15 A.M 5:45 P.M.
TUESDAY, FEBRUARY 18, 2020	5:15 A.M 5:15 P.M.
WEDNESDAY, FEBRUARY 19, 2020	7:45 A.M 11:45 A.M.

Self-serve registration kiosks are also available in the lobbies of the Hyatt Regency Orlando, Rosen Plaza, and Rosen Centre, Thursday through noon on Monday.



SCCM Bookstore

The SCCM bookstore is located in the Valencia Ballroom Lobby on the fourth floor of the convention center. Limited items are also for sale in the Critical Connections Cafe located in Exhibit Hall C.

Session Protocol

To ensure a pleasant meeting environment for all Congress participants, meeting room temperatures are maintained to provide optimal comfort. A light jacket or sweater is recommended. Please note that all guests, including children, must be registered for Congress. Only registered Congress attendees and guests are allowed entrance to Congress sessions and the Exhibit Hall. Children 16 years and younger must always be accompanied by an adult.

Speaker Ready Room

At least one hour before their sessions, faculty must submit their presentations in Room W209BC, which is open during the following hours:

THURSDAY, FEBRUARY 13, 2020	4:00 P.M 7:00 P.M.
FRIDAY, FEBRUARY 14, 2020	6:30 A.M 5:15 P.M.
SATURDAY, FEBRUARY 15, 2020	6:30 A.M 5:15 P.M.
SUNDAY, FEBRUARY 16, 2020	7:30 A.M 6:00 P.M.
MONDAY, FEBRUARY 17, 2020	5:15 A.M 5:45 P.M.
TUESDAY, FEBRUARY 18, 2020	5:15 A.M 5:15 P.M.
WEDNESDAY, FEBRUARY 19, 2020	. 7:45 A.M 11:45 A.M.

Stop the Bleed®

Attend a (STB) Stop the Bleed® Course and become an STB instructor. Located in Exhibit Hall C, training sessions led by the SCCM Surgery Section will be held multiple times each day.

Time Zone

All Congress sessions and events take place in Eastern Standard Time.

IN-SESSION TWITTER MODERATORS

Join the conversation at a Congress session via Twitter. Select sessions will feature Twitter Moderators focused on elevating the online conversation for session attendees, as well as those not in attendance.

Follow these hashtags throughout the meeting to join the conversation. Session titles and details are shown below.

Don't forget to also use the Congress hashtag #CCC49 for all your tweets!



Times	Session Title	Hashtag			
Sunday, February 16, 2020					
10:30 A.M 11:30 A.M.	Data Science 101	#DataScience			
10:30 A.M 12:30 P.M.	The Holy Grail of Septic Shock Resuscitation and Outcomes	#Sepsis			
11:45 A.M. – 12:45 P.M.	Personalized Medicine Versus Protocolized Care for Sepsis	#Sepsis			
Monday, February 17, 2020					
9:45 A.M 11:45 A.M.	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children	#Sepsis #PedsICU			
3:15 P.M 4:15 P.M.	Controversies in Delirium: This Drug, That Drug, No Drugs at All!	#Delirium			
4:30 P.M 5:30 P.M.	Up in Smoke: Managing e-Cigarette or Vaping Product Use-Associated Lung Injury (EVALI) in the ICU	#Vaping			
Tuesday, February 18, 2020					
11:00 A.M 12:00 P.M.	Family Presence in the ICU: Does It Make a Difference?	#FamilyPresence			
4:00 P.M 5:00 P.M.	Year in Review: Pediatrics	#PedsICU			
Wednesday, February 19, 2020					
10:45 A.M 11:45 A.M.	The Elephant in the Room: The Many Impacts of Bias	#ImplicitBias			

You don't have to wait for a Twitter moderated session to participate in conversations happening on social media. Look for hashtags used around important topics such as pediatrics (**#PedsICU**), data science (**#DataScience**), and Spanish-language activities (**#CCC49espanol**).

CALL FOR APPLICATIONS

SUBMISSION PERIOD: APRIL 1 THROUGH MAY 30, 2020

Society of Critical Care Medicine

Research Grants

The Society of Critical Care Medicine (SCCM) offers several funding opportunities for critical care professionals seeking support for their research. SCCM seeks to sponsor research efforts that will ultimately improve patient care both during and after an intensive care unit stay. Investigator-initiated research should help advance and improve clinician understanding of critical illness and patient care.

Funding will be provided by the following grants: SCCM-Weil Research Grants (up to two grants of \$50,000 each) and the Discovery Research Grants (total of \$100,000).

Applications should fit into one of the following key research areas:

- General Principles
- Basic Science/Cellular Research
- Translational Research
- Clinical Research
- Health Service and Delivery Research
- Education Research
- Patients and Families: Survivorship and Recovery



Society of Critical Care Medicine

For more information on these research areas and application submission, visit www.sccm.org/ResearchGrants.

Please note: Investigators must be current SCCM members and must remain so throughout the life of the grant. Applications are encouraged from both established and junior investigators. Only one application may be submitted by each investigator. Award notification will occur in November 2020 with grant support initiated in January 2021. Recipients will be recognized at SCCM's 50th Critical Care Congress, which will be held January 31 to Februray 3, 2020, in Anaheim, California, USA.



DATA SCIENCE TRACK

An immense amount of data originates from critical care. How do you make sense of it all? Learn about the rapidly expanding field of data science in critical care, including uses of machine learning and artificial intelligence in patient care and what these new advances mean for the critical care professional.

Join the conversation about data science on Twitter by following the **#DataScience** hashtag during Congress. Don't forget to also use the Congress hashtag **#CCC49** for all your tweets!

Times	Session Title	Moderator(s)	Room
Sunday, Feb	ruary 16, 2020		
10:30 A.M. – 11:30 A.M.	Data Science 101 In-Session Twitter Moderator #DataScience	Piyush Mathur, James C. Fackler	OCCC - W315
11:45 A.M. – 12:45 P.M.	Using National Datasets to Drive Quality Improvement in Pediatric Critical Care	Vicki L. Montgomery	OCCC - W315
3:45 P.M 4:45 P.M.	Datathon Winner Presentations	Lewis Kaplan, Greg Martin	OCCC-W315
Monday, Fel	oruary 17, 2020		
9:45 A.M. – 10:45 A.M.	Pro/Con Debate: Dr. Human or Dr. Al: Who Should Decide in the ICU?	Timothy G. Buchman	OCCC - W315
11:00 A.M. – 12:00 P.M.	The Role of Machine Learning in Critical Care Medicine	Teresa A. Rincon, Jose I. Suarez	OCCC - W315
3:15 P.M. – 5:15 P.M.	Data Science and Machine Learning for the Intensivist	Robert D. Stevens	OCCC - W315
Tuesday, Fel	bruary 18, 2020		
9:45 A.M. – 10:45 A.M.	Year in Review: Research: Leveraging Machines and Artificial Intelligence in the ICU	Scott Bolesta	OCCC - W315
11:00 A.M. – 12:00 P.M.	Precision Medicine for the Patient with Cardiac Arrest	Gilles Clermont	OCCC - W315
2:45 P.M. – 3:45 P.M.	The Prediction Game: Intelligent Uses of Artificial Intelligence	Andre Holder	OCCC - W315
4:00 P.M. – 5:00 P.M.	Optimizing Early Detection of Critical Illness Outside the ICU: Is Sophisticated Better?	Randy S. Wax	OCCC - W315
Wednesday,	February 19, 2020		
9:30 A.M. – 11:30 A.M.	Clinical Informatics and Artificial Intelligence in Critical Care: The Scientific Literature	Robert D. Stevens, Vitaly Herasevich	OCCC - W315

Program and faculty are subject to change.

Help Improve Your Patient Outcomes and Help Reduce Healthcare Costs

Bring the Society of Critical Care Medicine's educational content to your institution or organization.

All courses combine dynamic presentations with hands-on skill stations to form a thorough learning experience and prepare healthcare professionals to manage critically ill and injured patients.

Ultrasound Courses

- Critical Care Ultrasound: Adult
- Critical Care Ultrasound: Pediatric and Neonatal
- Advanced Critical Care Ultrasound: Adult

Fundamentals Courses

- Fundamental Critical Care Support
- Pediatric Fundamental Critical Care Support
- Fundamental Disaster Management
- Fundamental Critical Care Support: **Tropical Diseases**
- Fundamental Critical Care Support: Obstetrics

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Society of Critical Care Medicine

The Intensive Care Professionals

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CRITICAL CROSSTALK THEATER

Society of Critical Care Medicine

The Intensive Care Professionals

Participate in stimulating discussions on critical care with SCCM faculty members in Exhibit Hall C.



No CE/CME for these sessions.

Crosstalk Sessions	Times	Title	Moderator(s)
Sunday, February	16, 2020		
In-Training Section	9:30 A.M. – 10:30 A.M.	Teaching Millennials: Are PowerPoint Slides Still Enough?	Roshni Sreedharan
Emergency Medicine Section	10:30 A.M. – 11:30 A.M.	Palliative Care Emergencies: From the ED to the RRT	Javier Lorenzo
Pediatrics Section	11:45 A.M. –12:45 P.M.	Admission, Discharge, and Triage Practice Statement and Levels of Care Guidance, a Joint AAP/SCCM Guideline	Saul Flores
ICU Heroes	12:45 P.M. – 1:45 P.M.	Practice Lessons in Recovery From Critical Illness	Marie T. Pavini
Nursing Section	2:45 P.M. – 3:45 P.M.	Critical Conversation: Providing Gender- and Orientation-Affirming Patient Care: Critical Care Updates and Ethical Considerations	Siddharth Dugar
Monday, Februar	y 17, 2020		
Research Section	8:45 A.M. – 9:45 A.M.	Improving Research Through Data Sharing With Clinical Trials	Saraschandra Vallabhajosyula
Clinical Pharmacy and Pharmacology Section	9:45 A.M. – 10:45 A.M.	Antimicrobial Stewardship Practices in the Intensive Care Unit	Javier Lorenzo
Respiratory Care Section	11:00 A.M. – 12:00 P.M.	Mechanical Ventilation of the Morbidly Obese Patient	Siddharth Dugar
Journals	12:15 P.M. – 1:15 P.M.	Critical Care Explorations: SCCM's Open-Access Journal	Siddharth Dugar
Surgery Section	2:15 P.M. – 3:15 P.M.	Failure to Rescue in the ICU: Harnessing Technological Trends to Predict Clinical Deterioration Before It Occurs	Dennis Y. Kim
Tuesday, Februar	y 18, 2020		
Critical Care Quiz Show	8:45 A.M. – 9:45 A.M.	Critical Care Quiz Show	Ashish K. Khanna, Salman Ahmad
Anesthesiology Section	9:45 A.M. – 10:45 A.M.	No Two Airways Are the Same	Ashish K. Khanna
Neuroscience Section	11:00 A.M. – 12:00 P.M.	Critical Care Education: Integrated Programs or Subspecialty Training?	Saraschandra Vallabhajosyula
Osteopathic Medicine Section	12:15 P.M. – 1:15 P.M.	So You Want to Be an ICU Medical Director? Now What?	Roshni Sreedharan

Program and faculty are subject to change.

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Visit BioFire booth #907 to learn more.





Monday, February 17, 2020 • 6:00 рм – 7:30 рм

Hyatt Regency Orlando

Plaza Ballroom Salon I Orlando, FL Victor F Tapson, MD, FCCP, FRCP

Director, Clinical Research for the Women's Guild Lung Institute

Director, Venous Thromboembolism and Pulmonary Vascular Disease Research Program Associate Director, Pulmonary and Critical Care Division

Cedars-Sinai Medical Center
Los Angeles, California

PROGRAM DESCRIPTION

This lecture will discuss treatment options for patients with deep vein thrombosis (DVT) and/or pulmonary embolism (PE), and how they may reduce the risk of recurrent thrombotic events.

In adherence with PhRMA guidelines, spouses or other guests are not permitted to attend company-sponsored programs.

For all attendees, please be advised that information such as your name and the value and purpose of any educational item, meal, or other items of value you receive may be publicly disclosed. If you are licensed in any state or other jurisdiction, or are an employee or contractor of any organization or governmental entity, that limits or prohibits meals from pharmaceutical companies, please identify yourself so that you (and we) are able to comply with such requirements.

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FRIDAY, FEBRUARY 14, 2020

7:30 A.M. - 4:30 P.M. - Room: OCCC - W414

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Advanced Pharmacotherapy in Critical Care - Day 1 (see page 32 for Day 2)

Moderator: Drayton A. Hammond

- Continental Breakfast
- Venovenous Versus Venoarterial ECMO: Pulsatile Versus Nonpulsatile Ventricular Assist Devices
- Hemodynamic Alterations and Impacts on Vasopressor Therapies
- Anticoagulation Strategies
- Medication Dosing Considerations
- Neuroleptic Malignant Syndrome
- · Malignant Hyperthermia
- Serotonin Syndrome
- · Reversing Direct Oral Anticoagulants
- · Reversing Bleeding on Antiplatelet Agents
- Investigational Reversal Agents and Alternative Dosing Strategies for Prothrombin Complex Concentrate Products

7:30 A.M. - 4:45 P.M. • Room: Orlando Health Institute for Learning

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Fundamental Critical Care Support: Obstetrics - Day 1 (see page 31 for Day 2)

Shuttle transportation to Orlando Health Institute for Learning departs at 6:30 A.M. from the Convention Center. Shuttle transport will return attendees to the Convention Center at the course conclusion.

Moderators: Lauren A. Plante, Scott A. Harvey

- Continental Breakfast
- · Welcome, Course Introduction, and Pretest
- Physiologic Changes During Pregnancy
- Hemodynamic Monitoring
- Preeclampsia and Eclampsia
- · Sepsis in Pregnancy and the Puerperium
- · Airway Management in the Pregnant Patient
- Lunch
- Mechanical Ventilation
- Maternal Mortality and Cardiac Arrest
- Skill Stations:
 - » Cardiac Arrest in the Pregnant Patient
 - » Urosepsis Complicated by ARDS
 - » Management of Severe Preeclampsia and Eclampsia
- Day 1 Wrap-Up

7:30 A.M. - 5:30 P.M. • Room: Hyatt Regency Orlando - Plaza International Ballroom E

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Critical Care Ultrasound: Adult - Day 1 (see page 32 for Day 2)

Moderators: Paul K. Mohabir, Alberto Goffi

- · Continental Breakfast
- · Welcome and Introductions
- Pretest Review
- Basic Physics and Knobology
- Fundamental Echocardiography Views
- Skill Stations:
 - » Apical Views
 - » Parasternal Views
 - » Subcostal Views
- · Lunch and Clinical Cases
- · Basic Evaluation of Left Ventricular Function and Cardiac Output
- Basic Evaluation of Right Ventricular Function
- Intravascular Volume Assessment
- · Skill Stations:
 - » Cardiac Output
 - » Volume Assessment
 - » Left/Right Ventricular Function
- Clinical Cases and Interactive Questions

7:30 A.M. - 6:30 P.M. - Room: OCCC - W315

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

NO CE/CME FOR THIS SESSION

Data Science Datathon - Day 1 (see page 33 for Day 2)

Moderator: Leo Anthony G. Celi

- · Continental Breakfast
- · Data Science in Critical Care Medicine Overview
- · Overview of Process, Connecting, and User Tools
- Topic and Team Introductions
- Teams Work on Research
- Lunch
- · Teams Work on Research
- Dinner

8:00 A.M. - 5:00 P.M. - Room: OCCC - Valencia Ballroom A

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Airway and Mechanical Ventilation Management for the Critically III Patient – Day 1 (see page 34 for Day 2)

Moderators: Edward A. Bittner, Susan R. Wilcox

- · Continental Breakfast
- Welcome and Overview
- Overview of Airway Practices, Complications, and Outcomes
- Intubation Medications
- · Laryngoscopy: Direct Laryngoscopy and Videolaryngoscopy
- Skill Stations:
 - » Overview of Airway Practices
 - » Intubation Medications
 - » Laryngoscopy: Direct Laryngoscopy and Videolaryngoscopy
- Lunch
- Surgical Airways
- Team Approach to Airway Management
- Advanced Airway Techniques
- Skill Stations:
 - » Surgical Airways
 - » Team Approach to Airway Management
 - » Advanced Airway Techniques
- · Recap and Adjournment

8:00 A.M. - 5:00 P.M. - Room: OCCC - W311A

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Current Concepts in Adult Critical Care - Day 1 (see page 34 for Day 2)

Moderators: Michael J. Connor Jr, Jacqueline Y. Steuer

- Continental Breakfast
- Welcome
- Atrial Fibrillation in Critically III Patients
- Acute Mechanical Circulatory Support
- · Conversing With the Experts: Panel Discussion
- Corticosteroid Use in the Critically III
- Glucose Management and Hyperglycemia
- · Conversing With the Experts: Panel Discussion
- Lunch
- · Multidrug-Resistant Pathogens in the ICU: Mechanisms of Resistance and Newer Antibiotics
- · Principles and Practice of Anticoagulation: Agents and Monitoring; Past, Present, Future, and Reversal
- · Conversing With the Experts: Panel Discussion
- Noninvasive Ventilation: Who, When, and How
- Mechanical Ventilation: Lung-Protective Approaches and Ventilator Liberation
- · Conversing With the Experts: Panel Discussion
- Closing Remarks

8:00 A.M. - 5:00 P.M. • Room: OCCC - W311E

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Current Concepts in Pediatric Critical Care - Day 1 (see page 35 for Day 2)

Moderators: Elizabeth S. Goswami, Utpal S. Bhalala

- Continental Breakfast
- Welcome and Opening Remarks
- Postoperative Management Following Surgery for Complex Congenital Heart Disease
- Noninvasive and Invasive Hemodynamic Monitoring
- · Transfusion Thresholds in Critically III Children
- Massive Bleeding
- · Panel Discussion
- Lunch
- Preventing Health Care-Acquired Harm in the Pediatric ICU
- · Complications of Vascular Access Devices
- · Rounding and Family Engagement in the Pediatric ICU
- Management of Diabetic Ketoacidosis in the Pediatric ICU: Updates and Controversies
- Panel Discussion
- Closing Remarks

8:00 A.M. - 5:00 P.M. - Room: OCCC - Valencia Ballroom D

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

ICU Liberation Simulation - Day 1 (see page 33 for Day 2)

Moderators: Patricia J. Posa, Arna Banerjee

- Continental Breakfast
- Welcome and Overview
- Licensed Course Overview
- Becoming an Instructor
- ICU Liberation Course Design and Instruction
- Critical Care History: The Building of the ICU Liberation Bundle
- A: Assess, Prevent, and Manage Pain
- B: Both Spontaneous Awakening Trials and Spontaneous Breathing Trials
- Lunch
- C: Choice of Analgesia and Sedation
- D: Delirium: Assess, Prevent, and Manage
- Key Components of Running Simulation Sessions
- Introduction to Simulation Session: Assessment Tools
- · Simulation Session: Assessment Tools
- · G: Good Sleep Hygiene
- Questions and Adjournment

7:30 A.M. - 5:00 P.M. • Room: OCCC - W312

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Cardiopulmonary Resuscitation, Electrolyte, and Acid-Base Disorders for the Veterinary Emergency and Critical Care Specialist – Day 1: Acid-Base and Electrolyte Disorders in Critically III Veterinary Patients (see page 35 for Day 2)

Moderator: Elizabeth Davidow

- Continental Breakfast
- Traditional Acid-Base Disorders
- · Potassium and Magnesium
- Sodium
- Lunch
- Nontraditional Acid-Base Disorders
- Chloride
- Lactate
- Calcium

8:00 A.M. - 5:45 P.M. - Room: OCCC - W304A

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Fundamental Critical Care Support: Resource Limited - Day 1 (see page 32 for Day 2)

Moderators: Matthew A. Borgman, Jeremy C. Pamplin

- Continental Breakfast
- Welcome and Introduction
- Case 1: Skill Station: Medical Critical Care in the Austere and Operational Environment
- Case 2: Skill Station: Fever in the Tropics
- Lunch
- Skill Stations:
 - » Transport Ventilator Setup
 - » Setting Up Sedation Infusion Without an IV Pump
 - » Packaging the Patient
- · Case 3: Skill Station: Pediatric Burn Event
- Review of Diarrheal Case Status and Ventilated Patient Status

8:00 A.M. – 7:00 P.M. • Room: Hyatt Regency Orlando - Plaza International Ballroom I

 $PRE ext{-}CONGRESS \ EDUCATIONAL \ SESSION - ADDITIONAL \ REGISTRATION \ REQUIRED$

Critical Care Ultrasound: Pediatric and Neonatal - Day 1 (see page 31 for Day 2)

Moderators: David Kantor, Maria V. Fraga

- Continental Breakfast
- Welcome and Overview
- Ultrasound Physics and Machine Basics
- Focused Cardiac Ultrasound
- Qualitative Assessment of Left Ventricular Function
- · Lung and Thoracic Examination
- Focused Assessment With Sonography in Trauma (FAST) and Focused Assessment for Free Fluid (FAFF)
 Examinations
- Lunch and Clinical Cases
- Skill Stations:
 - » Parasternal Views
 - » Apical and Subcostal Views
 - » Focused Cardiac Ultrasound: Augmented Reality
- · Assessing Right Ventricular Function, Pressure, and Volume
- Predicting Volume Responsiveness
- Ultrasound Guidance for Pediatric and Neonatal Procedures
- · Ultrasound in the Perioperative Setting
- · Skill Stations:
 - » Lung and Thoracic Examinations
 - » Vascular Procedures
 - » Left and Right Ventricular Function



SATURDAY, FEBRUARY 15, 2020

7:00 A.M. - 4:30 P.M. • Room: Orlando Health Institute for Learning

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Fundamental Critical Care Support: Obstetrics - Day 2 (see page 27 for Day 1)

Shuttle transportation to Orlando Health Institute for Learning departs at 6:30 A.M. from the Convention Center. Shuttle transport will return attendees to the Convention Center at the course conclusion.

Moderators: Lauren A. Plante, Scott A. Harvey

- Continental Breakfast
- Welcome
- Obstetric Hemorrhage
- Non-Obstetric Surgical Diseases in the Pregnant Patient
- Management of Delivery and the Newborn
- · Fetal Evaluation and Fetal Concerns in the Critically III Pregnant Patient
- · Transport of the Critically III Pregnant Patient
- Thromboembolic Disease and Pregnancy
- · Lunch and Instructor Curriculum Presentation
- Skill Stations:
 - » Postpartum Hemorrhage
 - » Vaginal Delivery
 - » Neonatal Resuscitation
- Day 2 Wrap-Up
- Posttest

7:00 A.M. - 5:00 P.M. • Room: Hyatt Regency Orlando - Plaza International Ballroom I PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Critical Care Ultrasound: Pediatric and Neonatal – Day 2 (see page 30 for Day 1)

Moderators: David Kantor, Maria V. Fraga

- · Continental Breakfast
- Review
- Skill Stations:
 - » Focused Assessment With Sonography in Trauma (FAST) and Focused Assessment for Free Fluid (FAFF) Assessment of Gastric Contents
 - » Predicting Volume Responsiveness
 - » Lumbar Puncture and Thoracentesis
- Quantitative Assessment of Left Ventricular Function
- Pericardial Fluid and Pulmonary Embolism
- Shock and Cardiac Arrest
- Lunch and Clinical Cases
- Skill Stations:
 - » Ask the Expert and Pathology Review
 - » Scenario 1
 - » Scenario 2
- Diagnostic Applications in the Neonate
- Education and Program Development
- Interactive Cases
- · Moving Forward: Progressing at Home

7:15 A.M. - 5:30 P.M. • Room: Hyatt Regency Orlando - Plaza International Ballroom E

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Critical Care Ultrasound: Adult - Day 2 (see page 28 for Day 1)

Moderators: Paul K. Mohabir, Alberto Goffi

- · Continental Breakfast
- Questions and Overview
- Pulmonary Embolism: Diagnosis and Physiology
- · Tamponade: Diagnosis and Physiology
- · Evaluation of Pneumothorax, Pleural Effusions, and Thoracentesis
- Echocardiographic Approach to Shock
- Skill Stations:
 - » Lung: Pleural Effusions and Thoracentesis
 - » Tamponade Evaluation
 - » Focused Assessed Transthoracic Echocardiography (FATE) Examination
- · Lunch and Clinical Cases
- Vascular Ultrasound
- Focused Assessment With Sonography in Trauma (FAST) Examination
- Skill Stations:
 - » FAST Examination
 - » Vascular Ultrasound
- » Ask the Expert
- · Clinical Cases and Interactive Questions
- Questions, Answers, and Moving Forward

7:30 A.M. - 4:45 P.M. • Room: OCCC - W304A

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Fundamental Critical Care Support: Resource Limited - Day 2 (see page 30 for Day 1)

Moderators: Matthew A. Borgman, Jeremy C. Pamplin

- Continental Breakfast
- Welcome
- · Case 4: Skill Station: Mass Casualty Incident
- · Safety and Security
- Ventilated Patient Follow-Up
- Lunch
- · Short Didactic Talks:
 - » Pregnancy
 - » Acute Coronary Syndrome
 - » Environmental Exposures
 - » Electrolytes
- · Course Review and Final Questions
- Posttest and Evaluation
- Wrap-Up and Action Review

7:30 A.M. - 4:45 P.M. • Room: OCCC - W414

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Advanced Pharmacotherapy in Critical Care - Day 2 (see page 27 for Day 1)

Moderator: Drayton A. Hammond

- Continental Breakfast
- Laboratory-Guided Antimicrobial Therapy
- Resuscitation Controversies: Fluid Choices, Protocol Versus Non-Protocol
- Emerging Therapies: Thiamine, Vitamin C, and Angiotensin II
- Obesity
- · Hypermetabolic Patients, Such as Those With Traumatic Brain Injury and Augmented Renal Clearance
- Lunch
- Dosing in the Face of Resistance
- Ketamine
- · Non-Opioid Strategies: Enhanced Recovery After Surgery Protocols, Gabapentin, Regional Blocks, and Lidocaine
- Nontraditional Strategies for the Management of Agitation

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7:30 A.M. - 5:30 P.M. - Room: OCCC - W315

 $\label{eq:pre-congress} \textit{PRE-CONGRESS EDUCATIONAL SESSION} - \textit{ADDITIONAL REGISTRATION REQUIRED} \\ \textit{NO CE/CME FOR THIS SESSION}$

Data Science Datathon - Day 2 (see page 28 for Day 1)

Moderator: Leo Anthony G. Celi

- Continental Breakfast
- Recap and Introduction to Judging Criteria
- Teams Work on Research
- Luncl
- Teams Work on Research and Presentation
- Team Presentations, Judging, and Announcement of Winners

8:00 A.M. - 12:00 P.M. - Room: OCCC - W307

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Master Class: Cardiovascular Physiology

Moderator: Steven M. Hollenberg

- Continental Breakfast
- Welcome
- · Core Principles: Left Ventricular Systolic Function
- · Core Principles: Right Heart Function
- · Core Principles: Heart-Lung Interactions and Effects of Positive Pressure
- Core Principles: Arterial Stiffness and Ventriculoarterial Coupling
- Questions and Panel Discussion
- Hemodynamic Assessment: Intravascular Volume and Volume Responsiveness
- · Hemodynamic Assessment: Diastolic Function
- Hemodynamic Assessment: Invasive Hemodynamic Monitoring
- Hemodynamic Management: Fluid Resuscitation
- · Questions and Panel Discussion
- · Hemodynamic Management: Vasoactive Medications
- Hemodynamic Management: Inotropic Therapy
- Hemodynamic Management: Mechanical Circulatory Support
- · Questions, Panel Discussion, and Course Evaluation

8:00 A.M. - 3:30 P.M. - Room: OCCC - Valencia Ballroom D

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

ICU Liberation Simulation - Day 2 (see page 29 for Day 1)

Moderators: Patricia J. Posa, Arna Banerjee

- Continental Breakfast
- Day 1 Recap
- · E: Early Mobility and Rehabilitation
- · F: Family Involvement During and After Intensive Care
- Introduction to Simulation Session: Rehabilitation and Mobility
- Simulation Session: Rehabilitation and Mobility Demonstration
- · Introduction to Simulation Session: Family
- · Simulation Session: Family
- Lunch
- Post-Intensive Care Syndrome
- · Implementation Strategies
- What Have We Learned?
- · Posttest and Adjournment

8:00 A.M. - 5:00 P.M. - Room: OCCC - Valencia Ballroom A

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Airway and Mechanical Ventilation Management for the Critically III Patient – Day 2 (see page 28 for Day 1)

Moderators: Edward A. Bittner, Susan R. Wilcox

- Continental Breakfast
- Welcome and Overview
- Safe Mechanical Ventilation
- Patient-Ventilator Dyssynchrony
- Refractory Hypoxemia: Now What?
- Skill Stations:
 - » Safe Mechanical Ventilation
 - » Patient-Ventilator Dyssynchrony
 - » Refractory Hypoxemia: Now What?
- Lune
- Noninvasive Ventilation and High-Flow Nasal Canula
- Disease-Specific Strategies
- Patients Who Are Difficult to Wean
- Skill Stations:
 - » Noninvasive Ventilation and High-Flow Nasal Canula
 - » Disease-Specific Strategies
 - » Patients Who Are Difficult to Wean
- · Recap: Moving Forward

8:00 A.M. - 5:00 P.M. - Room: OCCC - W311A

 $PRE ext{-}CONGRESS$ EDUCATIONAL SESSION-ADDITIONAL REGISTRATION REQUIRED

Current Concepts in Adult Critical Care - Day 2 (see page 29 for Day 1)

Moderators: Michael J. Connor Jr, Jacqueline Y. Steuer

- Continental Breakfast
- Welcome Back
- Hepatic Tipping Points: Acute and Acute-on-Chronic Liver Failure in the ICU
- Intra-Abdominal Hypertension and Abdominal Compartment Syndrome
- Conversing With the Experts: Panel Discussion
- · Special Populations: Cancer and Transplant in the ICU
- Neurocritical Care Guideline Update: What the Intensivist Needs to Know
- · Conversing With the Experts: Panel Discussion
- Lunch
- Sepsis Recognition and Management: Bringing Theory and Guidelines Closer to Practice
- Volume Management in the Critically III
- Conversing With the Experts: Panel Discussion
- · Staffing Strategies in the ICU: Advanced Practice Providers and Tele-ICU
- Pharmacotherapy Updates in Pain, Agitation, and Delirium Management
- Conversing With the Experts: Panel Discussion
- · Closing Remarks

8:00 A.M. - 5:00 P.M. - Room: OCCC - W311E

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Current Concepts in Pediatric Critical Care - Day 2 (see page 29 for Day 1)

Moderators: Elizabeth S. Goswami, Utpal S. Bhalala

- Continental Breakfast
- Welcome and Opening Remarks
- Neurologic Dilemmas
- Neuroprotective Strategies
- Drug Dosing Considerations in Acute Kidney Injury and Renal Replacement Therapies
- · Sepsis-Induced Multiple Organ Dysfunction Syndrome
- Panel Discussion
- Lunch
- Procedural Sedation
- · Difficult Airway Management of the Critically III Pediatric Patient
- · Ventilation Waveforms and Synchronization
- · Chronically Critically III Children
- Panel Discussion
- · Closing Remarks

8:00 A.M. - 5:00 P.M. • Room: OCCC - W312

PRE-CONGRESS EDUCATIONAL SESSION — ADDITIONAL REGISTRATION REQUIRED

Cardiopulmonary Resuscitation, Electrolyte, and Acid-Base Disorders for the Veterinary

Emergency and Critical Care Specialist – Day 2: Updates in Veterinary Cardiopulmonary Resuscitation (see page 30 for Day 1)

Moderator: Elizabeth Davidow

- Introduction
- From Myth to Evidence: The Path Toward Modern-Day Cardiopulmonary Resuscitation
- Train in Vain? Evidence for the Impact of Guidelines and Training on CPR Outcomes
- The Peculiar Physiology of Blood Flow During CPR and How to Optimize It
- Lunch
- How Does It Work? Emerging Techniques in CPR
- · Newborn Resuscitation: What's New?
- The Last Mile: Post-Cardiac Arrest Care
- After Return of Spontaneous Circulation: A Brain Too Good to Die . . . or Not? Temperature Management and Neurologic Prognostication

Held in partnership with



SUNDAY, FEBRUARY 16, 2020

8:00 A.M. - 9:30 A.M. - Room: OCCC - West Hall B4

OPENING SESSION AND LIVE BROADCAST

Welcome

2020 Presidential Address



Lewis J. Kaplan, MD, FACS, FCCM

Professor of Surgery

Perelman School of Medicine, University of Pennsylvania

Division of Trauma, Surgical Critical Care and Emergency Surgery

Section Chief, Surgical Critical Care

Director, Surgical Intensive Care Unit

Surgical Services

Corporal Michael J Crescenz VA Medical Center

Philadelphia, Pennsylvania, USA

Welcome from the FEPIMCTI President



Néstor Raimondi, MD, MCCM

Presidente FEPIMCTI (Federación Panamericana e Ibérica de Medicina Critica y Terapia Intensiva)

Jefe de División de Terapia Intensiva

Hospital Juan A. Fernandez.

Buenos Aires

Argentina

PLENARY SESSION

MAX HARRY WEIL MEMORIAL LECTURE

The Future of AI in Critical Care: A Tsunami of Predictions or a Consensus of Opinions?

Moderator: Gloria Rodriguez-Vega



Gari D. Clifford, DPhil, MA, MSc, SMIEEE

Chair, Department of Biomedical Informatics, Emory University

Professor of Biomedical Informatics and Biomedical Engineering

Department of Biomedical Informatics

Emory University

Department of Biomedical Engineering

Georgia Institute of Technology and Emory University

Adjunct Faculty, Morehouse School of Medicine

Atlanta, Georgia, USA

Distinguished Guest Professor, Tsinghua University

Beijing, China

9:30 A.M. – 10:30 A.M. • Room: Exhibit Hall C

9:30 A.M. - 10:00 A.M. - Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

9:30 A.M. - 10:30 A.M - Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

9:30 A.M - 3:45 P.M. • Room: Exhibit Hall C

Exhibit Hall Open

10:00 A.M. - 10:30 A.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

10:30 A.M. - 11:30 A.M. - Room: OCCC - Valencia Ballroom D

Atrial Fibrillation in the Critically III: What, When, How, and What If?

Moderator: Kyle B. Enfield

- Pharmacology: The First (and Last) Line of Defense?
- · Prevention Is Easier Than Cure!
- Fibrillation and Critical Illness: Where Do I Go When All Else Fails?

10:30 A.M. - 11:30 A.M. - Room: OCCC - W308

NON-CE SESSION

Become a Fellow of the American College of Critical Care Medicine

Moderator: Mary J. Reed

10:30 A.M. - 11:30 A.M. - Room: OCCC - W307

Childhood Sepsis: Taking Action Through Education (joint session of SCCM/Sepsis Alliance and the Rory Staunton Foundation)

Moderators: Scott L. Weiss, Niranjan Tex Kissoon

- Sepsis Alliance Video
- Rory Staunton Foundation Video
- Overview of Sepsis Alliance Resources
- Sepsis Education in Schools Initiative
- Post Intensive Care Syndrome Post-Sepsis in Children
- Audience Questions and Answers

10:30 A.M. - 11:30 A.M. - Room: OCCC - W315

Data Science 101 > #DataScience

Moderators: Piyush Mathur, James C. Fackler

- Data Science 101: What Do All the Buzzwords Mean?
- Advancing Critical Care Through Data Science
- The Challenges of Utilizing Data Science in Healthcare

10:30 A.M. - 11:30 A.M. - Room: OCCC - W311A

From Bedside to Webside: The Tele-Critical Care Paradigm Is Evolving

Moderators: Michael H. Ries, Christopher Palmer

- The Future State of Tele-Critical Care: To Infinity and Beyond
- · Collaboration in the Core: Taking the Multiprofessional Team to the Tele-ICU
- Virtual Sepsis Care: A Modern Approach to Fighting Sepsis

10:30 A.M. - 11:30 A.M. • Room: OCCC - W414

Point-of-Care Ultrasound in Critical Care: Credentialing Through Quality Assurance or Just Wing It?

Moderator: Gilman B. Allen

- · Credentialing the Old Dogs: Make the Commitment or Give Them a Pass?
- Training Our Professionals: Credentialing Through Quality Assurance Versus Passive Osmosis
- Quality Assurance in Point-of-Care Ultrasound: How Can We Deliver, and How Do We Find the Time?

10:30 A.M. - 11:30 A.M. - Room: OCCC - Chapin Theater

Pro/Con Debate: WhatSUP With Stress Ulcer Prophylaxis in the ICU?

Moderator: Ashish K. Khanna

- Life After the SUP-ICU Trial Results: Prophylaxis for All?
- Stress Ulcer Prophylaxis: What Are We Really Trying to Achieve?

10:30 A.M. - 12:30 P.M. - Room: OCCC - Valencia Ballroom BC

Quiet, Please! Minimizing Alarm Fatigue and Maximizing Safe Patient Care

Moderator: Barbara McLean

- More Than the Monitor: How Many Alarms Do We Face in a Day in the ICU?
- Successfully Decreasing Nuisance Alarms: Fantasy or Reality?
- Tipping Point: When Reducing Alarms and Distractions Is Unsafe
- How Can I Implement Programs to Decrease Alert Fatigue in My ICU?
- · Leveraging New Technology to Filter Important Alarms

10:30 A.M. - 12:30 P.M. - Room: OCCC - West Hall B4

The Holy Grail of Septic Shock Resuscitation and Outcomes ** #Sepsis

Moderator: Jorge L. Hidalgo

- Lactate and Lactate Clearance: Nothing Is Better
- · Physical Examination Is the Best End Point
- Scvo₂: It's All About the Oxygen Saturation
- CMS Sepsis Mandate
- Point-of-Care Ultrasound

10:30 A.M. - 12:30 P.M. • Room: OCCC - W311E

Pediatric ARDS: Do We Have Consensus?

Moderator: Martha A.Q. Curley

- Kids Are Not Little Adults: Challenges Defining Pediatric ARDS
- · PEEP and Recruitment Maneuvers: When and How
- Conventional Versus High-Frequency Ventilation: Does It Matter?
- Balancing Sedation and Mobility
- Early Venovenous ECMO Cannulation for Severe Pediatric ARDS

10:30 A.M. - 12:30 P.M. - Room: OCCC - W312

What Is the Right Formula? Designing a Successful Emergency Response Team

Moderator: Heather Meissen

- Who Is in Charge? Who Should Run the Code?
- Processes to Improve Rapid Response Teams
- Metrics for Evaluating Outcomes of Rapid Response Teams
- The Pharmacy Role in Rapid Response Teams

10:30 A.M. - 12:30 P.M. - Room: OCCC - Valencia Ballroom A

Worldwide Threats to Health Security: Critical Care Preparedness

Moderator: Donna L. Armaignac

- Twenty-First-Century Viruses
- Antiinfective Artillery: Are We Winning the Battle but Losing the War?
- Biological Threats, Pandemic Preparedness, and Containing Contagions: How Prepared Are We?
- Tragedies Depleting Critical Care Capacity
- Critical Care A La Mode During Natural Cataclysms

11:45 A.M. - 12:45 P.M. • Room: OCCC - W307

Federal Government Sepsis Priorities: Working Together to Educate, Innovate, and Optimize Patient Outcomes (NIH, CDC, CMS, and BARDA)

Moderator: Sarah Dunsmore

- · Value-Based Transformation Sepsis Initiatives
- · CDC's Work to Improve Prevention, Early Recognition, and Tracking of Sepsis
- BARDA DRIVE Solving Sepsis Program
- · Sepsis Research at the National Institutes of Health
- Panel Discussion

11:45 A.M. - 12:45 P.M. • Room: OCCC - Valencia Ballroom D

Mechanical Ventilator and Pharmacologic Strategies in the Treatment of Status Asthmaticus

Moderator: Sophia C. Rodgers

- · Ventilation Strategies for Status Asthmaticus Based on the Starling Resistor
- Mechanical Ventilator Strategies for the Patient With Status Asthmaticus
- Medications for the Treatment of Status Asthmaticus

11:45 A.M. - 12:45 P.M. • Room: OCCC - Chapin Theater

Personalized Medicine Versus Protocolized Care for Sepsis ** **Sepsis

Moderators: Robert D. Stevens, Samantha Gambles Farr

- The Case for Protocolized Sepsis Management
- Precision Medicine for Sepsis
- Protocolized and Precision Approaches Are Both Needed



11:45 A.M. - 12:45 P.M. • Room: OCCC - W311A

Pro, Con, and In Between: A Single Track to Critical Care Training and Certification

Moderator: Gilman B. Allen

- · Con: Let Our Past Dictate the Future
- · Pro: Consolidate All Critical Care Training Pathways Into One

11:45 A.M. - 12:45 P.M. • Room: OCCC - W315

Using National Datasets to Drive Quality Improvement in Pediatric Critical Care

Moderator: Vicki L. Montgomery

- Pediatric Health Information System Database (PHIS)
- · Pediatric Cardiac Critical Care Consortium
- Virtual PICU System (VPS)

11:45 A.M. - 12:45 P.M. • Room: OCCC - W414

Year in Review: Surgery

Moderator: Terence O'Keeffe

- Emergency General Surgery
- Trauma Surgery
- Surgical Critical Care

11:45 A.M. - 1:45 P.M. • Room: OCCC - W308

Finding Your Fit: The First-Job Conundrum: In-Training Section Session

Moderators: Saraschandra Vallabhajosyula, Roshni Sreedharan

- First Job Interview out of Training: What Should I Look For?
- · Identifying Your Niche: Quality/Safety, Education, Research, or Administration
- · Academic Versus Private Practice: It's a Tough Choice!
- How Do I Identify the Correct Mentor and Build a Successful Mentor-Mentee Relationship?
- There Is Value in Networking, but How Do I Network?

12:45 P.M. - 1:45 P.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

12:45 P.M. - 1:45 P.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

2:00 P.M. - 2:45 P.M. • Room: OCCC - West Hall B4

PLENARY SESSION

Late-Breaking Studies That Will Change Your Practice

Moderators: Timothy G. Buchman, Howard Bauchner, Ahmad Zaheen

· Late-Breaking Article Presentations

2:45 P.M. - 3:45 P.M. • Room: Exhibit Hall C

Break

2:45 P.M. - 3:45 P.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

2:45 P.M. - 3:45 P.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

3:45 P.M - 4:45 P.M. • Room: OCCC - W315

Data Science Datathon Winner Presentations

Moderators: Lewis Kaplan, Greg Martin

3:45 P.M. - 4:45 P.M. • Room: OCCC - Valencia Ballroom D

Star Research Presentations: Predictive Analytics

Moderators: Barbara A. Birriel, Ashish K. Khanna

- MEWS++: Predicting Clinical Deterioration in Admitted Patients Using a Novel Machine Learning Model
- Inpatient Deterioration: Can Artificial Intelligence Predict Who Will Be Transferred to the ICU?
- A Machine Learning-Based Prediction of Cardiac Arrest Outcome Using a Large Multicenter Database
- Prospective Validation of an Automated Electronic Inpatient Mortality Prediction Tool

3:45 P.M. - 4:45 P.M. • Room: OCCC - W414

Star Research Presentations: Sepsis

Moderators: Michael G.S. Shashaty, Jose L. Diaz-Gomez

- Hydrocortisone/Ascorbic Acid/Thiamine Use Associated With Lower Mortality in Pediatric Septic Shock
- Angiopoietin-2/-1 Ratio Is Associated With Concurrent and Subsequent MODS in Pediatric Sepsis
- Constitution of the Pediatric End-Organ Dysfunction Score: A Sepsis Predictive Model
- Effect of Lactate, Catecholamine Dose, and Timing in Patients With Septic Shock on Vasopressin

3:45 P.M. - 5:45 P.M. - Room: OCCC - Valencia Ballroom BC

Star Research Presentations: Pediatric Pulmonary

Moderators: Vijay Srinivasan, Erik Su

- The Effect of Protocolization of Status Asthmaticus Treatment in a Pediatric Intensive Care Unit
- · Stress Ulcer Prophylaxis for Children Admitted to the ICU for Status Asthmaticus Appears Unwarranted
- Factors Associated With Failure of Noninvasive Ventilation in Children After Stem Cell Transplant
- Implementation of a Ventilator Weaning Pathway Improves Outcomes in Pediatric ARDS
- Recombinant Angiopoietin 1 Protects Against LPS-Induced Inflammation in the Developing Murine Lung
- Persistent Tachycardia and Comorbid Pneumonia Are Associated With NIPPV Failure in Bronchiolitis
- · Characteristics and Outcomes of Children With Necrotizing Pneumonia
- Routine Morning Chest Radiography Usage in a Large Quaternary Pediatric ICU

3:45 P.M. - 5:45 P.M. - Room: OCCC - Chapin Theater

Star Research Presentations: Neuroscience

Moderators: Paul M. Vespa, Timothy J. Ellender

- · Optic Nerve Sheath Diameter Changes in Children With Varying Degrees of Intracranial Pressure
- Termination of Benzodiazepine-Resistant Status Epilepticus With Parenteral Ketamine Administration
- A Phase II Study to Determine Efficacy of Sovateltide in Patients With Cerebral Ischemic Stroke
- Burden of EEG Ictal-Interictal Continuum Activity Predicts Poor Outcome in Critically III Patients
- Mean Flow Velocity of the Middle Cerebral Artery Predicts Poor Outcome After Subarachnoid Hemorrhage
- Machine Learning Predicting Mortality and Morbidity in Children with Neurologic Injury in the PICU
- Outcome Prediction With Computer-Assisted Volumetry and ABC/2 in Traumatic Intra-Axial Hemorrhage
- Patient-Specific Prognostication After TBI Is Related to Bleed Phenotype and Anatomic Location

3:45 P.M. - 5:45 P.M. • Room: OCCC - W312

Star Research Presentations: Pharmacology

Moderators: Earnest Alexander, Leslie A. Hamilton

- A Bivalirudin Anticoagulation Protocol for Neonatal Extracorporeal Membrane Oxygenation
- Outcomes from the PITCH Study: 4-Factor PCC in Intracranial Xa Inhibitor Coagulopathy Hemorrhages
- Pharmacist Avoidance or Reductions in Medication Costs in Critically III Patients: PHARM-CRIT Study
- Enoxaparin Dose Requirement in Pediatric Patients With Chylothorax After Cardiac Surgery
- Pharmacist Avoidance or Reductions in Medication Costs in Emergently III Patients: PHARM-EM Study
- Surgical Intensive Care Unit Pain Management in the Era of Intravenous Opioid Shortages
- Methylene Blue Versus Hydroxocobalamin for Postoperative Vasoplegia: A Retrospective Analysis
- · Effects of Ketamine on Pain, Sedation, and Delirium in the Intensive Care Unit (Ketamine-ICU Study)

3:45 P.M. - 5:45 P.M. • Room: OCCC - W311A

Star Research Presentations: Epidemiology

Moderators: Edward A. Bittner, Tamas Szakmany

- Are Racial/Ethnic Minorities Over- or Underrepresented in Research Enrolling Seriously III Children?
- Heart Rate Variability Dysfunction Is Associated With Outcomes in Critically III Children
- Increased Risk of Mental Disorders Associated With Childhood Invasive Mechanical Ventilation
- Analysis of 207,543 Children With Acute Opioid Ingestions From the National Poison Data System
- Components of Health-Related Quality of Life Most Affected Following Pediatric Critical Illness
- Association of Cumulative Haloperidol Dose With 28- and 90-Day Mortality in Critically ill Adults
 Feature Associated With Hamp Hagith Palashitisting Utilization Among Older ICLI Survivers
- Factors Associated With Home Health Rehabilitation Utilization Among Older ICU Survivors
- Epidemiology, Outcomes, and Trends of Sepsis in Patients With Opioid Use Disorders in U.S. Hospitals

3:45 P.M. - 5:45 P.M. • Room: OCCC - W311E

Star Research Presentations: State of the Art

Moderators: Kwame Akuamoah-Boateng, John J. Whitcomb

- Differences in Advanced Practice Provider Residency Length: 12-Month Versus 6-Month Training
- Prevalence of Violence Experienced by ICU Providers: A National Survey
- Unacceptable Pseudohyperkalemia due to Sample Hemolysis in Emergency Medicine Point-of-Care Testing
- Reexploring Goals of Care in Patients Surviving Critical Illness
- Prediction of Pediatric Critical Care Resource Utilization for Disaster Triage
- · Impact of Gender and Ethnicity on Outcomes in Patients With Sepsis and AKI
- Safety of Saline Versus Lactated Ringer Solution in Hemorrhagic Shock From Trauma: PROPPR Trial
- Factors Predicting Kidney Transplant Recipient Admission to the ICU: A 10-Year Single-Center Study

4:45 P.M. - 5:45 P.M. - Room: OCCC - Valencia Ballroom A

Star Research Presentations: Resuscitation

Moderator: Jeremiah J. Duby

- Effects of NLRP3 Inflammasome Blockade on Post-Resuscitation Cerebral Function
- Pre-Arrest Electrocardiographic Changes: Could They Predict Cardiac Arrest in Hospitalized Children?
- Outcomes of Repeated Extracorporeal Membrane Oxygenation in Adults: Analysis of the ELSO Registry
- ECPR in the Pediatric Cardiac Population: Analysis From the Virtual Pediatric System Database

4:45 P.M. - 5:45 P.M. • Room: OCCC - Valencia Ballroom D

Star Research Presentations: Sepsis Immunology

Moderator: Ryan C. Maves

- Red Blood Cell ATP Depletion and Altered ATP Export by RBCs in Sepsis
- · Circulating Leukocyte Transcriptomes in Chronic Critical Illness vs. Rapid Recovery Sepsis Patients
- S100A9-Induced Reprogramming of Myeloid Cells During Sepsis
- Effects of Monocyte Distribution Width and White Blood Cell Count on a Sepsis Prediction Algorithm

4:45 P.M. - 5:45 P.M. • Room: OCCC - W414

Star Research Presentations: Sepsis Therapies

Moderators: Gilman B. Allen, David Chong

- Impact of Delays in Second-Dose Beta-Lactam Antibiotics on Mortality in Sepsis and Septic Shock
- Improving Time to Urgent Antibiotic Administration in Critically III Patients With Suspected Sepsis
- Hemodynamic Response to Initial Vasopressin Dose of 0.03 Versus 0.04 Units/Min in Septic Shock
- Evaluation of the Initiation Timing of Stress-Dose Steroids in Adult Patients With Septic Shock

MONDAY, FEBRUARY 17, 2020

6:15 A.M. - 7:45 A.M. - Room: OCCC - W414

EDUCATIONAL SYMPOSIUM

Advancing the Diagnosis of Pneumonia and Sepsis: Updates for the Critical Care Specialist

This program is supported by an educational grant from BioFire Diagnostics, LLC.

Moderator: Marin H. Kollef

- Continental Breakfast
- · Advances in Rapid Diagnostics and Clinical Implications for Sepsis and Pneumonia
- Clinical Considerations for Rapid Molecular Diagnostic Testing
- Bridging the Gap Between Diagnostic and Antimicrobial Stewardship

7:00 A.M. - 11:00 A.M. - Room: OCCC - W224ABEF

ADDITIONAL REGISTRATION REQUIRED

NON-CE SESSION

GRADE Workshop

Moderators: Waleed Alhazzani, Mark Nunnally, Bram Rochwerg

- Introduction
- Module One: Planning a guideline
- Module Two: GRADE applied to evidence
- Module Three: Evidence to decision considerations
- · Summary and Questions

8:00 A.M. - 8:45 A.M. • Room: OCCC - West Hall B4

Medical Journalism in the Age of Social Media, Big Data, and Artificial Intelligence PLENARY SESSION

Moderator: Joy D. Howell



Howard Bauchner, MD Editor-in-Chief JAMA and the JAMA Network Senior Vice-President American Medical Association Chicago, Illinois, USA

8:30 A.M - 3:30 P.M. • Room: Exhibit Hall C Exhibit Hall Open

8:45 A.M. – 9:45 A.M. • Room: Exhibit Hall C

8:45 A.M. – 9:15 A.M. • Room: Entrance of Exhibit Hall C

(see page 14 for all ICU Liberation Lab sessions)

8:45 A.M. - 9:45 A.M. - Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

9:15 A.M. - 9:45 A.M. - Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

9:45 A.M. - 10:45 A.M. - Room: OCCC - W312

ACCM Distinguished Investigator Award and SCCM-Weil Research and Discovery Grant Recipients

Moderator: Jonathan E. Sevransky

- ACCM Distinguished Investigator Presentation: The Critical Care of Traumatic Brain Injury: An Exercise in Clinical Kintsugi?
- SCCM-Discovery Grant Recipient: BEARDS: Breathing Efforts in Acute Respiratory Distress Syndrome
- SCCM-Weil Research Grant Recipient: Sepsis and Surgery Alter Populations of Myeloid Cells in the Mouse Peritoneal Cavity

9:45 A.M. - 10:45 A.M. - Room: OCCC - W307

Nutritional Controversies in the ICU: How Much, When, and What Should We Be Feeding Our Patients? (joint session of SCCM and ASPEN)

Supported in part through an educational grant from Baxter Healthcare Corporation

Moderators: Carla Venegas-Borsellino, Bryan R. Collier

- · Caloric and Protein Targets: Getting It Just Right
- Enteral or Parenteral Nutrition: Does It Really Matter?
- Alternate Lipids Are Here: Do They Belong in the ICU?

9:45 A.M. - 10:45 A.M. - Room: OCCC - W315

Pro/Con Debate: Dr. Human or Dr. Al: Who Should Decide in the ICU?

Moderator: Timothy G. Buchman

- · Pro: Human Decision Is the Gold Standard
- Con: Artificial Intelligence Provides More Accurate Decisions

9:45 A.M. - 10:45 A.M. • Room: OCCC - Chapin Theater

Pro/Con Debate: Should We Allow Spontaneous Breathing in ARDS?

Moderator: Rahul S. Nanchal

- Spontaneous Breathing in ARDS: Absolutely
- Spontaneous Breathing in ARDS: Absolutely Not
- Spontaneous Breathing in ARDS: It Depends

9:45 A.M. - 10:45 A.M. • Room: OCCC - Valencia Ballroom A

Stop the Bleed: Use of Anticoagulant Reversal Agents

Moderator: Serena A. Harris

- Truth or Dare: Antidotes to Direct Oral Anticoagulants
- The Clot Thickens: Use of Antidote Medication
- Factoring All the Options: Anticoagulation Reversal Without Use of an Antidote

9:45 A.M. - 10:45 A.M. - Room: OCCC - W414

Year in Review: Anesthesiology

Moderator: Ranjit Deshpande

- · Lung Transplants for the Generalist Intensivist
- Anesthesiology: Year in Review 2019
- · Cardiopulmonary Resuscitation and Emergency Airway Management

9:45 A.M. - 11:45 A.M. - Room: OCCC - West Hall B4

Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children ** #Sepsis #PedsICU

Moderator: Jerry J. Zimmerman and ESICM Moderator

- Introduction and Rationale for Guidelines
- Methodology
- Antimicrobials and Source Control Recommendation Highlights
- Hemodynamic Resuscitation Recommendation Highlights
- Mechanical Ventilation Recommendation Highlights
- Adjunctive Therapy Recommendation Highlights
- Resource-Limited Nations Applications
- Algorithm and Bundle Presentation
- Questions and Answers

9:45 A.M. - 11:45 A.M. • Room: OCCC - Valencia Ballroom D

Happy, Sleepy, and Dopey

Moderators: Nathan E. Brummel, Lauren E. Ferrante

- Steps Toward Recovery: Tracking Mobility Interventions in the ICU and on the Floors
- Frailty Across the Continuum of Critical Illness and Survivorship
- Sleep in the ICU: An Elusive Goal?
- The ACE Up Your Sleeve: Acute Care for Elders in the ICU
- Medication Reconciliation at Critical Transitions
- Muscle Memory: Maximizing Post-Acute Rehabilitation and Recovery for Critical Illness Survivors

9:45 A.M. - 11:45 A.M. - Room: OCCC - Valencia Ballroom BC

International Clinical Trials Networks: Studies That Will Change Practice in Five Years

Moderator: Ishaq Lat

- BRICNet Trials
- ANZICS Clinical Trials Group: Upcoming Studies
- Discovery Network
- · Canadian Critical Care Trials Group
- Saudi Critical Care Trials

9:45 A.M. - 11:45 A.M. - Room: OCCC - W311A

Master Regulator: The Liver and Critical Illness

Moderator: Prem A. Kandiah

- Teaching an Old Dog New Tricks: The Liver-Brain Connection
- Bleeding or Thrombosis: A Hematologic Conundrum
- Medication Challenges: Dosing and Unusual Infections
- · Hepatorenal Patients: What to Do When Electrolytes Are out of Whack
- The Liver Is Failing: Should We Target the Microbiome?

9:45 A.M. - 11:45 A.M. • Room: OCCC - W311E

Putting Basic Science to Work: How State-of-the-Art Scientific Technology Can Inform Critical Care

Moderator: Hector R. Wong

- Integrating Translational Genomics Into Clinical Medicine
- Mitochondrial Origin of Multiorgan System Disease
- Building Better Models
- Next-Generation Diagnostics With CRISPR
- Immunomodulation in Translational Science

11:00 A.M. - 12:00 P.M. - Room: OCCC - W307

Maintenance of Certification and Recertification in Critical Care: An American Board of Medical Specialties Town Hall Discussion (joint session of SCCM, ABA, ABIM, ABS, UCNS, ABPN, ABP, and ABEM)

Moderator: J. Christopher Farmer

- American Board of Anesthesiology: Anesthesiology Critical Care Medicine
- · American Board of Internal Medicine: Critical Care Medicine
- American Board of Surgery: Surgical Critical Care
- United Council for Neurologic Subspecialties: Neurocritical Care
- American Board of Psychiatry and Neurology: Neurocritical Care
- American Board of Pediatrics: Pediatric Critical Care Medicine
- · American Board of Emergency Medicine: Emergency Medicine

11:00 A.M. - 12:00 P.M. - Room: OCCC - W312

Cognitive Recovery From Critical Care

Moderator: Sheila A. Alexander

- Cognitive Long-Term Impairment in Critical Illness
- Cognitive Recovery in ICU Survivors

11:00 A.M. – 12:00 P.M. • Room: OCCC - Valencia Ballroom A Managing Anticoagulants and Antiplatelet Agents in the ICU

Moderator: Mark D. Cipolle

- Update on Anticoagulant and Antiplatelet Medications
- Update on Balanced Resuscitation of Trauma-Induced Coagulopathy
- Update on the Use of Viscoelastic Tests

11:00 A.M. - 12:00 P.M. • Room: OCCC - Chapin Theater

Pro/Con Debate: PADIS Guidelines: Always Use Narcotics?

Moderator: Gilles L. Fraser, Meghan B. Lane-Fall

- · Con: Do Not Always Use Narcotics
- Pro: Always Use Narcotics

11:00 A.M. - 12:00 P.M. - Room: OCCC - W315

The Role of Machine Learning in Critical Care Medicine

Moderators: Teresa A. Rincon, Jose I. Suarez

- Computational Approaches to Electronic Health Record Data
- The Clinical Impact of Physiologic Time Series Analysis
- Machine Learning Models for Image-Based Prediction in Acute Brain Injury

11:00 A.M. - 12:00 P.M. - Room: OCCC - W414

Year in Review: Neurology

Moderator: Fred Rincon

- NBME Update on Neurocritical Care Board Certification
- Review of Recent Clinical Trials in Neurocritical Care 2020
- Code "Found Down"

12:00 P.M. - 1:15 P.M. • Room: OCCC - W308

ADDITIONAL REGISTRATION REQUIRED

NON-CE SESSION

Educational Leadership Luncheon: Preparing the Future of Critical Care Leadership

Moderator: Jason E. Moore

- Welcome
- · Leadership Qualities, Skills, and Opportunities: Giving Trainees a Head Start
- Tracks During Training: Pros and Cons
- · Developing Leadership Diversity
- Summary and Group Discussion

12:15 P.M. - 1:30 P.M. - Room: OCCC - W224ABEF

EDUCATIONAL SYMPOSIUM

Maintaining Renal Function in Patients With Cirrhosis: New Guidelines and Evidence in Identification and Management of Hepatorenal Syndrome and Acute Kidney Injury

This program is supported by an educational grant from Mallinckrodt Pharmaceuticals.

Moderator: Constantine J. Karvellas

- Lunch (provided)
- Hepatorenal Syndrome and Acute Kidney Injury: Current Knowledge and Unmet Needs
- New Guidelines for Hepatorenal Syndrome and Acute Kidney Injury: Early Identification and Correct Diagnosis
- Evidence-Based Best Practices: Pharmacologic Options for Maintaining Renal Function in Hepatorenal Syndrome and Acute Kidney Injury
- Applying Evidence-Based Strategies to the Management of Hepatorenal Syndrome and Acute Kidney Injury in the Critical Care Setting

12:15 P.M. - 1:30 P.M. • Room: OCCC - W224CDGH

EDUCATIONAL SYMPOSIUM

Making the Most of the Clinical Toolbox: Improving Outcomes in HABP and VABP

This program is supported by an educational grant from Merck & Co., Inc.

Moderator: Marin H. Kollef

- Lunch (provided)
- HABP and VABP: Epidemiology, Microbiology, and Clinical Consequences
- Considerations for Antibiotic Therapy for MDR Infections in HABP and VABP
- New and Emerging Therapies: A Closer Look at the Data
- Individualizing Therapy to Support Antibiotic Stewardship and Improve Outcomes

12:15 P.M. - 1:15 P.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

12:15 P.M. - 1:15 P.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

1:30 P.M. - 2:15 P.M. • Room: OCCC - West Hall B4

The Future of Critical Care Medicine in the Field

PLENARY SESSION

PETER SAFAR MEMORIAL LECTURE

Moderator: J. Christopher Farmer



Todd Rasmussen, MD Professor of Surgery, Associate Dean of Research Uniformed Services University of the Health Sciences Attending Vascular Surgeon Walter Reed National Military Medical Center Bethesda, Maryland, USA

2:15 P.M. - 3:15 P.M. - Room: Entrance of Exhibit Hall C ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

2:15 P.M. - 3:15 P.M. - Room: Exhibit Hall C

2:15 P.M. - 3:15 P.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

3:15 P.M. - 4:15 P.M. • Room: OCCC - W311A

Beyond the ICU: Critical Illness Survivors and Our Community (THRIVE)

Moderator: Giora Netzer

- The Epidemiology and Societal Importance of Survivorship
- The Experience of Survivorship and Caregiver Burden Among Loved Ones
- Post-ICU Programs: Barriers and Enablers to Implementing Key Mechanisms of Delivery

3:15 P.M. - 4:15 P.M. • Room: OCCC - W414

FLIPPED CLASSROOM

Complicated Cases in Sepsis: Stump the Professor

Audience Participation Required

Moderators: Stephen M. Pastores, Keith M. Olsen

- Difficult Cases in the Management of Sepsis: Diagnosis
- · Difficult Cases in the Management of Sepsis: Fluids
- Complicated Cases in Sepsis: Vasopressors

3:15 P.M. - 4:15 P.M. • Room: OCCC - Valencia Ballroom A

Controversies in Delirium: This Drug, That Drug, No Drugs at All! 🍑 #Delirium

Moderator: Mary E. Lough

- Ideal Sedatives and Analgesics to Prevent and Treat ICU Delirium
- Antipsychotics in the Treatment and Prevention of ICU Delirium
- Nonpharmacologic Therapies to Prevent and Treat ICU Delirium

3:15 P.M. - 4:15 P.M. • Room: OCCC - W311E

Emerging Extracorporeal Therapies in the Pediatric Intensive Care Unit

Moderator: Rajit Basu

- Renal Replacement Therapy on ECMO
- Extracorporeal Liver Support
- · Novel Techniques for Fluid and Toxin Removal

3:15 P.M. - 4:15 P.M. • Room: Chapin Theater

Two Years After the ADRENAL Trial: Time to Close the Debate on Steroids in Sepsis?

Moderator: Ashish K. Khanna

• Two Years After the ADRENAL Trial: Time to Close the Debate on Steroids in Sepsis?

3:15 P.M. - 5:15 P.M. • Room: OCCC - W312

Acute Dysglycemia: Too Sweet, Not Sweet Enough; To Get It Just Right Takes a Team Moderator: James S. Krinsley

- How Many Carbs in That Tube Feeding?
- Making the Leap From Continuous Infusions to Basal/Bolus
- · Another Insulin Shot on the Way: The Role of the Nurse
- I Want My Patients in the Unit To Be Just Right!
- Case Studies

3:15 P.M. - 5:15 P.M. - Room: OCCC - Valencia Ballroom D

Cardiopulmonary Resuscitation: Do It Right and Save Lives!

Moderator: Sheila A. Alexander

- · CPR: You Have to Do It Right
- You Have to Keep the Patient at the Right Temperature
- · You Have to Go to the Cath Lab
- Case Studies

3:15 P.M. - 5:15 P.M. • Room: OCCC - W315

Data Science and Machine Learning for the Intensivist

Moderator: Robert D. Stevens

- · Maximizing the Value of the Electronic Health Record
- · New Approaches to Disease Classification
- Smart Clinical Decision Support Systems
- · Limitations of Big Data Analysis
- · The Dark Side of Data Science
- Take-Home Message on Data Science in the ICU

3:15 P.M. - 5:15 P.M. • Room: OCCC - W307

ESICM/SCCM Joint Session: Data Science

Moderators: Heatherlee Bailey, Jozef Kesecioglu

- Data Science to Improve Disaster Preparedness
- Data Science to Improve Patient Care
- Data Science to Improve Clinical Trials

3:15 P.M. - 5:15 P.M. • Room: OCCC - West Hall B4

Late-Breaking Studies Affecting Patient Outcomes

Moderator: Jonathan E. Sevransky

· Late-Breaking Article Presentations

3:15 P.M. - 5:15 P.M. - Room: OCCC - Valencia Ballroom BC

FLIPPED CLASSROOM

New Villains in Our Midst: Overdoses From Unexpected Sources

Moderator: Marilyn N. Bulloch

- Doped on Diphenhydramine
- Death by (Anti-) Diarrheals
- Blinded by Tetrahydrozoline: The New Date Rape Drug
- Susie-Q and the Abused Antipsychotics
- · Stoned on Spices

4:30 P.M. - 5:30 P.M. • Room: OCCC - W311E

Feeding Children: What, When, and How?

Supported in part through an educational grant from Mead Johnson Nutrition Moderator: Vijay Srinivasan

- Challenges of Determining Nutritional Needs in Critically III Children
- Enteral Feeding for Patients on Vasopressors: Can We? Should We?
- · Nutrition in Surgical Critical Care

4:30 P.M. - 5:30 P.M. - Room: OCCC - Valencia Ballroom A

Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary, and Renal Considerations

Moderators: Constantine J. Karvellas, Waleed Alhazzani

 Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary, and Renal Considerations

4:30 P.M. - 5:30 P.M. • Room: OCCC - W311A

Pro/Con Debate: Can Simulation Be Used for Assessment of Procedural Competence for Hospital Privileges?

Moderators: Gregory H. Botz, Heather Meissen

- Simulation Can Be Used to Assess Procedural Competence for Hospital Privileges
- Simulation Cannot Be Used to Assess Procedural Competence for Hospital Privileges

4:30 P.M. - 5:30 P.M. • Room: Chapin Theater

Translating Preclinical Data Into Practice: Why Therapies for Neurologic Disease Don't Work

Moderators: Thomas P. Bleck, Hulya Bayir

- · The Models Are the Problem
- The Trials Are the Problem
- There Is No Problem; You Just Have to Understand the Challenges and How to Interpret the Data

4:30 P.M. - 5:30 P.M. • Room: OCCC - W414

FLIPPED CLASSROOM

Up in Smoke: Managing e-Cigarette or Vaping Product Use-Associated Lung Injury (EVALI) in the ICU ** #Vaping

Moderator: Steven Greenberg

- · A Case of EVALI in the Periopeartive Setting
- Overview of the EVALI Crisis: Cases, Age Distribution, and Outcomes
- EVALI and the Adolescent Patient: Lessons Learned by All
- Panel Discussion and Questions and Answers

6:00 P.M. - 7:00 P.M. • Hyatt Regency Orlando - Regency Ballroom ACCM Convocation and SCCM Awards Presentation

TUESDAY, FEBRUARY 18, 2020

6:15 A.M. - 7:45 A.M. - Room: OCCC - W414

EDUCATIONAL SYMPOSIUM

Anticoagulation Reversal for Life-Threatening Bleeding: A Case-Based Presentation for the Critical Care Team

This program is supported by an educational grant from Portola Pharmaceuticals, Inc.

Moderator: Gregory Piazza

- · Continental Breakfast
- Exploring the Clinical Implications of Bleeding: Appreciating the Burden and Risk Associated with Life-Threatening or Uncontrolled Bleeding
- The Emergence of Novel Anticoagulation Reversal Agents: An In-Depth Analysis for the Critical Care Team
- · Ensuring Appropriate Use of Anticoagulation Reversal Agents: The Experts Weigh In

8:00 A.M. – 8:45 A.M. • Room: OCCC - West Hall B4 Pragmatic Trials in the Digital Age

PLENARY SESSION

LIFETIME ACHIEVEMENT AWARD

Moderator: Greg S. Martin



Gordon R. Bernard, MD

Executive Vice President for Research
Senior Associate Dean for Clinical Sciences
Melinda Owen Bass Professor of Medicine
Director, Vanderbilt Institute for Clinical and Translational Research
Vanderbilt University Medical Center, Nashville, Tennessee, USA

8:30 A.M - 1:30 P.M. • Room: Exhibit Hall C Exhibit Hall Open

8:45 A.M. – 9:15 A.M. • Room: Entrance of Exhibit Hall C ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

8:45 A.M. - 9:45 A.M. • Room: Exhibit Hall C Break

8:45 A.M. - 9:45 A.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

9:15 A.M. - 9:45 A.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

9:45 A.M. - 10:45 A.M. • Room: OCCC - W312

Bulletproof Solutions to Challenges and Controversies in Penetrating Traumatic Brain Injury *Madasators Christopher Kramer*

Moderator: Christopher Kramer

- · Bullet to the Brain: Ballistics, Pathophysiology, and Initial Management of Penetrating Traumatic Brain Injury
- Managing the Shattered Skull: Complex Neurosurgical Problems in Penetrating Traumatic Brain Injury
- Prognosis in Penetrating Traumatic Brain Injury: Is There a Magic Bullet to See Into the Crystal Ball?

9:45 A.M. - 10:45 A.M. - Room: OCCC - W307

Critical Care Societies Collaborative Joint Session: Promoting a Healthy ICU Work Culture to Mitigate Burnout (joint session of SCCM, ACCP, AACN, and ATS)

Moderator: Heatherlee Bailey

- · Strategies for Implementing a Healthy Work Culture: Results from a CCSC National Survey
- · Addressing Drivers of Burnout: Find 'em and Fix 'em
- The Role of Professional Societies in Addressing Burnout
- Updates on the National Academy of Medicine Clinician Resilience Collaborative

9:45 A.M. - 10:45 A.M. - Room: OCCC - Valencia Ballroom A

Disaster Management With Limited Resources

Moderators: Marilyn N. Bulloch, Jeremy C. Pamplin

- You Can't Be Our Guest
- It Is a Very Small World and There Is No Way Out
- Maintaining Preparedness on a National Level

9:45 A.M. - 10:45 A.M. - Room: OCCC - W311E

Frontiers in ECMO: Is It Wizardry or Witchcraft?

Moderator: Nahmah Kim-Campbell

- ECMO Cannulation Strategies: Science or Divination
- · Wingardium Leviosal Mobilizing Patients on ECMO
- The Boy Who Lived: Updates on Functional Outcome After ECMO

9:45 A.M. - 10:45 A.M. - Room: OCCC - W311A

Pro/Con Debate: Use of Procalcitonin in the Critically III

Moderator: Ryan C. Maves

- Pro: Procalcitonin
- Con: Procalcitonin

9:45 A.M. - 10:45 A.M. • Room: OCCC - West Hall B4 Which Vasopressor Do I Pick From My Toolbox?

Moderator: Laurence W. Busse

- Evolution of Vasopressors Over the Past Two Decades: Where Is the Evidence?
- Defining and Defending a Mean Arterial Pressure in Vasodilatory Shock
- Cost Effectiveness Versus Outcome Effectiveness: Is There a Right Balance?

9:45 A.M. - 10:45 A.M. - Room: OCCC - W315

Year in Review: Research: Leveraging Machines and Artificial Intelligence in the ICU

Moderator: Scott Bolesta

- · Clinical Decision Support at the Bedside in the ICU
- Fortuneteller Machines: Predicting Critical Illness Before It Happens
- Rise of the Machines in 2020: The Challenge of Implementing Artificial Intelligence Models in the ICU

9:45 A.M. - 11:45 A.M. - Room: OCCC - W414

Acute Kidney Injury: Soup to Nuts

Moderator: Azra Bihorac

- What the ICU Team Should Know About Renal Replacement Therapy
- Protecting the Kidneys After Surgery
- Acute Kidney Injury in Liver Disease: Is Everything Hepatorenal?
- Quality Metrics in Acute Kidney Injury and Continuous Renal Replacement Therapy: Establishing Benchmarks
- The Past and Future of Acute Kidney Injury and Continuous Renal Replacement Therapy Trials and Research

9:45 A.M. - 11:45 A.M. - Room: OCCC - Valencia Ballroom BC

Challenging Cases in the ICU

Moderator: Greg S. Martin

- Difficult or Challenging Cases in the Surgical ICU
- Difficult or Challenging Cases in the Medical ICU
- Difficult or Challenging Cases in the Neuro-ICU
- Managing Difficult or Challenging Cases in the Pediatric ICU

9:45 A.M. - 11:45 A.M. • Room: OCCC - Chapin Theater

The ICU Leadership Academy

Moderator: Kevin K. Chung

- Society Leadership
- Advanced Practice Provider Leadership
- Physician Leadership
- · Executive Leadership
- Panel Discussion

9:45 A.M. - 11:45 A.M. - Room: OCCC - Valencia Ballroom D

What New Therapies, Such as CAR T Cell Therapy, Are the Oncologists Bringing to the ICU?

Moderator: David Pritchard IX

- What's That mAb?
- ICU Complications of Cellular and Immunotherapy
- Immune Effector Cell Therapy and Clinical Presentation of Common Toxicities (Cytokine Release Syndrome and Immune Effector Cell-Associated Neurotoxicity Syndrome)
- Treatment of Toxicities of Immune Effector Cell Therapy
- Uncommon Toxicities and Other Complications of Immune Effector Cell Therapy

11:00 A.M. - 12:00 P.M. - Room: OCCC - Valencia Ballroom A

Family Presence in the ICU: Does It Make a Difference? ** #FamilyPresence

Moderator: James S. Killinger

- · Historical Foundations of Family Presence in the ICU
- · Family Attendance in Rounds: Nurse Perspective
- · Family Attendance in Rounds: Physician Perspective

11:00 A.M. - 12:00 P.M. - Room: OCCC - W312

Integrating Advanced Practice Providers Into Critical Care: Nuts and Bolts

Moderator: Rhonda L. D'Agostino

- Show Me the Money: Why Invest in APPs?
- · Bridging the Gap: Orientations and Fellowships
- Panel Discussion

11:00 A.M. - 12:00 P.M. - Room: OCCC - W307

Managing Complex Wounds (joint session of SCCM and the Surgical Infection Society)

Moderators: Heather L. Evans, Mayur Narayan

- · Current Treatment Strategies for Complex Wounds
- · Patient Care Implications of Complex Wounds
- · Case Presentation: When and When Not to Administer Antibiotics for Large Complex Wounds

11:00 A.M. - 12:00 P.M. - Room: OCCC - W315

Precision Medicine for the Patient With Cardiac Arrest

Moderator: Gilles Clermont

- EEG in Cardiac Arrest
- Electronic Health Record-Driven Prediction of Cardiac Arrest in the Hospitalized Patient
- Image-Driven Neurologic Prognostication

11:00 A.M. - 12:00 P.M. • Room: OCCC - W311A

Pro/Con Debate: Does Postoperative Critical Care Improve Outcomes for Patients Following Major Surgery?

Moderator: Tamas Szakmany

- Pro: Routine Admission to Critical Care Following Major Surgery Improves Patient Outcomes
- · Con: Routine Admission to Critical Care Following Major Surgery Does Not Improve Patient Outcomes

11:00 A.M. - 12:00 P.M. - Room: OCCC - West Hall B4

Staying Alive: Resuscitative Devices to the Rescue

Moderators: Scott D. Weingart, John J. Whitcomb

- Mechanical CPR Devices: Are They for Everyone With Cardiac Arrest?
- · ECPR for Out-of-Hospital Arrest
- ECPR for Inpatient Arrest
- REBOA in Cardiac Arrest

11:00 A.M. - 12:00 P.M. • Room: OCCC - W311E

When a Mass Disaster Involves Kids, How Do We Tailor Our Response?

Moderator: Karin Reuter-Rice

- Pediatric Triage in a Mass Critical Care Event
- · Keeping the Family Together During a Disaster
- Education in a Pediatric Mass Critical Care Event

12:00 P.M. - 1:15 P.M. - Room: OCCC - W308

ADDITIONAL REGISTRATION REQUIRED

Advanced Practice Providers Luncheon

Moderators: Christopher Anderson, Rhonda L. D'Agostino

- · Welcome and Introductions
- · Table Discussion and Networking
- Table Highlights

12:15 P.M. - 1:15 P.M. • Room: Entrance of Exhibit Hall C

ICU Liberation Lab

(see page 14 for all ICU Liberation Lab sessions)

12:15 P.M. - 1:15 P.M. • Room: Hall B3 Lobby

Roundtable Discussions

(see pages 8-11 for all Roundtable Discussions)

1:30 P.M. - 2:15 P.M. • Room: OCCC - West Hall B4

The Impact of Gun Violence on Public Health

PLENARY SESSION

WILLIAM SHOEMAKER HONORARY LECTURE

Moderator: Jose L. Pascual



Therese S. Richmond, PhD, CRNP, FAAN
Andrea B. Laporte Professor of Nursing
Associate Dean for Research and Innovation
University of Pennsylvania School of Nursing
Philadelphia, Pennsylvania, USA

2:15 P.M. - 2:45 P.M. - Room: Hall B4 Lobby Break

2:30 P.M. - 3:00 P.M. • Room: OCCC - W308 SCCM Business Meeting

2:45 P.M. - 3:45 P.M. • Room: OCCC - W312

Asmund S. Laerdal Memorial Lecture Award Lecture

Moderator: Jose Pascual

· Sepsis: Challenges and Directions for the Future

2:45 P.M. - 3:45 P.M. • Room: OCCC - W311E Bleeding, Clotting, and Filling the Pediatric Tank

Moderator: Marianne Nellis

- Would You Please Stop Clotting! Novel Anticoagulants in the Pediatric ICU
- Would You Please Stop Bleeding! Hemorrhagic Management in the Pediatric ICU
- OK, OK, You Can Have Some More Cells: Transfusion Guidelines in 2020

2:45 P.M. - 3:45 P.M. - Room: OCCC - W307

Evidence-Based Reviews and Collaborative Efforts to Address Firearm Injury Prevention (joint session of SCCM and the Eastern Association for the Surgery of Trauma)

Moderator: A. Britton Christmas

- · Collaborative Efforts to Address Firearm Injury Prevention From an Organizational Perspective
- · EAST Evidence-Based Reviews and Current Works in Progress
- Bringing Community Outreach Injury Prevention Efforts to Your Host Community

2:45 P.M. - 3:45 P.M. • Room: OCCC - Valencia Ballroom A Optimizing Fluid Stewardship in Your ICU

Moderator: Michael A. Pisa

- What Is Fluid Stewardship and How Should It Be Applied in the ICU?
- Diuretics and Managing Fluids
- · Assessing End Points of De-Resuscitation in the ICU

2:45 P.M. - 3:45 P.M. • Room: OCCC - W311A

Quality and Safety in the ICU: How Facility Design Influences Critical Outcomes

Moderator: Jason Hecht

- The Growing Evidence Relating ICU Design to Outcomes
- Lessons From More Than 25 Years of ICU Design Award Winners
- What Has Been Learned and Changed in the Ten Years Since Winning the SCCM Award

2:45 P.M. - 3:45 P.M. - Room: OCCC - W315

The Prediction Game: Intelligent Uses of Artificial Intelligence

Moderator: Andre Holder

- Translating Predictive Models Into Real-World, Real-Time Decision Support
- · Surgical Risk: From Classification to Prediction to Decision Support
- Limitations to Approaches in Clinical Prediction

2:45 P.M. - 3:45 P.M. • Room: OCCC - Valencia Ballroom BC

Year in Review: Clinical Pharmacy and Pharmacology

Moderator: Seth R. Bauer

- · Spare Me the Opioids: Alternative Strategies for Managing Pain
- Managing a New Frontier in Medicine: Caring for the Hematology/Oncology Critically III
- · Saddle Up, Cowboy: Exploring Updates in Emergency Medicine

2:45 P.M. - 3:45 P.M. - Room: OCCC - W414

Year in Review: Internal Medicine

Moderator: Bram Rochwerg

2:45 P.M. - 4:45 P.M. • Room: OCCC - Valencia Ballroom D

Circadian Entrainment Cues in the ICU: Bricks in the Road to Critical Illness Recovery

Moderators: Karen Berger, Margaret A. Pisani

- · Sleep-Wake and Circadian Disruption in the ICU: Breaking the Downward Spiral
- Optimizing ICU Light Levels: Shining Light in a Dark Place
- Intermittent Enteral Feeding: The ICU's New Fad Diet
- ICU Mobility: Work Out Today, Sleep Better Tonight
- · Melatonin Use in Critically III Patients: Dabbling With the Hormone of Darkness

2:45 P.M. - 4:45 P.M. • Room: OCCC - Chapin Theater

Critical Care Case Records of the Joint Trauma System

Moderator: Kevin K. Chung

Stump the Experts Panels

2:45 P.M. - 4:45 P.M. • Room: OCCC - West Hall B4

Optimizing Management of Severe ARDS

Moderator: Richard D. Branson

- Are We Utilizing Proven Therapies for Acute Respiratory Distress Syndrome?
- · Implementing a Proning Protocol
- Balancing Sedation, Paralysis, and Mobility
- Manipulating Positive End-Expiratory Pressure and Driving Pressure
- Where Does Extracorporeal Membrane Oxygenation Fit In?

3:00 P.M. - 3:30 P.M. - Room: OCCC - W308

ACCM Business Meeting

3:30 P.M. - 5:00 P.M. • Room: OCCC - W308

ACCM Pro/Con Debate

- · A Janus View of Wellness in the ICU
- PreHospital eCPR Put the Pedal to the Metal or Tap the Breaks?

4:00 P.M. - 5:00 P.M. • Room: OCCC - 224ABEF

Research Awards Presentation

Moderators: Joy D. Howell, Jose L. Pascual

4:00 P.M. - 5:00 P.M. • Room: OCCC - Valencia Ballroom A

Acute Burn Care for Non-Burn Clinicians

Moderator: Jong O. Lee

- Treatment Options When No Burn Beds Are Available
- · Initial Resuscitation of Burn Patients
- Treatment Options for Inhalation Injury

4:00 P.M. - 5:00 P.M. - Room: OCCC - W315

Optimizing Early Detection of Critical Illness Outside the ICU: Is Sophisticated Better?

Moderator: Randy S. Wax

- Early Detection of the Critically III in a Rapid Response System: Fixing the Weakest Link
- Early Detection Tools in Clinical Environments With Varying Resources: Is Simple Better?
- Using Data to Create Computerized Early Detection Tools: Can We Do Better Than Simple?

4:00 P.M. - 5:00 P.M. - Room: OCCC - W307

Pressing Issues Surrounding Global Pediatric Critical Care Medicine Research: Regional Challenges and Opportunities (joint session of SCCM and WFPICCS)

Moderator: Vinay M. Nadkarni

- North America
- Asia
- Oceania
- Europe
- Latin America
- Africa

4:00 P.M. - 5:00 P.M. - Room: OCCC - W311A

Pro/Con Debate: Dual Fellowship Training Is Needed to Care for the Pregnant ICU Patient

Moderator: Edward A. Bittner

- Pro: Dual Fellowship Training Is Needed to Care for the Pregnant ICU Patient
- · Con: Dual Fellowship Training Is Not Needed to Care for the Pregnant ICU Patient

4:00 P.M. - 5:00 P.M. • Room: OCCC - Valencia Ballroom BC

Year in Review: Emergency Medicine and Prehospital Care

Moderator: Brian T. Wessman

- Prehospital Critical Care
- Critical Care in the Emergency Department
- Emergency Care Impacting Critical Care

4:00 P.M. - 5:00 P.M. - Room: OCCC - W414

FLIPPED CLASSROOM
Year in Review: Nursing
Moderator: Daleen A. Penover

4:00 P.M. - 5:00 P.M. - Room: OCCC - W311E Year in Review: Pediatrics #PedsICU

Moderator: Ann-Marie Brown

Annual Review of the Most Relevant Articles in Pediatrics

WEDNESDAY, FEBRUARY 19, 2020

8:15 A.M. - 9:00 A.M. - Room: OCCC - West Hall B4

Humanizing Intensive Care

PLENARY SESSION

AKE GRENVIK HONORARY LECTURE

Moderator: Ruth M. Kleinpell



Nicolás Nin, MD, PhD ICU Coordinator Hospital Español Montevideo, Uruguay

9:00 A.M. - 9:30 A.M. • Room: Hall B4 Lobby

9:30 A.M. - 10:30 A.M. - Room: OCCC - W307

Challenges and Pitfalls in the Management of Traumatic Brain Injuries (joint session of SCCM and the Neurocritical Care Society)

Moderator: Mary Kay Bader

- Strategies for Applying TBI Guidelines in Clinical Practice
- · Pharmacotherapy of TBI: Nuts, Bolts, and Pearls
- · Multimodality Neuromonitoring: Advancements in the Care of Patients With TBIs

9:30 A.M. - 10:30 A.M. - Room: OCCC - Chapin Theater

Not Just a Fairy Godmother: Mentoring in the Millennial Generation

Moderators: Jeremiah J. Duby, Lillian L. Emlet

- Tension Point 1: Hearing and Delivering Feedback
- Tension Point 2: Multitasking
- · Are You Ready to Hear Criticism?

9:30 A.M. - 10:30 A.M. - Room: OCCC - Valencia Ballroom D

Opioid-Free Analgesia in the ICU: Magic or Illusion?

Moderator: John C. Greenwood

- Prince Kisses Corpse in Woods: Assessing Pain and Setting Goals
- Ketamine, Lidocaine, Gabapentin, and Unicorn Horn
- Potions or Poisons: Acetaminophen/Paracetamol, COX-2 Inhibitors, and NSAIDs

9:30 A.M. - 10:30 A.M. - Room: OCCC - W312

Percutaneous Tracheostomy: State-of-the-Art Update

Moderator: Ray W. Shepherd

- · History, Timing, and Patient Selection
- · Complications and Management
- The Necessity of a Multidisciplinary Tracheostomy Management Team

9:30 A.M. - 10:30 A.M. - Room: OCCC - W311A

Pro/Con Debate: Cooperative Billing: If You Are Billing for APPs, You Are Probably Doing It Wrong

Moderators: Rhonda L. D'Agostino, Peter S. Sandor

- · Pro: Bill for Advanced Practice Providers
- Con: Do Not Bill for Advanced Practice Providers

9:30 A.M. - 10:30 A.M. - Room: OCCC - W311E

Pro/Con Debate: The Spell Expires at Midnight: Rationing Care to Children

Moderator: Erin Paquette

- Pro: Rationing Pediatric Healthcare Outside the United States Is Common and Ethical, and the United States Should Join Them
- Con: Rationing Pediatric Healthcare Outside the United States May Be Ethical, but the United States Should Not Join Them

9:30 A.M. - 10:30 A.M. - Room: OCCC - West Hall B4

Under Pressure: Use of Vasoactive Therapies Beyond the Guidelines

Moderator: John J. Whitcomb

- In the Details: Titrating and Discontinuing Vasopressors
- Protocolized Vasopressor Utilization: Regulatory Considerations
- Emerging Evidence: Where Do New Vasoactive Treatments Fit?

9:30 A.M. - 11:30 A.M. - Room: OCCC - W315

Clinical Informatics and Artificial Intelligence in Critical Care: The Scientific Literature

Moderators: Vitaly Herasevich, Robert D. Stevens

- Overview of the Methodology Used to Produce the Year in Review
- The Most Notable Medical Scientific Literature in Critical Care Data Science
- The Most Notable Scientific Literature in Critical Care Prediction Modeling
- The Most Notable Medical Scientific Literature in Critical Care Artificial Intelligence

9:30 A.M. - 11:30 A.M. - Room: OCCC - Valencia Ballroom A

ECMO and the Brain: What Can, Does, or Might Happen to Your Patient's Brain

Moderator: George A. Lopez

- Neurologic Complications of ECMO
- Pediatric Neurologic Complications of ECMO
- · Neuromonitoring Is Available but Is It Helpful?
- · How to Declare Brain Death in a Patient on ECMO
- Neurocognitive Outcomes After ECMO

9:30 A.M. - 11:30 A.M. - Room: OCCC - Valencia Ballroom BC

FLIPPED CLASSROOM

How Do Religious Beliefs Influence End-of-Life Decisions?

Moderator: Joshua B. Kayser

- The Influence of Religion in Patient and Family End-of-Life Decisions
- The Influence of Religion in the Clinician's Background During End-of-Life Discussions
- Take-Home Applications for Cultural Differences Relating to End-of-Life Discussions
- Case Studies

9:30 A.M. - 11:30 A.M. • Room: OCCC - W414

Optimizing Antibiotic Use in Your ICU

Moderator: Philip S. Barie

- · The New Paradigm: Antibiotic Stewardship in the ICU
- How to De-Escalate Antibiotic Therapy
- Biomarker-Guided Antibiotic Therapy
- When Not to Give Antibiotics
- · Antibiotic Monitoring: Patient and Clinician Perspectives

10:45 A.M. - 11:45 A.M. - Room: OCCC - Valencia Ballroom D

Advances in Military Resuscitative Care and Correlates for Civilian Care

Moderators: Konrad L. Davis, John B. Holcomb

- Red Tides: Mass Casualty and Whole Blood at Sea
- Military Advances in Prehospital Care
- The Future of Combat Casualty Care

10:45 A.M. - 11:45 A.M. • Room: OCCC - W307

Modern Approaches to ECMO in Critical Care (joint session of SCCM and ELSO)

Moderator: Joseph E. Tonna

- Optimal Management of ARDS: What Is the Role of Venovenous ECMO?
- ECMO for RV Failure: Pulmonary Hypertension and Acute PE
- ECMO in End-Stage Lung Disease: Transplant and Beyond
- ECMO in Airway Emergencies
- Panel Discussion

10:45 A.M. - 11:45 A.M. - Room: OCCC - Chapin Theater

FLIPPED CLASSROOM

Intensive Palliative Care: Challenging Cases in the ICU

Moderators: Judy E. Davidson, Lillian L. Emlet

- · Case 1: Chronic Critical Illness and Matching Patient-Centered Goals
- Case 2: Mechanical Cardiac Support Devices and Withdrawal of Life-Sustaining Therapy
- Case 3: Emergencies, Surgeries, and Palliative Care: The Intersection

10:45 A.M. - 11:45 A.M. • Room: OCCC - W312

Leading a Multigenerational Team: Issues, Challenges, and Strategies

Moderator: Lilibeth Fermin

- · Understanding Multigenerational Diversity
- Establishing a Bridge Between Generations
- Strategies to Achieve High Performance From a Multigenerational Team

10:45 A.M. - 11:45 A.M. • Room: OCCC - W311E

Mirror, Mirror, Who's the Fairest? Administrative Challenges in Pediatric Critical Care Moderator: Jacqueline Elegant

- Measuring and Documenting Productivity
- Advanced Practice Providers in the Pediatric ICU
- · Managing Throughput: Adults in My Pediatric Beds

10:45 A.M. - 11:45 A.M. • Room: OCCC - West Hall B4

Pro/Con Debate: Electronic Diagnosis of Sepsis: Getting It Right or Overkill?

Moderator: Rhonda L. D'Agostino

- Pro: Electronic Sepsis Alerts Improve Outcomes
- · Con: Electronic Sepsis Alerts Are Overkill
- Panel Discussion

10:45 A.M. - 11:45 A.M. • Room: OCCC - W311A

The Elephant in the Room: The Many Impacts of Bias 🍑 #ImplicitBias

Moderator: Anthony T. Gerlach

- Effects of Bias on Patient Care and Outcomes
- · What Is Implicit Bias and How Does It Manifest Itself in Our Practice?
- Overcoming Bias by Improved Communication Promoting Intra- and Inter-Team Communication

TIMES	SESSION TITLE	ABSTRACT #
Sunday, February 16, 2	020	
Theater 1		
10:00 A.M 11:00 A.M.	Administration I	100 - 107
11:15 A.M 12:15 P.M.	Administration II	108 - 115
12:30 P.M 1:30 P.M.	Administration III	116 - 122
Theater 2		
10:00 A.M 11:00 A.M.	Cardiovascular/Hematology	130 - 138
11:15 A.M 12:15 P.M.	Cardiovascular/Pharmacology I	139 - 146
12:30 P.M 1:30 P.M.	Cardiovascular/Pharmacology II	147 - 154
Theater 3		
10:00 A.M 11:00 A.M.	Cardiovascular/Shock I	225 - 232
11:15 A.M 12:15 P.M.	Cardiovascular/Shock II	233 - 240
12:30 P.M 1:30 P.M.	Cardiovascular/Resuscitation	241 - 249
Theater 4		
10:00 A.M 11:00 A.M.	Epidemiology/Quality, Pediatric	339 - 346
11:15 A.M 12:15 P.M.	Epidemiology/Outcomes, Pediatric I	347 - 354
12:30 P.M 1:30 P.M.	Epidemiology/Outcomes, Pediatric II	355 - 361
Theater 5		
10:00 A.M 11:00 A.M.	Professional Development/Administration/Education	1034 - 1043
11:15 A.M 12:15 P.M.	Professional Development	1044 - 1053
12:30 P.M 1:30 P.M.	Professional Development, Pediatric	1054 - 1063
Theater 6	<u> </u>	
10:00 A.M 11:00 A.M.	Hematology, Pediatric I	501 - 510
11:15 A.M 12:15 P.M.	Hematology, Pediatric II	511 - 520
12:30 P.M 1:30 P.M.	Hematology I	521 - 528
Theater 7		
10:00 A.M 11:00 A.M.	Infection I	572 - 579
11:15 A.M 12:15 P.M.	Infection II	580 - 587
12:30 P.M 1:30 P.M.	Infection III	588 - 595
Theater 8		
10:00 A.M 11:00 A.M.	Neurology, Adult and Pediatric	669 - 677
11:15 A.M 12:15 P.M.	Neurology, Pediatric I	678 - 685
12:30 P.M 1:30 P.M.	Neurology, Pediatric II	686 - 693
Theater 9		
10:00 A.M 11:00 A.M.	Pharmacology, Pediatric I	839 - 847
11:15 A.M 12:15 P.M.	Pharmacology, Pediatric II	848 - 856
12:30 P.M 1:30 P.M.	Pharmacology, Adult and Pediatric	857 - 865
Theater 10		
10:00 A.M 11:00 A.M.	Pharmacology/Trauma/Gastrointestinal/Nutrition	944 - 951
11:15 A.M 12:15 P.M.	Pharmacology/Hematology/Endocrine	952 - 958
12:30 P.M 1:30 P.M.	Pharmacology I	959 - 967
Theater 11		
10:00 A.M 11:00 A.M.	Pulmonary II	1117 - 1125
11:15 A.M 12:15 P.M.	Pulmonary III	1126 - 1134
12:30 P.M 1:30 P.M.	Pulmonary IV	1135 - 1143



Presentations will be held in designated sections of Exhibit Hall C. Abstract titles and authors are available in the SCCM Events App.

TIMES	SESSION TITLE	ABSTRACT #
Sunday, February 16,	2020, Continued	
Theater 12		
10:00 A.M 11:00 A.M.	Quality and Patient Safety, Pediatric I	1214 - 1221
11:15 A.M 12:15 P.M.	Quality and Patient Safety, Pediatric II	1222 - 1229
12:30 P.M 1:30 P.M.	Quality and Patient Safety, Pediatric III	1230 - 1238
Theater 13		
10:00 A.M 11:00 A.M.	Quality and Patient Safety II	1315 - 1322
11:15 A.M 12:15 P.M.	Quality and Patient Safety III	1323 - 1330
12:30 P.M 1:30 P.M.	Quality and Patient Safety IV	1331 - 1338
Theater 14		
10:00 A.M 11:00 A.M.	Resuscitation/Cardiovascular I	1444 - 1452
11:15 A.M 12:15 P.M.	Resuscitation/Cardiovascular II	1453 - 1461
12:30 P.M 1:30 P.M.	Resuscitation/Neurology	1462 - 1471
Theater 15		
10:00 A.M 11:00 A.M.	Sepsis/Epidemiology, Pediatric	1555 - 1561
11:15 A.M 12:15 P.M.	Sepsis, Pediatric	1562 - 1568
12:30 P.M 1:30 P.M.	Sepsis, Pediatric and Veterinary	1569 - 1577
Theater 16		
10:00 A.M 11:00 A.M.	Sepsis IV	1653 - 1660
11:15 A.M 12:15 P.M.	Sepsis V	1661 - 1669
12:30 P.M 1:30 P.M.	Sepsis VI	1670 - 1678
Theater 17		
10:00 A.M 11:00 A.M.	Trauma/Neurology	1735 - 1743
11:15 A.M 12:15 P.M.	Trauma/Endocrine/Epidemiology	1744 - 1751
12:30 P.M 1:30 P.M.	Trauma/Pharmacology	1752 - 1760
Theater 18		
10:00 A.M 11:00 A.M.	Renal I	1393 - 1400
11:15 A.M 12:15 P.M.	Renal II	1401 - 1408
12:30 P.M 1:30 P.M.	Renal III	1409 - 1416
Monday, February 17,	2020	
Theater 1		
8:45 A.M 9:45 A.M.	Administration IV	123 - 129
10:00 A.M 11:00 A.M.	Disaster	298 - 306
11:15 A.M 12:15 P.M.	Immunology	561 - 571
12:30 P.M 1:30 P.M.	Integument	662 - 668
2:30 P.M 3:30 P.M.	Obstetrics	790 - 799
Theater 2		
8:45 A.M 9:45 A.M.	Cardiovascular, Pediatric I	155 - 162
10:00 A.M 11:00 A.M.	Cardiovascular, Pediatric II	163 - 170
11:15 A.M 12:15 P.M.	Cardiovascular, Pediatric III	171 - 178
12:30 P.M 1:30 P.M.	Cardiovascular, Pediatric IV	179 - 186
2:30 P.M 3:30 P.M.	Cardiovascular, Pediatric V	187 - 194
Theater 3		
8:45 A.M 9:45 A.M.	Cardiovascular/Pulmonary	250 - 258
10:00 A.M 11:00 A.M.	Cardiovascular I	259 - 266
11:15 A.M 12:15 P.M.	Cardiovascular II	267 - 274
12:30 P.M 1:30 P.M.	Cardiovascular III	275 - 282
2:30 P.M 3:30 P.M.	Cardiovascular IV	283 - 290

Continued on page 60

Monday, February 17, 2020, Continued	TIMES	SESSION TITLE	ABSTRACT #
8:45 A.M 9:45 A.M.	Monday, February 17	, 2020, Continued	
10:00 A.M 11:00 A.M.	Theater 4		
11:15 A.M 12:15 P.M. Epidemiology/Outcomes III 378 - 386 12:30 P.M 1:30 P.M. Epidemiology/Outcomes III 387 - 394 Theater 5 S	8:45 A.M 9:45 A.M.	Epidemiology/Outcomes, Pediatric III	362 - 368
12:30 P.M 1:30 P.M. Epidemiology/Outcomes III 387 - 394 Theater 5	10:00 A.M 11:00 A.M.	Epidemiology/Outcomes I	369 - 377
Theater 5	11:15 A.M 12:15 P.M.	Epidemiology/Outcomes II	378 - 386
8:45 A.M 9:45 A.M. Gastrointestinal/Nutrition, Adult and Pediatric 431 - 439 10:00 A.M 11:00 A.M. Gastrointestinal/Nutrition, Adult and Pediatric 440 - 447 11:15 A.M 12:15 P.M. Gastrointestinal/Nutrition, Pediatric 445 - 465 12:30 P.M 1:30 P.M. Gastrointestinal/Nutrition, Pediatric 457 - 465 12:30 P.M 3:30 P.M. Gastrointestinal/Nutrition 466 - 474 Theater 6	12:30 P.M 1:30 P.M.	Epidemiology/Outcomes III	387 - 394
10:00 A.M 11:00 A.M. Gastrointestinal/Nutrition, Adult and Pediatric II	Theater 5		
10:00 A.M 11:00 A.M. Gastrointestinal/Nutrition, Adult and Pediatric II	8:45 A.M 9:45 A.M.	Gastrointestinal/Nutrition, Adult and Pediatric I	431 - 439
12:30 P.M 1:30 P.M. Gastrointestinal/Nutrition, Pediatric II 457 - 465	10:00 A.M 11:00 A.M.		440 - 447
2:30 P.M 3:30 P.M. Gastrointestinal/Nutrition I 466 - 474 Theater 6 8:45 A.M 9:45 A.M. Hematology II 529 - 536 10:00 A.M 11:00 A.M. Hematology III 537 - 544 11:15 A.M 12:15 P.M. Hematology IV 545 - 552 12:30 P.M 1:30 P.M. Patient and Family/Quality 800 - 807 Theater 7 8:45 A.M 9:45 A.M. Infection IV 596 - 603 10:00 A.M 11:00 A.M. Infection/Pulmonary I 612 - 619 11:15 A.M 12:15 P.M. Infection/Pulmonary II 620 - 627 2:30 P.M 1:30 P.M. Infection/Pulmonary II 620 - 627 2:30 P.M 3:30 P.M. Infection/Pulmonary/Sepsis 628 - 635 Theater 8 8 628 - 635 8:45 A.M 9:45 A.M. Neurology/Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Pharmacology/Infection/Sepsis 866 - 873 <	11:15 A.M 12:15 P.M.	Gastrointestinal/Nutrition, Pediatric I	448 - 456
Theater 6	12:30 P.M 1:30 P.M.	Gastrointestinal/Nutrition, Pediatric II	457 - 465
S.45 A.M 9:45 A.M. Hematology II 529 - 536	2:30 P.M 3:30 P.M.	Gastrointestinal/Nutrition I	466 - 474
10:00 A.M 11:00 A.M.	Theater 6	·	<u>'</u>
11:15 A.M 12:15 P.M. Hematology IV 545 - 552 12:30 P.M 1:30 P.M. Patient and Family/Quality 800 - 807 Theater 7 8:45 A.M 9:45 A.M. Infection IV 596 - 603 10:00 A.M 11:00 A.M. Infection V 604 - 611 11:15 A.M 12:15 P.M. Infection/Pulmonary I 612 - 619 12:30 P.M 1:30 P.M. Infection/Pulmonary I 620 - 627 12:30 P.M 3:30 P.M. Infection/Pulmonary I 620 - 627 12:30 P.M 3:30 P.M. Infection/Pulmonary/Sepsis 628 - 635 Theater 8 8:45 A.M 9:45 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 3:30 P.M. Neurology/Pharmacology I 720 - 727 13:30 P.M 3:30 P.M. Neurology/Pharmacology I 720 - 727 13:30 P.M 3:30 P.M. Neurology/Immunology/Immunology/Immunology I 720 - 727 13:30 P.M 3:30 P.M. Neurology/Pharmacology I 720 - 727 13:30 P.M 1:30 P.M. Neurology/Pharmacology I 720 - 727 13:30 P.M 1:30 P.M. Neurology/Immunology/Immunology II 720 - 727 13:30 P.M 1:30 P.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Infection/Sepsis 866 - 873 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Quality I 893 - 900 12:30 P.M 1:30 P.M. Pharmacology/III 968 - 976 10:00 A.M 11:00 A.M. Pharmacology II 968 - 976 10:00 A.M 11:00 A.M. Pharmacology II 968 - 976 11:15 A.M 12:15 P.M. Pharmacology II 968 - 994 12:30 P.M 1:30 P.M. Pulmonary/Pharmacology 100 - 100	8:45 A.M 9:45 A.M.	Hematology II	529 - 536
11:15 A.M 12:15 P.M.	10:00 A.M 11:00 A.M.	Hematology III	537 - 544
12:30 P.M 1:30 P.M. Patient and Family/Quality 800 - 807 Theater 7 8:45 A.M 9:45 A.M. Infection IV 596 - 603 10:00 A.M 11:00 A.M. Infection V 604 - 611 11:15 A.M 12:15 P.M. Infection/Pulmonary I 612 - 619 12:30 P.M 1:30 P.M. Infection/Pulmonary II 620 - 627 2:30 P.M 1:30 P.M. Infection/Pulmonary II 620 - 627 1:30 P.M 1:30 P.M. Infection/Pulmonary II 620 - 627 1:30 P.M 1:30 P.M. Infection/Pulmonary II 694 - 701 10:00 A.M 11:00 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 12:30 P.M 3:30 P.M. Neurology/Pharmacology II 720 - 727 13:30 P.M 1:30 P.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Neurology 883 - 900 2:30 P.M 3:30 P.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology II 968 - 976 10:00 A.M 11:00 A.M. Pharmacology II 977 - 985 11:15 A.M 12:15 P.M. Pharmacology II 977 - 985 11:15 A.M 12:15 P.M. Pharmacology II 977 - 985 11:15 A.M 12:15 P.M. Plumonary/Pharmacology II 974 - 1082 Theater 11 8:45 A.M 9:45 A.M. Pulmonary VI 1144 - 1152 10:00 A.M 11:00 A.M. Pulmonary VI 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary VI 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary, Pediatric/Cardiovascular/Epidemiology 1170 - 1178	11:15 A.M 12:15 P.M.		545 - 552
2:30 P.M 3:30 P.M. Patient and Family/Quality 800 - 807	12:30 P.M 1:30 P.M.		553 - 560
Theater 7	2:30 P.M 3:30 P.M.		800 - 807
10:00 A.M 11:00 A.M.	Theater 7		
11:15 A.M 12:15 P.M. Infection/Pulmonary 612 - 619 12:30 P.M 1:30 P.M. Infection/Pulmonary 620 - 627 2:30 P.M 3:30 P.M. Infection/Pulmonary 628 - 635 15 A.M 9:45 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology 720 - 727 12:30 P.M 3:30 P.M. Neurology/Pharmacology 722 - 736 17 A.M 12:15 P.M. Neurology/Pharmacology 728 - 736 17 A.M 12:15 P.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 3:30 P.M. Pharmacology/Quality 893 - 900 12:30 P.M 3:30 P.M. Pharmacology/Quality 901 - 909 1845 A.M 9:45 A.M. Pharmacology/Quality 91 - 909 1855 A.M 1:100 A.M. Pharmacology 986 - 976 10:00 A.M 11:00 A.M. Pharmacology 1064 - 1073 12:30 P.M 3:30 P.M. Pulmonary/Pharmacology 1064 - 1073 12:30 P.M 3:30 P.M. Pulmonary 1000 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary Pulmonary 1162 - 1169 12:30 P.M 1:30 P.M. Pulmonary Pulmonary 1162 - 1169 12:30 P.M 1:30 P.M. Pulmonary Pulmonary 1170 - 1178	8:45 A.M 9:45 A.M.	Infection IV	596 - 603
12:30 P.M 1:30 P.M.	10:00 A.M 11:00 A.M.	Infection V	604 - 611
2:30 P.M 3:30 P.M. Infection/Pulmonary/Sepsis 628 - 635 Theater 8 8:45 A.M 9:45 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Neurology/Endocrine/Renal 728 - 736 Theater 9 8:45 A.M 9:45 A.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology III 968 - 976 10:00 A.M 11:00 A.M. Pharmacology IV 986 - 994 11:15 A.M 12:15 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 3:30 P.M. Pulmonary/Pharmacology 1074 - 1082 Theater 11 8:45 A.M 9:45 A.M. Pulmonary V 1144 - 1152 10	11:15 A.M 12:15 P.M.	Infection/Pulmonary I	612 - 619
2:30 P.M 3:30 P.M. Infection/Pulmonary/Sepsis 628 - 635 Theater 8 8:45 A.M 9:45 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Neurology/Endocrine/Renal 728 - 736 Theater 9 8:45 A.M 9:45 A.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology III 968 - 976 10:00 A.M 11:00 A.M. Pharmacology IV 986 - 994 11:15 A.M 12:15 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 3:30 P.M. Pulmonary, Pediatric/Cardiovascular 1074 - 1082 Theater 11 8:45 A.M 9:45 A.M. Pulmonary VI 114	12:30 P.M 1:30 P.M.	Infection/Pulmonary II	620 - 627
8:45 A.M 9:45 A.M. Neurology, Pediatric III 694 - 701 10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Neurology/Endocrine/Renal 728 - 736 Theater 9 8:45 A.M 9:45 A.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology III 968 - 976 10:00 A.M 11:00 A.M. Pharmacology IV 986 - 994 12:30 P.M 1:30 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 3:30 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 3:30 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 1:30 P.M. Pulmonary V 1144 - 1152 10:00 A.M 11:00 A.M. Pulmonary VI 1153 - 1161	2:30 P.M 3:30 P.M.		628 - 635
10:00 A.M 11:00 A.M. Neurology/Immunology/Infection 702 - 709 11:15 A.M 12:15 P.M. Neurology/Pharmacology 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology 720 - 727 2:30 P.M 3:30 P.M. Neurology/Endocrine/Renal 728 - 736 Theater 9	Theater 8		'
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11:15 A.M 12:15 P.M. Neurology/Pharmacology I 710 - 719 12:30 P.M 1:30 P.M. Neurology/Pharmacology II 720 - 727 2:30 P.M 3:30 P.M. Neurology/Endocrine/Renal 728 - 736 Theater 9 8:45 A.M 9:45 A.M. Pharmacology/Infection/Sepsis 866 - 873 10:00 A.M 11:00 A.M. Pharmacology/Neurology/Quality 874 - 882 11:15 A.M 12:15 P.M. Pharmacology/Neurology 883 - 892 12:30 P.M 1:30 P.M. Pharmacology/Quality I 901 - 909 Theater 10 8:45 A.M 9:45 A.M. Pharmacology II 968 - 976 10:00 A.M 11:00 A.M. Pharmacology III 977 - 985 11:15 A.M 12:15 P.M. Pharmacology IV 986 - 994 12:30 P.M 1:30 P.M. Pulmonary/Pharmacology 1064 - 1073 2:30 P.M 3:30 P.M. Pulmonary, Pediatric/Cardiovascular 1074 - 1082 Theater 11 8:45 A.M 9:45 A.M. Pulmonary VI 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary VI 1153 - 1161 11:15 A.M 12:15 P.M. Pulmonary VII 1162 - 1169 12:30 P.M 1:30 P.M. Pulmonar	10:00 A.M 11:00 A.M.		
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12:30 P.M 1:30 P.M. Pulmonary, Pediatric/Cardiovascular/Epidemiology 1170 - 1178			
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TIMES	SESSION TITLE	ABSTRACT #
Monday, February 17	, 2020, Continued	
Theater 12		
8:45 A.M 9:45 A.M.	Quality and Patient Safety, Pediatric IV	1239 - 1247
10:00 A.M 11:00 A.M.	Quality and Patient Safety, Pediatric V	1248 - 1256
11:15 A.M 12:15 P.M.	Quality and Patient Safety, Pediatric VI	1257 - 1265
12:30 P.M 1:30 P.M.	Quality and Patient Safety, Pediatric VII	1266 - 1273
2:30 P.M 3:30 P.M.	Quality/Resuscitation/Pulmonary	1274 - 1282
Theater 13		
8:45 A.M 9:45 A.M.	Quality and Patient Safety V	1339 - 1346
10:00 A.M 11:00 A.M.	Quality and Patient Safety VI	1347 - 1354
11:15 A.M 12:15 P.M.	Quality and Patient Safety VII	1355 - 1362
12:30 P.M 1:30 P.M.	Quality and Patient Safety VIII	1363 - 1370
2:30 P.M 3:30 P.M.	Quality and Patient Safety IX	1371 - 1378
Theater 14		
8:45 A.M 9:45 A.M.	Resuscitation/Shock	1472 - 1479
10:00 A.M 11:00 A.M.	Resuscitation I	1480 - 1488
11:15 A.M 12:15 P.M.	Resuscitation II	1489 - 1496
12:30 P.M 1:30 P.M.	Resuscitation III	1497 - 1504
2:30 P.M 3:30 P.M.	Resuscitation IV	1505 - 1512
Theater 15		
3:45 A.M 9:45 A.M.	Sepsis/Epidemiology	1578 - 1585
10:00 A.M 11:00 A.M.	Sepsis/Cardiovascular	1586 - 1593
11:15 A.M 12:15 P.M.	Sepsis/Pharmacology	1594 - 1602
12:30 P.M 1:30 P.M.	Sepsis/Infection I	1603 - 1610
2:30 P.M 3:30 P.M.	Sepsis/Infection II	1611 - 1618
Theater 16		
8:45 A.M 9:45 A.M.	Sepsis VII	1679 - 1686
10:00 A.M 11:00 A.M.	Sepsis VIII	1687 - 1693
11:15 A.M 12:15 P.M.	Shock, Adult and Pediatric	1694 - 1701
12:30 P.M 1:30 P.M.	Shock/Cardiovascular	1702 - 1709
2:30 P.M 3:30 P.M.	Shock I	1710 - 1717
Theater 17	- Check I	1.7.10 1.7.1
3:45 A.M 9:45 A.M.	Trauma I	1761 - 1768
10:00 A.M 11:00 A.M.	Trauma II	1769 - 1775
11:15 A.M 12:15 P.M.	Trauma III	1776 - 1783
12:30 P.M 1:30 P.M.	Trauma IV	1784 - 1791
2:30 P.M 3:30 P.M.	Trauma V	1792 - 1799
Theater 18		132 1733
3:45 A.M 9:45 A.M.	Renal IV	1417 - 1425
10:00 A.M 11:00 A.M.	Renal, Adult and Pediatric	1426 - 1434
11:15 A.M 12:15 P.M.	Renal, Pediatric	1435 - 1443
12:30 P.M 1:30 P.M.	Neurology IV	772 - 780
2:30 P.M 3:30 P.M.	Neurology V	781 - 789

TIMES	SESSION TITLE	ABSTRACT #
Tuesday, February 18	, 2020	
Theater 1		
8:45 A.M 9:45 A.M.	Procedures, Adult and Pediatric I	995 - 1004
10:00 A.M 11:00 A.M.	Procedures, Adult and Pediatric II	1005 - 1013
11:15 A.M 12:15 P.M.	Procedures I	1014 - 1023
12:30 P.M 1:30 P.M.	Procedures II	1024 - 1033
Theater 2		
8:45 A.M 9:45 A.M.	Cardiovascular, Adult and Pediatric	195 - 201
10:00 A.M 11:00 A.M.	Cardiovascular, Pediatric VI	202 - 209
11:15 A.M 12:15 P.M.	Cardiovascular/Pharmacology/Procedures	210 - 217
12:30 P.M 1:30 P.M.	Cardiovascular/Procedures	218 - 224
Theater 3		
8:45 A.M 9:45 A.M.	Cardiovascular V	291 - 297
10:00 A.M 11:00 A.M.	Endocrine I	307 - 315
11:15 A.M 12:15 P.M.	Endocrine II	316 - 323
12:30 P.M 1:30 P.M.	Endocrine, Adult and Pediatric	324 - 330
Theater 4		
8:45 A.M 9:45 A.M.	Epidemiology/Outcomes IV	395 - 402
10:00 A.M 11:00 A.M.	Epidemiology/Outcomes V	403 - 410
11:15 A.M 12:15 P.M.	Ethics/End of Life I	411 - 420
12:30 P.M 1:30 P.M.	Ethics/End of Life II	421 - 430
Theater 5	T	
8:45 A.M 9:45 A.M.	Gastrointestinal/Nutrition II	475 - 483
10:00 A.M 11:00 A.M.	Gastrointestinal/Nutrition III	484 - 491
11:15 A.M 12:15 P.M.	Gastrointestinal/Nutrition IV	492 - 500
12:30 P.M 1:30 P.M.	Epidemiology/Outcomes, Adult and Pediatric	331 - 338
Theater 6		
8:45 A.M 9:45 A.M.	Patient and Family I	808 - 815
10:00 A.M 11:00 A.M.	Patient and Family, Adult and Pediatric I	816 - 823
11:15 A.M 12:15 P.M.	Patient and Family, Adult and Pediatric II	824 - 831
12:30 P.M 1:30 P.M.	Patient and Family, Pediatric	832 - 838
Theater 7	1.6 10	000 040
8:45 A.M 9:45 A.M.	Infection/Sepsis	636 - 642
10:00 A.M 11:00 A.M.	Infection, Adult and Pediatric	643 - 651
11:15 A.M 12:15 P.M.	Infection, Pediatric	652 - 661
12:30 P.M 1:30 P.M.		
Theater 8	N. I. /F : I. : I	E0E E44
8:45 A.M 9:45 A.M.	Neurology/Epidemiology	737 - 744
10:00 A.M 11:00 A.M.	Neurology I	745 - 753
11:15 A.M 12:15 P.M.	Neurology II	754 - 762
12:30 P.M 1:30 P.M.	Neurology III	763 - 771
Theater 9	Dhawaa a ala wu/Owalitu III	010 016
8:45 A.M 9:45 A.M.	Pharmacology/Quality III	910 - 916
10:00 A.M 11:00 A.M.	Pharmacology/Cardiovascular	917 - 925
11:15 A.M 12:15 P.M. 12:30 P.M 1:30 P.M.	Pharmacology/Cardiovascular/Pulmonary Pharmacology/Pulmonary/Shock	926 - 934 935 - 943
12.30 F.IVI 1:30 P.IVI.	гланнасоюду/гиннопагу/эпоск	930 - 943





TIMES	SESSION TITLE	ABSTRACT #
Tuesday, February 18	, 2020, Continued	
Theater 10		
8:45 A.M 9:45 A.M.	Pulmonary/Epidemiology/Sepsis	1083 - 1091
10:00 A.M 11:00 A.M.	Pulmonary/Infection	1092 - 1099
11:15 A.M 12:15 P.M.	Pulmonary/Quality/Administration	1100 - 1107
12:30 P.M 1:30 P.M.	Pulmonary I	1108 - 1116
Theater 11		
8:45 A.M 9:45 A.M.	Pulmonary, Pediatric II	1187 - 1195
10:00 A.M 11:00 A.M.	Pulmonary, Pediatric III	1196 - 1204
11:15 A.M 12:15 P.M.	Pulmonary, Pediatric IV	1205 - 1213
12:30 P.M 1:30 P.M.	Resuscitation, Pediatric and Veterinary	1546 - 1554
Theater 12		
8:45 A.M 9:45 A.M.	Quality/Administration	1283 - 1290
10:00 A.M 11:00 A.M.	Quality/Epidemiology	1291 - 1298
11:15 A.M 12:15 P.M.	Quality/Cardiovascular/Endocrine	1299 - 1306
12:30 P.M 1:30 P.M.	Quality and Patient Safety I	1307 - 1314
Theater 13		
8:45 A.M 9:45 A.M.	Quality and Patient Safety X	1379 - 1384
10:00 A.M 11:00 A.M.	Quality and Patient Safety, Adult and Pediatric	1385 - 1392
Theater 14		
8:45 A.M 9:45 A.M.	Resuscitation V	1513 - 1520
10:00 A.M 11:00 A.M.	Resuscitation VI	1521 - 1528
11:15 A.M 12:15 P.M.	Resuscitation, Pediatric I	1529 - 1536
12:30 P.M 1:30 P.M.	Resuscitation, Pediatric II	1537 - 1545
Theater 15		
8:45 A.M 9:45 A.M.	Sepsis/Resuscitation	1619 - 1626
10:00 A.M 11:00 A.M.	Sepsis I	1627 - 1634
11:15 A.M 12:15 P.M.	Sepsis II	1635 - 1643
12:30 P.M 1:30 P.M.	Sepsis III	1644 - 1652
Theater 16		
8:45 A.M 9:45 A.M.	Shock II	1718 - 1725
10:00 A.M 11:00 A.M.	Shock III	1727 - 1734
Theater 17		
8:45 A.M 9:45 A.M.	Trauma, Adult and Pediatric	1800 - 1806
10:00 A.M 11:00 A.M.	Trauma, Pediatric	1807 - 1813

All SCCM members interested in attending SCCM committee meetings during Congress are welcome to attend. However, due to previously developed agendas for discussion, non-committee members are respectfully asked to refrain from participation until the committee chairperson invites open comments from non-committee members. On rare occasions some committees require privacy to complete their tasks. In these cases, non-committee members will be excused from the meeting, at the discretion of the committee chairperson. To apply for formal appointment to an SCCM committee, visit mysccm.org.

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Meeting Name	Start Time	End Time	Room
Thursday, February 13, 2020			
Executive Committee Meeting	12:00 P.M.	5:00 P.M.	Hyatt - Rock Spring
Friday, February 14, 2020			
Council Meeting	7:00 A.M.	4:00 P.M.	Hyatt - Plaza International Ballroom D
Saturday, February 15, 2020			
ACCM Board of Regents Meeting	7:30 A.M.	4:00 P.M.	Hyatt - Rock Spring
New Council Member Orientation	1:00 P.M.	2:30 P.M.	OCCC - Gary Sain Cafe
Guidelines on Glycemic Control for Critically III Children and Adults Meeting	1:00 P.M.	5:00 P.M.	OCCC - W104
Clinical Pharmacy and Pharmacology Section Steering Committee Strategic Planning Meeting	2:00 P.M.	5:00 P.M.	Hyatt - Peacock Spring
Congress Program Committee Meeting	3:30 P.M.	6:30 P.M.	OCCC - W308
Clinical Pharmacy and Pharmacology Section Pre- Congress Forum	5:00 P.M.	7:00 P.M.	Hyatt - Barrel Spring
Fundamentals Reception	5:30 P.M.	6:30 P.M.	Hyatt - Regency Ballroom O
Respiratory Care Section Reception	6:00 P.M.	7:30 P.M.	Hyatt - Blue Spring I
Sunday, February 16, 2020			
ACCM Fellowship Services Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W206A
Critical Care Ultrasound: Pediatric and Neonatal Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W206B
Clinical Pharmacy and Pharmacology Section Advancement Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W105
Nursing Section Steering Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W206C
Surgery Section Strategic Planning Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W205C
Discovery Oversight Committee Meeting	9:30 A.M.	10:30 A.M.	OCCC - W104
Anesthesiology Section Communications Committee Meeting	9:30 A.M.	10:30 A.M.	OCCC - W102
Internal Medicine Section Steering Committee Meeting	9:30 A.M.	10:30 A.M.	Hyatt - Manatee Spring II
Clinical Pharmacy and Pharmacology Section Recruitment Exchange Committee Meeting	9:30 A.M.	11:30 A.M.	Hyatt - Orlando Ballroom M
Critical Care Ultrasound: Adult Committee Meeting	9:45 A.M.	10:45 A.M.	OCCC - W205C
New Member Orientation and Chapters Alliance Business Meeting	9:45 A.M.	12:15 P.M.	OCCC - W223
Adult MCCKAP Business Meeting	10:00 A.M.	10:45 A.M.	OCCC - W310



Meeting Name	Start Time	End Time	Room
Sunday, February 16, 2020, Continued			
Academic Leaders in Critical Care Medicine Meeting	10:00 A.M.	11:00 A.M.	OCCC - W205B
Program Improvement Work Group Meeting	10:00 A.M.	11:00 A.M.	OCCC - W206A
Pediatrics Section Fellowship Directors Committee Meeting	10:00 A.M.	11:00 A.M.	OCCC - W205A
Research Section Education and Simulation Subcommittee Meeting	10:00 A.M.	11:00 A.M.	OCCC - W105
Fundamental Critical Care Support Committee Business Meeting	10:00 A.M.	11:20 A.M.	OCCC - W309B
Nursing Section Business Meeting	10:00 A.M.	11:30 A.M.	Hyatt - Orlando Ballroom N
Guidelines for Monitoring and Management of Pain, Sedation, Delirium, Neuromuscular Blockade, and Withdrawal in Critically III Infants and Children With Consideration of Early Mobility and Sleep Meeting	10:00 A.M.	2:00 P.M.	OCCC - W107
Become a Fellow of the American College of Critical Care Medicine	10:30 A.M.	11:30 A.M.	OCCC - W308
Drug Shortages and Medication Safety Committee Business Meeting	10:30 A.M.	11:30 A.M.	OCCC - W104
Anesthesiology Section Diversity and Inclusion Committee Meeting	10:30 A.M.	11:30 A.M.	OCCC - W108
Neuroscience Section Steering Committee Meeting	10:30 A.M.	11:30 A.M.	Hyatt - Peacock Spring
Pediatric MCCKAP Business Meeting	11:00 A.M.	11:45 A.M.	OCCC - W310
Pediatric Fundamental Critical Care Support Committee Business Meeting	11:30 A.M.	12:20 P.M.	OCCC - W309B
Respiratory Care Section Business Meeting and Lunch Reception	11:30 A.M.	1:00 P.M.	OCCC - W206C
Neuroscience Section Business Meeting and Luncheon Sponsored by CoapTech	11:30 A.M.	1:30 P.M.	Hyatt - Manatee Spring I
Chapters Alliance Executive Committee Meeting	12:30 P.M.	1:30 P.M.	OCCC - W223
Physician Assistant Section Steering Committee Meeting	12:30 P.M.	1:30 P.M.	OCCC - W106
Research Section Communications Subcommittee Meeting	12:30 P.M.	1:30 P.M.	OCCC - W105
Accreditation and Learning Strategies Committee Meeting	1:00 P.M.	1:45 P.M.	OCCC - W310
Fundamental Disaster Management Committee Business Meeting	1:00 P.M.	1:50 P.M.	OCCC - W309B
ACCM Credentials Committee Meeting	1:00 P.M.	2:00 P.M.	OCCC - W205B
Philadelphia Area Critical Care Society	1:00 P.M.	2:00 P.M.	Hyatt - Manatee Spring II
Clinical Pharmacy and Pharmacology Section PAC Pharmacists-to-Patient Ratio Task Force Meeting	1:00 P.M.	2:00 P.M.	OCCC- W309A

Meeting Name	Start Time	End Time	Room
Sunday, February 16, 2020, Continued			
Data Science Programming Task Force Meeting	1:00 P.M.	2:00 P.M.	OCCC - W205C
Discovery Steering Committee Meeting	1:00 P.M.	2:00 P.M.	OCCC - W104
Family Engagement Collaborative Touch Base Meeting	1:00 P.M.	2:00 P.M.	OCCC - W108
Nursing Section Communications Committee Meeting	1:00 P.M.	2:00 P.M.	OCCC - W206B
Pediatrics Section Steering Committee Meeting	1:00 P.M.	2:00 P.M.	OCCC - W206C
Anesthesiology Section Steering Committee Meeting	2:45 P.M.	3:45 P.M.	OCCC - W102
Physician Assistant Section Business Meeting	2:45 P.M.	3:45 P.M.	Hyatt - Barrel Spring
Fundamental Critical Care Support: Obstetrics Committee Business Meeting	3:00 P.M.	3:50 P.M.	OCCC - W309B
Finance Committee Meeting	3:00 P.M.	4:00 P.M.	OCCC - W309A
Pediatric Current Concepts Committee Business Meeting	3:00 P.M.	4:00 P.M.	OCCC - W205C
In-Training Section Steering Committee Meeting	3:00 P.M.	4:00 P.M.	OCCC - W306
Pediatrics Section Fellows Committee Meeting	3:00 P.M.	4:00 P.M.	OCCC - W205A
Research Section ICU Quality and Patient Safety Subcommittee Meeting	3:00 P.M.	4:00 P.M.	OCCC - W105
THRIVE Patient Family Committee Meeting	3:00 P.M.	4:30 P.M.	OCCC - W108
ICU Design Award Committee Meeting	3:00 P.M.	5:00 P.M.	OCCC - W310
Guidelines for Stress Ulcer Prophylaxis in Adult Critically III Patients Meeting	3:00 P.M.	5:00 P.M.	OCCC - W104
Discovery Winter Clinical Investigators Meeting	3:00 P.M.	5:00 P.M.	Hyatt - Coral Spring
Pediatric Sepsis Definitions Meeting	3:00 P.M.	5:30 P.M.	OCCC - W206A
Carolinas/Virginias Chapter Meeting	3:15 P.M.	4:15 P.M.	Hyatt - Discovery 47
Florida Chapter Meeting	3:15 P.M.	4:15 P.M.	Hyatt - Columbia 37
North Central Chapter Meeting	3:15 P.M.	4:15 P.M.	Hyatt - Discovery 46
Anesthesiology Section Business Meeting	3:45 P.M.	4:45 P.M.	OCCC - W223
ACCM Nominating Committee Meeting	4:00 P.M.	5:00 P.M.	OCCC - W206B
Adult Current Concepts Committee Business Meeting	4:00 P.M.	5:00 P.M.	OCCC - W205C
Fundamentals Leadership Committee Business Meeting	4:00 P.M.	5:00 P.M.	OCCC - W309B
Research Section Clinical and Epidemiology Subcommittee Meeting	4:00 P.M.	5:00 P.M.	OCCC - W105
Surgery Section Steering Committee Meeting	4:00 P.M.	5:00 P.M.	OCCC - W206C
Midwest Chapter Business Meeting	4:30 P.M.	5:30 P.M.	Hyatt - Discovery 47
Oregon Chapter Business Meeting	4:30 P.M.	5:30 P.M.	Hyatt - Discovery 48
Texas Chapter Meeting	4:30 P.M.	6:30 P.M.	Hyatt - Columbia 37
Southern California Chapter Business Meeting	4:30 P.M.	6:30 P.M.	Hyatt - Discovery 46
China Welcome Reception	5:00 P.M.	6:00 P.M.	Hyatt - Blue Spring I



Meeting Name	Start Time	End Time	Room
Sunday, February 16, 2020, Continued			
Clinical Pharmacy and Pharmacology Section New Members and First-Time Congress Attendees Orientation	5:00 P.M.	6:00 P.M.	Hyatt - Barrel Spring
Advanced Practice Providers Resource Reception Sponsored by Teleflex	5:00 P.M.	6:30 P.M.	Hyatt - Florida Ballroom B
Anesthesiology Section Reception Sponsored by Edwards Lifesciences	5:00 P.M.	6:30 P.M.	Hyatt - Orchid Room
Pediatrics Section Reception	5:00 P.M.	7:00 P.M.	Hyatt - Upper Pool Deck
ACCM Fellows Reception	6:00 P.M.	7:30 P.M.	Hyatt - Rainbow Spring
Pennsylvania Chapter Reception	6:00 P.M.	7:30 P.M.	Hyatt - Rocks Lounge
Nursing Section Reception	6:00 P.M.	7:30 P.M.	Hyatt - Regency Ballroom P
Mayo Clinic Alumni Reception	6:00 P.M.	8:00 P.M.	Maggiano's Little Italy, Pointe Orlando
St. George's University School of Medicine Alumni Association Welcome Reception	6:00 P.M.	8:00 P.M.	Hyatt - Columbia 36
Clinical Pharmacy and Pharmacology Section Reception Sponsored by Portola Pharmaceuticals, Inc.	6:00 P.M.	8:00 P.M.	Hyatt - Regency Ballroom O
New Jersey Chapter Meeting	6:00 P.M.	9:00 P.M.	Hyatt - Discovery 43
UPMC/University of Pittsburgh Alumni Reunion	6:00 P.M.	9:00 P.M.	Hyatt - Challenger 38-39
Surgery Section Reception Sponsored by Portola Pharmaceuticals, Inc.	7:00 P.M.	8:30 P.M.	Hyatt - Blue Spring II
Massachusetts General Hospital Surgical Critical Care Alumni Reception	7:00 P.M.	9:00 P.M.	Hyatt - Columbia 34
Oncologic Critical Care Research Network Business Meeting	7:00 P.M.	9:30 P.M.	Hyatt - Columbia 4
Internal Medicine Section Reception Sponsored by Baxter Healthcare Corporation	7:30 P.M.	9:00 P.M.	Hyatt - Blue Spring I
Research Section/Discovery Reception	7:30 P.M.	9:00 P.M.	Hyatt - Rock Spring
Monday, February 17, 2020			
Data Science in Intensive Care Medicine KEG Meeting	7:00 A.M.	8:00 A.M.	OCCC - W223
Clinical Pharmacy and Pharmacology Section Education Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W107
Critical Care Echocardiography Course Meeting	7:00 A.M.	8:00 A.M.	OCCC - W101
Nursing Section Research and Scholarship Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W206C
Pediatrics Section Resident Education and Recruitment Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W205A
Research Section Basic and Translational Subcommittee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W105

Continued on page 68

Meeting Name	Start Time	End Time	Room
Monday, February 17, 2020, Continued			
UPenn PROSpect - Investigators Meeting	8:00 A.M.	9:30 A.M.	Hyatt - Columbia 35
Clinical Pharmacy and Pharmacology Section Research and Scholarship Committee Meeting	8:45 A.M.	9:45 A.M.	OCCC - W205C
Pediatrics Section Quality and Safety Committee Meeting	8:45 A.M.	9:45 A.M.	OCCC - W206C
Adult MCCR Committee Meeting	9:00 A.M.	10:00 A.M.	OCCC - W102
Pediatric Online Module Development Committee Business Meeting	9:00 A.M.	10:00 A.M.	OCCC - W310
FCCS: Surgical Task Force Meeting	9:00 A.M.	10:20 A.M.	OCCC - W309A
Obstetric Critical Care KEG Meeting	9:30 A.M.	10:30 A.M.	Hyatt - Discovery 44
Membership Committee Meeting	9:30 A.M.	10:30 A.M.	OCCC - W306
Item Writing Adult Committee Business Meeting	10:00 A.M.	10:45 A.M.	OCCC - W310
Graduate Education Committee Business Meeting	10:00 A.M.	11:00 A.M.	OCCC - W205B
Pediatric MCCR Committee Meeting	10:00 A.M.	11:00 A.M.	OCCC - W101
Surviving Sepsis Campaign Research Committee Meeting	10:00 A.M.	11:00 A.M.	OCCC - W206A
Tele-Critical Care Committee Business Meeting	10:00 A.M.	11:00 A.M.	OCCC - W104
FDM 4th Edition Task Force Meeting	10:45 A.M.	12:00 P.M.	OCCC - W310
Item Writing Pediatric Committee Business Meeting	11:00 A.M.	11:45 A.M.	OCCC - W206A
Women in Critical Care KEG Meeting	11:00 A.M.	12:00 P.M.	Hyatt - Manatee Spring
SCCM Career Advancement Program Task Force Meeting	11:30 A.M.	12:30 P.M.	OCCC - W206C
Northern California Chapter Business Meeting	12:00 P.M.	1:00 P.M.	Hyatt - Discovery 46
SCCM ESCIM Joint Societies Meeting	12:00 P.M.	1:00 P.M.	OCCC - Gary Sain Cafe
Clinical Pharmacy and Pharmacology Section Patient Safety Committee Meeting	12:00 P.M.	1:00 P.M.	OCCC - W108
Internal Medicine Section Intensivists in Practice Committee Meeting	12:00 P.M.	1:00 P.M.	Hyatt - Coral Spring
Nursing Section Membership Committee Meeting	12:00 P.M.	1:00 P.M.	OCCC - W205A
Pediatrics Section Palliative Care Committee Meeting	12:00 P.M.	1:00 P.M.	OCCC - W206B
Research Section Steering Committee Meeting	12:00 P.M.	1:00 P.M.	OCCC - W105
Surgery Section Business Meeting	12:00 P.M.	1:00 P.M.	Hyatt - Barrel Spring
Scientific Review Committee Meeting	12:30 P.M.	1:30 P.M.	OCCC - W107
Surviving Sepsis Campaign Executive Committee Meeting	1:00 P.M.	2:00 P.M.	OCCC - Gary Sain Cafe
Defining Common Knowledge and Skills for Critical Care Training	1:00 P.M.	3:00 P.M.	OCCC - W101
Surviving Sepsis Campaign Steering Committee Meeting	2:00 P.M.	3:00 P.M.	OCCC - Gary Sain Cafe



Meeting Name	Start Time	End Time	Room
Monday, February 17, 2020, Continued			
Social Media Committee Meeting	2:15 P.M.	3:15 P.M.	OCCC - W205B
Research Section Mentorship Subcommittee Meeting	2:15 P.M.	3:15 P.M.	OCCC - W108
Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU Meeting	2:00 P.M.	4:00 P.M.	OCCC - W104
Aging in Critical Care Business Meeting	2:30 P.M.	3:30 P.M.	OCCC - W103
Choosing Wisely KEG Meeting	2:30 P.M.	3:30 P.M.	Hyatt - Orlando Ballroom N
Baltimore Chapter Business Meeting	2:30 P.M.	3:30 P.M.	Hyatt - Discovery 47
Ethics Committee Meeting	2:30 P.M.	3:30 P.M.	OCCC - W205C
Postgraduate Education Committee Business Meeting	2:30 P.M.	3:30 P.M.	OCCC - W102
Clinical Pharmacy and Pharmacology Section Membership Committee Meeting	2:30 P.M.	3:30 P.M.	OCCC - W105
Nursing Section Advanced Nursing Practice and Professional Development Committee Meeting	2:30 P.M.	3:30 P.M.	OCCC - W205A
Osteopathic Medicine Section Business Meeting	2:30 P.M.	3:30 P.M.	OCCC - W206C
FCCS 7th Edition Task Force Meeting	2:30 P.M.	4:00 P.M.	OCCC - W309B
Mayo Clinic Critical Care Specialty Council Meeting	2:30 P.M.	5:00 P.M.	Hyatt - Discovery 43
Recognizing Critical Illness Outside the ICU Guidelines Panel Meeting	2:30 P.M.	5:30 P.M.	OCCC - W206A
In-Training Section Business Meeting	3:00 P.M.	4:00 P.M.	OCCC - W306
The Future of Collaboratives to Improve Post-Intensive Care Syndrome Meeting	3:00 P.M.	5:00 P.M.	Hyatt - Challenger 38-42
Northeast Chapter Business Meeting	3:15 P.M.	4:15 P.M.	Hyatt - Discovery 45
Ohio Chapter Business Meeting	3:15 P.M.	4:15 P.M.	Hyatt - Discovery 46
Ethics KEG Meeting	3:30 P.M.	4:30 P.M.	OCCC - W205A
Southeast Chapter Business Meeting	3:30 P.M.	4:30 P.M.	Hyatt - Discovery 44
Nursing Section Program Committee Meeting	3:30 P.M.	4:30 P.M.	OCCC - W102
Advanced Practice Providers Resource Committee Meeting	4:00 P.M.	5:00 P.M.	OCCC - W205C
Undergraduate Education Committee Business Meeting	4:00 P.M.	5:00 P.M.	OCCC - W310
Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU Meeting	4:30 P.M.	5:30 P.M.	OCCC - W104
Robing Room	4:45 P.M.	8:00 P.M.	Hyatt - Regency Ballroom R
ACCM Convocation and SCCM Awards Presentation	6:00 P.M.	7:00 P.M.	Hyatt - Regency Ballroom STUV
University of Kentucky Division of Pulmonary Reception	7:00 P.M.	9:00 P.M.	Hyatt - Columbia 37
Emory Critical Care Center Annual Reception	7:00 P.M.	9:30 P.M.	Hyatt - Rainbow Spring
Ohio Chapter Meet-and-Greet	7:30 P.M.	9:30 P.M.	Hyatt - Columbia 36
Emergency Medicine Section Reception	7:30 P.M.	9:30 P.M.	Hyatt - Rock Spring

Meeting Name	Start Time	End Time	Room
Tuesday, February 18, 2020			
Airway and Mechanical Ventilation Task Force Meeting	7:00 A.M.	8:00 A.M.	OCCC-W106
Clinical Pharmacy and Pharmacology Section Communications Committee Meeting	7:00 A.M.	8:00 A.M.	OCCC - W105
ACCM Board of Regents Meeting	7:30 A.M.	10:00 A.M.	OCCC - W206B
Clinical Pharmacy and Pharmacology Section Program Committee Meeting	8:30 A.M.	9:30 A.M.	OCCC - W107
Research Section Business Meeting	8:30 A.M.	9:30 A.M.	Hyatt - Coral Spring
Critical Care Essentials for the Nonintensivist Task Force Meeting	9:00 A.M.	10:00 A.M.	OCCC - W309A
ED-ICU Boarding Task Force Meeting	9:00 A.M.	10:00 A.M.	Hyatt - Peacock Spring
Quality and Safety Committee Meeting	9:00 A.M.	10:30 A.M.	OCCC - W108
Rapid Sequence Intubation Guidelines Meeting	9:00 A.M.	11:00 A.M.	OCCC - W205B
Item Writing Workshop	9:00 A.M.	12:00 P.M.	OCCC - W223
Medical Education Leadership Meeting	10:00 A.M.	11:00 A.M.	OCCC - W309A
ICU Liberation Business Meeting	10:00 A.M.	12:00 P.M.	OCCC - W104
Internal Medicine Section Business Meeting	10:30 A.M.	11:30 A.M.	Hyatt - Coral Spring
Pediatrics Section Advanced Practice Nursing Committee Meeting	10:30 A.M.	11:30 A.M.	OCCC - W205C
Emergency Medicine Section Business Meeting and Luncheon Sponsored by Teleflex	10:30 A.M.	1:30 P.M.	Hyatt - Orlando Ballroom M
Billing and Documentation KEG Meeting	11:00 A.M.	12:00 P.M.	Hyatt - Columbia 37
Uniformed Services Section Business Meeting	11:00 A.M.	12:00 P.M.	OCCC - W205B
Clinical Pharmacy and Pharmacology Section Business Meeting	11:30 A.M.	12:30 P.M.	Hyatt - Barrel Spring
Critical Care Societies Collaborative Meeting	12:00 P.M.	1:30 P.M.	OCCC - Gary Sain Cafe
Clinical Pharmacy and Pharmacology Section Subspecialty/Networking Session	12:30 P.M.	1:00 P.M.	Hyatt - Barrel Spring
Pediatrics Section Business Meeting	12:30 P.M.	1:30 P.M.	Hyatt - Florida Ballroom A
Diversity and Inclusion Committee Meeting	1:30 P.M.	2:30 P.M.	OCCC - W310
SCCM Business Meeting	2:30 P.M.	3:00 P.M.	OCCC - W308
Adult Surviving Sepsis Campaign Meeting	2:30 P.M.	4:30 P.M.	OCCC - W206A
Item Writing Workshop	2:30 P.M.	5:30 P.M.	OCCC - W223
ACCM Business Meeting	3:00 P.M.	3:30 P.M.	OCCC - W308
Donor Advisory Task Force Meeting	3:00 P.M.	4:30 P.M.	OCCC - Gary Sain Cafe
PODIUM Meeting	4:00 P.M.	6:00 P.M.	Hyatt - Challenger 38-39
Knowledge and Skills Business Line Strategy Meeting	4:00 P.M.	6:00 P.M.	OCCC - W205C
Medical Musicians Meeting	5:00 P.M.	7:30 P.M.	Hyatt - Rock Spring
Wednesday, February 19, 2020			
Council Meeting	7:30 A.M.	10:30 A.M.	Hyatt - Plaza International Ballroom D

Stay Ahead of Critical Moments



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Sunday, February 16 • 9:45AM – 10:15AM Sunday, February 16 • 3:00PM – 3:30PM Monday, February 17 • 9:00AM – 9:30AM

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EXHIBITOR-SPONSORED INDUSTRY EDUCATION WORKSHOPS Presentations will be held in Industry Education Theaters 1 and 2 in Exhibit Hall C

SUNDAY, FEBRUARY 16, 2020

9:40 A.M. - 10:40 A.M. THEATER 2

Targeting Interferon Gamma In Primary Hemophagocytic Lymphohistiocytosis

Sponsored by Sobi, Inc.

Presenter: TBD

Primary hemophagocytic lymphohistiocytosis (HLH) is a frequently misdiagnosed rare genetic disorder that requires immediate therapy to control hyperinflammation. This rapidly progressive disease can be fatal if left untreated. Without timely diagnosis and effective treatment, the median survival for patients with primary HLH is under 2 months. There has been a clear need for a more targeted option with an established safety profile to treat patients with primary HLH. This session will focus on two areas: 1) signs and symptoms of primary HLH to help accelerate diagnosis and 2) subduing the cytokine storm in primary HLH by targeting interferon gamma (IFNγ) to restrain hyperinflammation.

12:55 P.M. - 1:55 P.M. THEATER 1

Reversal of Specific Direct Oral Anticoagulants in Patients Experiencing Life-Threatening Bleeds

Sponsored by Portola Pharmaceuticals, Inc.

Presenter: James Williams

Reversal of specific direct oral anticoagulants in patients experiencing life-threatening bleeds: review of clinical evidence and practical recommendations for patient management.

12:55 P.M.-1:55 P.M. THEATER 2

Cardiogenic Shock: Identify, Initiate, Evaluate, Escalate

Sponsored by Getinge

Presenters: David Baran, Erik Osborn

Patients with cardiogenic shock represent a wide spectrum of disease that requires tailored therapy to improve hemodynamic derangements. Any attempt to improve outcomes in cardiogenic shock should begin with its early identification. The panel will discuss the new Society for Cardiovascular Angiography and Interventions classification, initiation of treatment, evaluation, and adjustment in treatment plan.

2:45 P.M. - 3:45 P.M. • THEATER 1

Use of Biomarkers to Manage ICU Patients With Respiratory Infections and Sepsis

Sponsored by Thermo Fisher Scientific

Presenter: Michael S. Niederman

Michael S. Niederman, MD, will discuss the role of biomarkers in managing and improving disposition of ICU patients with respiratory infections and sepsis.

Objectives:

- Describe the role of biomarkers in the diagnosis of sepsis and respiratory infections and their ability to predict clinical outcome
- Define the biology and kinetics of procalcitonin and other biomarkers used in the management of sepsis
 and respiratory infections
- Discuss the rationale and evidence for procalcitonin use in antibiotic stewardship in the ICU



EXHIBITOR-SPONSORED INDUSTRY EDUCATION $WORKSHOPS \ \ Presentations \ will \ be \ held \ in \ Industry \ Education \ Theaters \ 1 \ and \ 2 \ in \ Exhibit \ Hall \ C$

MONDAY, FEBRUARY 17, 2020

8:55 A.M. - 9:55 A.M. • THEATER 1

Urgent Warfarin Reversal: A Case-Based Presentation

Sponsored by CSL Behring Presenter: Aryeh Shander

This presentation will explore case scenarios in which reversal of warfarin is required in patients experiencing acute major bleeding, as well as in those in need of urgent surgery/invasive procedures.

12:25 P.M. - 1:25 P.M. ■ THEATER 1

Under-Recognized Prevalence of Nonconvulsive Status Epilepticus and a Novel Rapid Response EEG

Sponsored by Ceribell

Presenters: Jake Adams, Paul M. Vespa

- Discuss the prevalence of nonconvulsive status epilepticus and current diagnostic challenges
- · Explore how critically ill patients can benefit from rapid EEG with automatic bedside monitoring and alerts
- Learn about the latest clinical data and real-world experiences using the Ceribell Rapid Response EEG with Clarity

Complimentary lunch will be provided.

12:25 P.M. - 1:25 P.M. THEATER 2

No Mask. No Problem®. Mask-Free NIV™ for Spontaneously Breathing Patients

Sponsored by Vapotherm, Inc.

Presenter: Jaime Betancourt

Attendees will learn about the physiologic basis of high-velocity nasal insufflation (HVNI) as a form of noninvasive ventilation (NIV), learn the mechanisms of action for how HVNI impacts physiology, and hear clinical data supporting HVNI as noninferior to bilevel positive airway pressure in the management of undifferentiated respiratory distress. Jaime Betancourt, MD, has over 18 years' experience as a physician, including more than three years' experience practicing in an emergency medicine setting, two-and-a-half years as a hospitalist, and eight years' experience as a pulmonary intensivist in the greater Los Angeles area. Dr. Betancourt is board-certified in internal medicine, pulmonary diseases, and critical care medicine. He performs extensive clinical teaching activities with medical students, internal medicine residents, and pulmonary and critical care fellows.

TUESDAY, FEBRUARY 18, 2020

12:25 P.M. - 1:25 P.M. THEATER 1

Molecular Diagnostics for Pneumonia: A Clinical Evaluation of the BioFire® FilmArray® Pneumonia Panel

Sponsored by BioFire Diagnostics, LLC

Presenter: Richard G. Wunderink

Molecular diagnostics for lower respiratory tract infections offer increased sensitivity and reduced turnaround time compared to bacterial culture. In this workshop, Richard G. Wunderink, MD, will discuss molecular diagnostics for pneumonia and present results and a patient case from an initial clinical evaluation of the BioFire Pneumonia Panel.

INDUSTRY INSIGHT SESSIONS

Industry partners invest significant resources in research and development and stand at the cutting edge of clinical practice. These programs, developed and sponsored by industry partners, will provide insight into the latest controversial developments affecting intensive care units.

Industry Insights take place in a relaxed setting at the Hyatt Regency Orlando. Attendance is free.

SATURDAY, FEBRUARY 15, 2020

5.30 P.M. - 7.30 P.M. • FLORIDA BALLROOM A

Tapas and Technology With a Live Demo of SeptiCyte™ RAPID Test

Organized by: Immunexpress

Presenters: Steven P. LaRosa, Russell R Miller III

A cocktail reception showcasing the new SeptiCyte™ RAPID test running on the Idylla™ platform. Guests will have an opportunity to network with their peers and learn about SeptiCyte™ RAPID, a host response test, with actionable results in approximately one hour, differentiating sepsis from systemic inflammatory response syndrome (SIRS) with high negative predictive value (NPV), thus expediting and improving patient management for critically ill patients being admitted to ICU. Steven P. LaRosa, MD, will address the challenges of current sepsis diagnosis and a new alternative approach leveraging the host immune response while Russell Miller, MD will present highlights from the VENUS study, a clinical validation of SeptiCyte™ LAB.

SUNDAY, FEBRUARY 16, 2020

6:00 P.M. - 7:30 P.M. PLAZA BALLROOM SALON I

Vascular Access in the Era of Central Line Avoidance

Organized by: BD Medical

Presenters: Gregory J. Schears, Judith Jacobi, Cheryl Gordon, Mark Stranz, Mark Rupp

How do you manage your critical patient without a central line? The era of central line avoidance creates challenges for clinicians when balancing risks and improving patient outcomes. A multidisciplinary panel will tackle topics of device insertion, medication infusion, and infection reporting.



INDUSTRY INSIGHT SESSIONS

SUNDAY, FEBRUARY 16, 2020

6:00 P.M. - 7:30 P.M. PLAZA BALLROOM SALON F

A Breakthrough in aTTP Treatment

Organized by: Sanofi Genzyme Presenter: Muhammad Raza

The program will demonstrate the importance of swift diagnosis and treatment of aTTP, particularly in the critical care setting, with a focus on the first FDA-approved therapy used in combination with plasma exchange and immunosuppressive therapy for adult patients with aTTP.

MONDAY, FEBRUARY 17, 2020

6:00 P.M. - 7:30 P.M. - PLAZA BALLROOM SALON I

Evidence-Based Approach to Anticoagulation Therapy for DVT/PE

Organized by: Janssen Pharmaceuticals, Inc.

Presenter: Victor F. Tapson

Registration: Attendees are able to come on a first come first serve basis.

This lecture will discuss treatment options for patients with deep vein thrombosis (DVT) and/or pulmonary embolism (PE), and how they may reduce the risk of recurrent thrombotic events.

EXHIBITOR LISTING

Company	Booth #
3D Systems Simbionix	811
Adfinitas Health	733
Advanced ICU Care	1132
AlertWatch	1020
Ambu, Inc	
American Association o	
Critical-Care Nurses	
(AACN)	
American Board of Inter	
American College of Ch	
Physicians	734
American Society of	
Echocardiography	
American Thoracic Soc	iety 730
Applied Medical Techno	ology,
Inc. AMT	
Arcos	
Associates of Cape Co	
Auburn University Physi Executive MBA Progr	cians
Avanos	1310
Baxter Healthcare Corporation	1100
BD, formerly Bard Medi	
BioFire Diagnostics, LLC	
BioPorto Diagnostics In	
Board of Pharmacy Spe	
(BPS)	eciaities 313
BTG	
Calmoseptine, Inc	
Critical Care IQ	
Ceribell, Inc.	
Clew Medical	
CoapTech	
Cook Medical	
CortiCare/Nihon Kohde	1023
CSL Behring	
CytoSorbents Corporat	
Dale Medical Products	
Daxor Corporation	
DMMED Group	
ECMO Advantage	
Edwards Lifesciences	
EHRC Technologies	
Elsevier	
Envision Physician Serv	ices 729

Company	Booth #
Etiometry, Inc	
European Society of Int Care Medicine	ensive 1029
Exergen Corporation	1124
Extracorporeal Life Sup	port
Organization (ELSO)	
Federacion Panamerica	
Fisher & Paykel Healtho	
Fresenius Kabi	
Fujifilm SonoSite	
Futures Booth	
GE Healthcare	
Getinge	
Haemonetics Corporati	
Hamilton Medical	
HCA Healthcare	
Healthy Design	
Hillrom	
Huntsville Hospital Hea System	lth 731
IDMED	1323
Indiana University Kelley School of Business, Physician MBA	
Inova Health System	
Instrumentation Industri	
Inc	
Intercept TeleMed	1211
ISICEM (40th Internation Symposium on Intensional Care and Emergency Medicine)	sive
JAMA Network	
KARL STORZ Endosco	
America, Inc	719
Kaweah Delta Medical Center	830
Kreg Therapeutics	921
La Jolla Pharmaceutical Company	529
Lantheus Medical Imaging, Inc	
LiDCO Hemodynamic Monitoring	1227
Massachusetts General	
Hospital, Center for	
TeleHealth	
McGuff Pharmaceutical Inc	s, 1207

Company	БООШ	#
McMahon Publishing G	roup 5	32
Medline Industries	3	07
Mindray	8	17
Moberg ICU Solutions	11	38
MPLT Healthcare	13	06
National Board of Echocardiography	8	34
Neurocritical Care Soci	ety 7	35
NeurOptics	12	04
Northwest Seminars	7	22
Nova Biomedical	9	19
On Call Medical Coats	5	28
OSF HealthCare	5	20
PALL MEDICAL	12	23
Philips Healthcare	11	33
Portola Pharmaceuticals	s8	39
PR Med Net	4	12
Pronia Medical Systems	s, LLC 8	09
Respiratory Motion, Inc.	10	16
Restorative Therapies	9	04
Retia Medical	10	33
SCP Health	5	30
Sepsis Alliance	6	31
Sobi, Inc	5	23
SonoSim, Inc	7	17
Sound Critical Care	9	08
Springer Nature	6	04
T2 Biosystems	11	23
Teleflex	3	01
Tetraphase Pharmaceut	icals8	18
The Intensivist Compan	y 6	12
Thermo Fisher Scientific	4	16
Transonic Systems, Inc.	11	01
University of Tennessee Physician Executive M Program	ИΒА	16
Vapotherm, Inc		
VPS, LLC		
Vituity		
Wolters Kluwer		
Xellia Pharmaceuticals		
Xoran Technologies Inc.		
ZOLL Medical Corpora		
ZOLL MICUICAI OUIPUIA	0	J



Anticoagulation Reversal for Life-Threatening Bleeding

A CASE-BASED PRESENTATION FOR THE CRITICAL CARE TEAM

Gregory Piazza, MD

Activity Chair
Assistant Professor of Medicine
Harvard Medical School
Associate Physician
Brigham and Women's Hospital
Cardiovascular Medicine
Boston, Massachusetts

Please join our Chair and other expert faculty!

February 18, 2020

5:45 AM-**6:15** AM Continental Breakfast Buffet

6:15 AM-7:45 AM

Presentation

Orange County Convention Center Room W414 Orlando, Florida

target audience

Physicians, physician assistants, nurses, pharmacists, and other healthcare professionals attending SCCM's Critical Care Congress.

agenda

6:15 AM**–6:20** AM Welcome & Introductions/Pre-test

6:20 AM—6:35 AM Exploring the Clinical

Implications of Bleeding: Appreciating the Burden and Risk Associated With Life-Threatening or Uncontrolled

Bleeding

6:35 AM-7:00 AM The Emergence of Novel

Anticoagulation Reversal Agents: An In-Depth Analysis for the Critical Care Team

7:00 AM-7:35 AM Ensuring Appropriate Use

of Anticoagulation Reversal Agents: The Experts Weigh In

7:35 AM-**7:45** AM Q&A/Post-test

1.5 CME/CE credits available for physicians, nurses and phamacists.

There is no fee to attend this activity.

Register at www.sccm.org or call (847) 827-6888.





Organice actividades de capacitación en su institución

Mediante un aprendizaje basado en la evidencia y un entrenamiento realista, los cursos de la Society of Critical Care Medicine (SCCM) están diseñados para satisfacer las múltiples necesidades que afrontan los profesionales clínicos durante la atención de pacientes gravemente enfermos y lesionados.

Cursos:

- Ultrasonido en cuidados críticos avanzados del adulto
- Ultrasonido en cuidados críticos del adulto
- Ultrasonido en cuidados críticos pediátricos y neonatales
- Fundamentos de cuidados críticos en soporte
- Fundamentos de cuidados críticos en soporte inicial obstétrico
- Fundamentos de cuidados críticos en soporte inicial: enfermedades tropicales
- Fundamentos de atención en desastres
- Curso de revisión multiprofesional en cuidados críticos: adulto
- Fundamentos de cuidados críticos en soporte inicial pediátrico

Beneficios del programa:



🕅 👬 Capacitación sólida y homogénea de los profesionales sanitarios



Presentaciones dinámicas v módulos de práctica para una experiencia de aprendizaje completa



Entrenamiento especializado para mejorar el desenlace de los pacientes y reducir los costos de atención en salud



Se pueden ofrecer créditos de formación médica continua (FMC) como valor adicional

Comience la planeación de su curso hoy.

Contacto: Rossy M. Hernandez Directora de Relaciones Interinstitucionales +1 847 493-6401

> RHernandez@sccm.org ¡Conectémonos! Programe su tiempo para chatear: https://calendly.com/rhernandez-8

"Este ha sido el mejor y más completo curso de cuidados críticos que he tomado en mi vida. Los instructores eran expertos y conocían muy bien los temas. Gracias a este curso, ahora tengo más confianza para atender a pacientes en estado crítico".

-Kathleen Jenkins, enfermera

Visite el sitio web autorizado del curso ingresando a sccm.org/licensing

2020 Society of Critical Care Medicine. Society of Critical Care Medicine y SCCM son marcas registradas de la Society of Critical Care Medicine.



MESAS REDONDAS

Discuta temas de cuidados críticos y póngase en contacto con otros profesionales para discutir aspectos de liderazgo y de su carrera profesional. Estos debates interactivos dirigidos por un moderador les permitirán a los asistentes participar en dos temáticas diferentes en cada mesa, cada uno con una duración de media hora.

Participe en las mesas redondas ubicadas en el vestíbulo del Hall B3.



Consulte la aplicación del congreso para ver la lista completa de los temas de discusión.

Tema de la mesa redonda	Moderador
Domingo, febrero 16 de 2020 • 9:30 A.M 10:30 A.M.	
Presión intracraneal. ¿Medir a no medir? Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Ignacio J. Previgliano
Domingo, febrero 16 de 2020 • 12.45 P.M 1.45 P.M.	
¿Qué es la driving pressure? ¿Es realmente útil? Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Víctor M. Sánchez Nava
Domingo, febrero 16 de 2020 • 2.45 P.M 3.45 P.M.	
Sedación: ¿dormimos y relajamos al paciente? Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Nestor Raimondi
Lunes, febrero 17 de 2020 • 8.45 A.M 9.45 A.M. (Este bloque es para los estudiantes, residentes y fellows)	
Shock refractario. Lo viejo, lo nuevo y el futuro Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Jorge E. Sinclair Ávila
Lunes, febrero 17 de 2020 • 12.15 P.M 1.15 P.M.	
Millennials: si les interesa esta mesa es porque no los entienden Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Javier Pérez-Fernández
Lunes, febrero 17 de 2020 • 2.15 P.M 3.15 P.M.	
Cómo optimizar la donación de órganos en muerte encefálica Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Susana Pérez
Martes, febrero 18 de 2020 • 8.45 A.M 9.45 A.M.	
Sociedades multidisciplinarias: ventajas, desventajas Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Alfredo A. Matos A.
Martes, febrero 18 de 2020 • 12.15 P.M 1.15 P.M.	
Esteroides y sepsis: la historia sin fin Federación Panamericana e Ibérica de Medicina Crítica y Terapia Intensiva	Flávia R. Machado



RESEARCH SNAPSHOT THEATERS

Las presentaciones se llevarán a cabo en las secciones designadas de la Sala de Exposiciones. Los títulos y autores de los resúmenes están disponibles en la aplicación SCCM Events.

N° Abstract	Hora	Presentación	Localización
Domingo, 16	de febrero, 2020		
39-43	10:00 A.M 11:00 A.M.	Neurocríticos	RST-Español
44, 46	11:15 A.M 12:15 P.M.	Administración	RST-Español
Lunes, 17 de	febrero, 2020		
13-19	8:45 A.M 9:45 A.M.	Obstetricia	RST-Español
20-22	10:00 A.M 11:00 A.M.	Cardiología	RST-Español
23-25	11:15 A.M 12:15 P.M.	Humanización	RST-Español
26-30	12:30 P.M 1:30 P.M.	Sepsis	RST-Español
Martes, 18 d	e febrero, 2020		
31-34	10:00 A.M 11:00 A.M.	Infecciones	RST-Español
35-38, 45	11:15 A.M 12:15 P.M.	Miscelánea	RST-Español
Miércoles 19	de febrero, 2020		
1 - 6	9:30 A.M 10:30 A.M.	Presentaciones orales	304A
7-12	10:45 A.M 11:45 A.M.	Presentaciones orales	304A

COMUNICACIONES

Hora	Título	Presentador
Domingo, 16 de febre	ero, 2020	
10:00 A.M. – 11:00 A.M.	Neurocríticos	Sabrina Da Re
11:15 A.M. – 12:15 P.M.	Gestión y calidad	Rolando Gimbernat
12:30 P.M 13:30 P.M.	Enfermería	Verónica Rojas
Lunes, 17 de febrero,	2020	
8:45 A.M. – 9:45 A.M.	Obstetricia	Fernando Gutiérrez
10:00 A.M. – 11:00 A.M.	Cardiología /hemodinámica	Ulises Cerón
11:15 A.M. – 12:15 P.M.	Humanización	Gabriel Heras
12:30 P.M. – 1:30 P.M.	Sepsis	Miguelina Pichardo
2:30 P.M3:30 P.M.	Involúcrate en la FEPIMCTI	Néstor Raimondi
Martes, 18 de febrero	, 2020	
11:15 A.M. – 12:15 P.M.	¿Cómo escribir un abstract /artículo?	Ignacio Martín Loeches
8:45 A.M. – 9:45 A.M.	Infecciones	Jorge Hidalgo
10:00 A.M. – 11:00 A.M.	Miscelánea	Antonio Gandra
12:30 P.M 1:30 P.M.	Movilización temprana	Carolina Rivera



Servicios de traducción simultánea

La sesión inaugural tendrá traducción simultánea. Los dispositivos de escucha estarán disponibles fuera del pabellón B4 una hora antes de la sesión de apertura.

Participe en la conversación sobre las actividades en español en Twitter siguiendo el **#CCC49espanol** hashtag durante el Congreso. iNo olvides usar también el hashtag del Congreso **#CCC49** para todos tus tweets!



VIERNES, FEBRERO 14 DE 2020

8.30 A.M. - 7.00 P.M. • Hyatt - Salón J Plaza International

SESIÓN EDUCATIVA PRE-CONGRESO - SE REQUIERE REGISTRO ADICIONAL

Ultrasonido de cuidados críticos en el adulto - Día 1

Moderadores: José L. Díaz-Gómez y Antonio Hernández

- · Bienvenida y presentación
- · Revisión del examen inicial
- Física básica y knobología
- Vistas ecocardiográficas básicas
- Almuerzo y casos clínicos
- Módulos de práctica: vistas apicales, paraesternales y subcostales
- Evaluación inicial de la función ventricular izquierda y gasto cardíaco
- Evaluación inicial de la función ventricular derecha
- Evaluación del volumen intravascular
- · Casos clínicos y preguntas interactivas
- Módulos de práctica: Gasto cardíaco / Evaluación del volumen / Función ventricular izquierda y derecha

SÁBADO, FEBRERO 15 DE 2020

7.00 A.M. – 5.00 P.M. • Hyatt - Salón J Plaza International

SESIÓN EDUCATIVA PRE-CONGRESO - SE REQUIERE REGISTRO ADICIONAL

Ultrasonido de cuidados críticos en el adulto - Día 2

Moderadores: José L. Díaz-Gómez y Antonio Hernández

- Preguntas y presentación
- Módulos de práctica: Pulmón: derrames pleurales; toracocentesis / Evaluación del taponamiento / Evaluación ecocardiográfica transtorácica focalizada (FATE)
- Embolia pulmonar: diagnóstico y fisiología
- Taponamiento: diagnóstico y fisiología
- Evaluación del neumotórax, los derrames pleurales y toracocentesis
- Almuerzo y casos clínicos
- Módulos de práctica: Ultrasonido abdominal (FAST) / Ultrasonido vascular / Pregúntele al experto
- Ultrasonido vascular
- Ultrasonido abdominal (FAST)
- Casos clínicos y preguntas interactivas
- Preguntas, respuestas y futuro

DOMINGO, FEBRERO 16 DE 2020



10.30 A.M. - 11.30 A.M. - Salón - OCCC - W304A

Update en el paciente neurocrítico

Moderadores: Susana Pérez y Jesús F. Valverde

- Monitorización en la hemorragia subaracnoidea
- Trombectomía mecánica: ¿cuándo, cómo y con qué?
- Ictus hemorrágico: STICH, ATACH ¿qué más?

10.30 A.M. - 11.30 A.M. - Salón - OCCC - W304E

¿Calidad de vida o cantidad de vida?

Moderadores: Jose Vergara Centeno y Jorge L. Ranero

- Nuevas Guías en sedación, analgesia y delirium
- Deterioro cognitivo post-UCI. Fisiopatología y diagnóstico
- Seguimiento del paciente al alta. ¿Debe existir un consultorio post-UCI?

11.45 A.M. - 12.45 P.M. - Salón - OCCC - W304E

Cuidados al final de la vida. Porque el final importa

Moderadores: Alfredo F. Sierra y Juan I. Silesky Jiménez

- · Medicina paliativa en medicina intensiva: una buena alianza
- Adecuación del esfuerzo terapéutico
- Desgaste profesional, distrés moral y fatiga por compasión. Tres caballos de batalla

11.45 A.M. - 12.45 P.M. • Salón - OCCC - W304A

Manejo de la ventilación mecánica en situaciones especiales. No hay café para todos

Moderadores: Oscar Díaz Pineda y Miguelina Pichardo Vinas

- ¿Cómo ventilar a un paciente con síndrome compartimental abdominal?
- Resultados de la ECMO en la insuficiencia respiratoria aguda hipoxémica. ¿A quién y cuándo?
- Cómo ventilar a un paciente con obesidad mórbida: ¿el tamaño importa?

3.45 P.M. - 4.45 P.M. • Salón - OCCC - W304A

Perlas para el intensivista

Moderadores: Sabrina Da Re Gutiérrez y Susana Pérez

- Infecciosas
- Perioperatorio
- Endocrinología

3.45 P.M. - 5.45 P.M. • Salón - OCCC - W304E

De la teoría a la práctica. Aspectos relevantes en el manejo cardiovascular del enfermo crítico

Moderadores: Ulises W. Cerón y Rosa L. López

- 4.ª definición universal de infarto de miocardio
- Algoritmos de diagnóstico en el tromboembolismo de pulmón
- Monitorización hemodinámica invasiva y no invasiva: ¿existe un lugar para el catéter de Swan-Ganz?
- Microcirculación en el shock: ¿tiene una aplicación clínica real?
- Aspectos prácticos en la selección del fluido

4.45 P.M. - 5.45 P.M. • Salón - OCCC - W304A

Formando a los futuros intensivistas

Moderadores: Ricardo García-De Jesús y Vanesa Y. Mercado

- Resultado de la encuesta CoBaTrICE
- · Certificación de competencias en medicina intensiva
- Innovación docente

LUNES, FEBRERO 17 DE 2020



9.45 A.M. - 10.45 A.M. - Salón - OCCC - W304E

Monitorización en neurointensivismo

Moderadores: Guadalupe A. Castillo Abrego y Gloria M. Rodríguez-Vega

- · Neurosonografía: un enfoque POCUS del cerebro
- Perlas de monitorización en neurointensivismo
- ¿Es posible la monitorización neurológica integral en centros de bajos recursos?

9.45 A.M. - 10.45 A.M. - Salón - OCCC - W304A

Sepsis: presente y futuro. ¿Hacia dónde vamos?

Moderador: Jorge Luis Hidalgo y José Ortellado

- Uso de Big Data y Machine Learning en el diagnóstico de la sepsis
- Tratamiento personalizado de la sepsis
- La perspectiva de Latinoamérica en la "Surviving Sepsis Campaign"

11.00 A.M. - 12.00 P.M. - Salón - OCCC - W304E

Donación de órganos y tejidos. ¿Podemos hacerlo mejor?

Moderadores: Marilia I. Díaz Correa y Roberto Villa

- Construyamos un país de donantes. Píntate de verde
- Los factores de éxito de un programa de donación
- · Otras formas de donación más allá de la muerte encefálica

11.00 A.M. - 12.00 P.M. • Salón - OCCC - W304A

¿Qué comen nuestros pacientes?

Moderadores: Rolando A. Gimbernat y Agamenón Quintero Villarreal

- ¿Cómo cumplir metas nutricionales en UCI?
- · Terapia nutricional en pancreatitis severa
- Síndrome PICCS: ¿Podemos prevenirlo?

3.15 P.M. - 4.15 P.M. • Salón - OCCC - W304E

Disminuyendo la mortalidad maternofetal

Moderadores: José Garnacho-Montero y Fernando R. Gutiérrez

- "Crisis Resource Management" en hemorragia obstétrica
- Mortalidad por sepsis obstétrica
- La paciente obstétrica complicada

3.15 P.M. - 4.15 P.M. • Salón - OCCC - W304A

Errar es humano, aprender es divino

Moderadores: Rolando A. Gimbernat y María C. Martín Delgado

- · Cultura de seguridad. Creencias y actitudes de los profesionales en Latinoamérica
- · ¿Y después de un evento adverso? Información honesta y soporte al profesional
- 10 intervenciones para mejorar la seguridad en la UCI

4.30 P.M. - 5.30 P.M. • Salón - OCCC - W304E

Adecuando objetivos terapéuticos en pediatría: de los más tecnológico a lo más humano

Moderadores: Ana Lía Graciano y Renán A. Orellana

- Manejo de la broncoscopía en el paciente pediátrico crítico
- Delirium: estrategias de prevención
- · Cuidados al final de la vida

4.30 P.M. - 5.30 P.M. - Salón - OCCC - W304A

Paridad de género en medicina intensiva. ¿Un mito o una realidad?

Moderadores: Néstor O. Raimondi y Rosa Reina

- Fotografía internacional de la mujer en la medicina intensiva
- Estrategias para reducir la brecha de género en medicina intensiva. Cambiando el rumbo
- ¿Qué pueden aportar las sociedades científicas?



MARTES, FEBRERO 18 DE 2020

9.45 A.M. - 10.45 A.M. - Salón - OCCC - W304A

Humanizando los cuidados intensivos. Cuidados Intensivos centrados en la persona

Moderador: Marcelo Morales y Alvaro Ardilla

- El proyecto HU-Cl. Cambiando el paradigma de la medicina intensiva
- El coste de sobrevivir a la UCI. Proyecto THRIVE
- ¿Qué aporta la rehabilitación al proceso del paciente crítico? Trabajo en equipo

9.45 A.M. - 10.45 A.M. • Salón - OCCC - W304E

Pro Con: ¿Cuál es la mejor estrategia de reemplazo renal en la UTI?

Moderadores: Joaris Ortiz Morales y Nicolás Nin

- Diálisis continua
- Diálisis intermitente

11.00 A.M. - 12.00 P.M. • Salón - OCCC - W304A

El futuro de la FEPIMCTI, se hace camino al andar

Moderadores: Rolando A. Gimbernat y Alfredo A. Matos

- La FEPIMCTI: los retos del futuro de una federación de sociedades
- · Forjando los cimientos
- · Porque juntos sumamos más. Comités de expertos

11.00 A.M. - 12.00 P.M. • Salón - OCCC - W304E

Sesión de debate: ¿Debe existir una unidad de oncología crítica?

Moderadores: Jorge L. Ranero y Miguelina Pichardo

2.45 P.M. - 4.45 P.M. • Salón - OCCC - W304A ASAMBLEA FEPIMCTI

2.45 P.M. - 4.45 P.M. - Salón - OCCC - W304E

Controversias en cuidados críticos

Moderadores: Carlos E. Orellana Jimenez, Juan Carlos Rivas Kiese, Jose L. Pascual

- Inhibidores de la bomba de protones como profilaxis en el paciente crítico: Pro
- Inhibidores de la bomba de protones como profilaxis en el paciente crítico: Con
- Tratamiento HAT en la sepsis: vitamina C, hidrocortisona y tiamina: Pro
- Tratamiento HAT en la sepsis: vitamina C, hidrocortisona y tiamina: Con
- ¿Resuscitación por control del daño o como siempre?: Pro
- ¿Resuscitación por control del daño o como siempre?: Con

MIÉRCOLES, FEBRERO 19 DE 2020



9.30 A.M. - 10.30 A.M. - Salón - OCCC - W304E

Competencias en medicina intensiva. ¿Cómo adquirirlas sin morir en el intento?

Moderadores: José Vergara, Artur Gómez

- Un programa homogéneo de formación en medicina intensiva. Un reto y una necesidad
- Enfermería intensiva. Competencias específicas
- · Programas de entrenamiento en ecografía para intensivistas

9.30 A.M. - 10.30 A.M. - Salón - OCCC - W304A

Presentaciones orales

Moderadores: María del Rosario Muñoz Ramírez, Juan I. Silesky Jiménez

10.45 A.M. - 11.45 A.M. - Salón - OCCC - W304E

Controversias en ventilación mecánica: Driving Pressure

Moderadores: Becket Martin Arguello López, Ignacio Martin-Loeches

- Pro
- Con

10.45 A.M. - 11.45 A.M. - Salón - OCCC - W304A

Presentaciones orales

Moderadores: María del Rosario Muñoz Ramírez, Juan I. Silesky Jiménez

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