Noninvasive and continuous total hemoglobin monitoring with SpHb® provides additional insight between routine invasive blood samples, which may alert clinicians to a dropping hemoglobin trend sooner.¹²
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

Visit sccm.org/Congress2021 to receive an email notice when registration opens.
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Share your Congress experience on social media! Use #CCC49 and mention us on:  

@SCCM1  @SCCM  @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!

Sponsored by: ULTRASOUND GASTROSTOMY
DOWNLOAD THE SCCM EVENTS APP!

Sponsored by:

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.

Society of Critical Care Medicine
The Intensive Care Professionals
Free WiFi at the Society of Critical Care Medicine's 49th Critical Care Congress!

Complimentary internet access is available throughout the convention center.

Connect using SSID: CCC49
Become a Society of Critical Care Medicine (SCCM) Professional Member today and save!

SCCM Membership offers the following benefits.

- **Select Members**
  - Discounts on SCCM resources
  - Subscription to *Critical Connections*
  - Access to online collaboration with members
  - Membership in specialty sections
  - Free abstract submissions for Critical Care Congress®
  - Access to more than 1,000 online education materials
  - Subscription to *Critical Care Medicine*, the #1 critical care subspecialty journal
  - Opportunities for involvement on committees
  - Eligibility to vote and hold office
  - Eligibility to apply to the ACCM*
  - Free ground shipping on product purchases in the online store
  - Ability to apply for grants and receive preferred awards
  - Free SCCM live webcasts
  - Early registration for SCCM events
  - Private lounge and invite to special events at Critical Care Congress
  - Free ACCM fellowship for FCCMs
  - Free On Demand products and select ePublications
  - Subscription to an exclusive eNewsletter

- **Professional Members**
  - All benefits of Select Members

- **Associate Members**
  - All benefits of Professional Members

*American College of Critical Care Medicine application fee included

**Society of Critical Care Medicine**
The society of Critical Care Medicine, SCCM, and Critical Care Congress are registered trademarks of the Society of Critical Care Medicine.

**$305 for Physicians (regular rate $405)**

**$128 for Healthcare Professionals (regular rate $178)**

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

<table>
<thead>
<tr>
<th>Times</th>
<th>Location</th>
<th>Session Title</th>
<th>Moderator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sunday, February 16, 2020</strong></td>
<td></td>
<td></td>
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<tr>
<td>11:45 A.M. - 12:45 P.M.</td>
<td>OCCC - W307</td>
<td>Federal Government Sepsis Priorities: Working Together to Educate, Innovate, and Optimize Patient Outcomes (NIH, CDC, CMS, and BARDA)</td>
<td>Sarah Dunsmore</td>
</tr>
<tr>
<td><strong>Monday, February 17, 2020</strong></td>
<td></td>
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</tr>
<tr>
<td>11:00 A.M. - 12:00 P.M.</td>
<td>OCCC - W307</td>
<td>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)</td>
<td>J. Christopher Farmer</td>
</tr>
<tr>
<td>3:15 P.M. - 5:15 P.M.</td>
<td>OCCC - W307</td>
<td>ESICM/SCCM Joint Session: Data Science</td>
<td>Heatherlee Bailey, Jozef Kesecioglu</td>
</tr>
<tr>
<td><strong>Tuesday, February 18, 2020</strong></td>
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<tr>
<td>9:45 A.M. - 10:45 A.M.</td>
<td>OCCC - W307</td>
<td>Critical Care Societies Collaborative: Promoting a Healthy ICU Work Culture to Mitigate Burnout (joint session of SCCM, ACCP, AACN, and ATS)</td>
<td>Heatherlee Bailey</td>
</tr>
<tr>
<td>11:00 A.M. - 12:00 P.M.</td>
<td>OCCC - W307</td>
<td>Managing Complex Wounds (joint session of SCCM and the Surgical Infection Society)</td>
<td>Heather L. Evans</td>
</tr>
<tr>
<td>2:45 P.M. - 3:45 P.M.</td>
<td>OCCC - W307</td>
<td>Evidence-Based Reviews and Collaborative Efforts to Address Firearm Injury Prevention (joint session of SCCM and the Eastern Association for the Surgery of Trauma)</td>
<td>A. Britton Christmas</td>
</tr>
<tr>
<td>4:00 P.M. - 5:00 P.M.</td>
<td>OCCC - W307</td>
<td>Pressing Issues Surrounding Global Pediatric Critical Care Medicine Research: Regional Challenges and Opportunities (joint session of SCCM and WFPICCS)</td>
<td>Vinay M. Nadkarni</td>
</tr>
<tr>
<td><strong>Wednesday, February 19, 2020</strong></td>
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</tr>
<tr>
<td>9:30 A.M. - 10:30 A.M.</td>
<td>OCCC - W307</td>
<td>Challenges and Pitfalls in the Management of Traumatic Brain Injuries (joint session of SCCM and the Neurocritical Care Society)</td>
<td>Mary Kay Bader</td>
</tr>
<tr>
<td>10:45 A.M. - 11:45 A.M.</td>
<td>OCCC - W307</td>
<td>Modern Approaches to ECMO in Critical Care (joint session of SCCM and ELSO)</td>
<td>Joseph E. Tonna</td>
</tr>
</tbody>
</table>

Program and faculty are subject to change.
CALL 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.

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.

<table>
<thead>
<tr>
<th>Roundtable Topic</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sunday, February 16, 2020</strong></td>
<td></td>
</tr>
<tr>
<td><strong>9:30 A.M. - 10:30 A.M.</strong></td>
<td></td>
</tr>
<tr>
<td>Advanced Practice Providers Workforce Strategic Planning and Development</td>
<td>Thomas Farley</td>
</tr>
</tbody>
</table>
| 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 Ill 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                               |
| 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.
## ROUNDTABLE DISCUSSIONS

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

**Monday, February 17, 2020**

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

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

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

*Program and faculty are subject to change.*

*Continued on page 10*
## ROUN DTABLE DISCUSSIONS

**Program and faculty are subject to change.**

### 12:15 P.M. - 1:15 P.M.

<table>
<thead>
<tr>
<th>Roundtable Topic</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brain Death in 2020</td>
<td>Nneka O. Sederstrom</td>
</tr>
<tr>
<td>The Value of a Psychologist Working in the ICU</td>
<td>Erin L. Hall</td>
</tr>
<tr>
<td>Key Research Opportunities in Sepsis and Septic Shock</td>
<td>Craig M. Coopersmith</td>
</tr>
<tr>
<td>Institutional Burnout Reduction Initiatives</td>
<td>Carla M. Sevin</td>
</tr>
<tr>
<td>Choosing Wisely and Less Is More: How to Start Stewardship Efforts in Your Hospital</td>
<td>Anita J. Reddy</td>
</tr>
<tr>
<td>Fluids and Vasopressor Research Opportunities in Sepsis and Septic Shock</td>
<td>Ishaq Lat</td>
</tr>
<tr>
<td>Dealing With Difficult Family Members</td>
<td>Christine C. Toevs</td>
</tr>
<tr>
<td>How AI Is Changing Medical Practice</td>
<td>Alan H. Morris</td>
</tr>
<tr>
<td>Reverse Classroom Teaching Strategies</td>
<td>Gregory H. Botz</td>
</tr>
<tr>
<td>Critical Care Week Roundtable: Measuring Quality in Neurocritical Care</td>
<td>Sarah L. Livesay</td>
</tr>
<tr>
<td>Hosted by the Neurocritical Care Society</td>
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</tr>
<tr>
<td>Critical Care Week Roundtable: Identifying Educational and Research Opportunities In and Outside the Pediatric ICU</td>
<td>Ann-Marie Brown</td>
</tr>
<tr>
<td>Hosted by the World Federation of Pediatric Intensive and Critical Care Societies</td>
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</tbody>
</table>

### 2:15 P.M. - 3:15 P.M.

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<thead>
<tr>
<th>Roundtable Topic</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traveling the World to Improve the Care of Others: Medical Missions</td>
<td>Louisdon Pierre</td>
</tr>
<tr>
<td>How to Become a Fellow of the American College of Critical Care Medicine</td>
<td>Mary J. Reed</td>
</tr>
<tr>
<td>Contract Negotiations</td>
<td>Norma M. Smalls-Mantey</td>
</tr>
<tr>
<td>Setting Limits on Terminal Sedation in Adults at the End of Life</td>
<td>Gilles Chemtob</td>
</tr>
<tr>
<td>A Mechanism to Deal With the Impact of Mass Casualty Incidents on Clinicians</td>
<td>Deborah A. Kuhls</td>
</tr>
<tr>
<td>Representation of Women in Critical Care Medicine in Scientific Meetings</td>
<td>Shahla Siddiqui</td>
</tr>
<tr>
<td>Increasing Visibility of the CNS Role</td>
<td>Kathleen M. Vollman</td>
</tr>
<tr>
<td>Mistakes I Have Made in My Job Search</td>
<td>Patrick C. McKillion</td>
</tr>
<tr>
<td>The &quot;Perfect Presentation&quot; / Public Speaking Skills</td>
<td>Ashish K. Khanna</td>
</tr>
<tr>
<td>Billing With Advanced Practice Providers</td>
<td>David L. Carpenter</td>
</tr>
<tr>
<td>Critical Care Week Roundtable: ECMO Research</td>
<td>Nirmal Sharma</td>
</tr>
<tr>
<td>Hosted by the Extracorporeal Life Support Organization</td>
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</table>

Participate in Roundtable Discussions in the Hall B3 Lobby.
### ROUNDTABLE DISCUSSIONS

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

*Program and faculty are subject to change.*
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
- Traumatic Spine Injury

SIGN UP TODAY!
https://enls.neurocriticalcare.org/classroom/classroom-enls-sccm

*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.*
The Extracorporeal Life Support Organization (ELSO), in partnership with the Society of Critical Care Medicine (SCCM), is pleased to announce the Advanced VV-ECMO 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!

More info at elso.org • sccm.org
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.

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

Program and faculty are subject to change.
CARDIAC IMAGES THAT PROVIDE CRITICAL ANSWERS

Learn how Fujifilm SonoSite can help you incorporate simulator based training into your curriculum.

VISIT BOOTH #901 AT SCCM 2020 TO SEE HOW TEE CAN ENHANCE PATIENT CARE.
GENERAL INFORMATION

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:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRIDAY, FEBRUARY 14, 2020</td>
<td>6:30 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>SATURDAY, FEBRUARY 15, 2020</td>
<td>6:45 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>SUNDAY, FEBRUARY 16, 2020</td>
<td>6:45 A.M. - 6:15 P.M.</td>
</tr>
<tr>
<td>MONDAY, FEBRUARY 17, 2020</td>
<td>5:30 A.M. - 6:00 P.M.</td>
</tr>
<tr>
<td>TUESDAY, FEBRUARY 18, 2020</td>
<td>5:30 A.M. - 6:00 P.M.</td>
</tr>
<tr>
<td>WEDNESDAY, FEBRUARY 19, 2020</td>
<td>7:30 A.M. - 12:00 P.M.</td>
</tr>
</tbody>
</table>

Fee: $2.00 per item
GENERAL INFORMATION

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.

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

Continued on page 18
GENERAL INFORMATION

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.
GENERAL INFORMATION

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.
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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.

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

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).
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.

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

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).

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 February 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!

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

Program and faculty are subject to change.
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

Onsite staff training is the perfect way to provide consistent and uniform training to healthcare professionals across an institution or organization.

Contact the Licensing Team or visit the website to learn more and start planning your course today!

Email: licensing@sccm.org  •  Phone: +1 847 827-6888

sccm.org/licensing

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

<table>
<thead>
<tr>
<th>Crosstalk Sessions</th>
<th>Times</th>
<th>Title</th>
<th>Moderator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sunday, February 16, 2020</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medicine Section</td>
<td>10:30 A.M. – 11:30 A.M.</td>
<td>Palliative Care Emergencies: From the ED to the RRT</td>
<td>Javier Lorenzo</td>
</tr>
<tr>
<td>Pediatrics Section</td>
<td>11:45 A.M. – 12:45 P.M.</td>
<td>Admission, Discharge, and Triage Practice Statement and Levels of Care Guidance, a Joint AAP/SCCM Guideline</td>
<td>Saul Flores</td>
</tr>
<tr>
<td>ICU Heroes</td>
<td>12:45 P.M. – 1:45 P.M.</td>
<td>Practice Lessons in Recovery From Critical Illness</td>
<td>Marie T. Pavini</td>
</tr>
<tr>
<td>Nursing Section</td>
<td>2:45 P.M. – 3:45 P.M.</td>
<td>Critical Conversation: Providing Gender- and Orientation-Affirming Patient Care: Critical Care Updates and Ethical Considerations</td>
<td>Siddharth Dugar</td>
</tr>
<tr>
<td><strong>Monday, February 17, 2020</strong></td>
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</tr>
<tr>
<td>Research Section</td>
<td>8:45 A.M. – 9:45 A.M.</td>
<td>Improving Research Through Data Sharing With Clinical Trials</td>
<td>Saraschandra Vallabhajosyula</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section</td>
<td>9:45 A.M. – 10:45 A.M.</td>
<td>Antimicrobial Stewardship Practices in the Intensive Care Unit</td>
<td>Javier Lorenzo</td>
</tr>
<tr>
<td>Respiratory Care Section</td>
<td>11:00 A.M. – 12:00 P.M.</td>
<td>Mechanical Ventilation of the Morbidly Obese Patient</td>
<td>Siddharth Dugar</td>
</tr>
<tr>
<td>Surgery Section</td>
<td>2:15 P.M. – 3:15 P.M.</td>
<td>Failure to Rescue in the ICU: Harnessing Technological Trends to Predict Clinical Deterioration Before It Occurs</td>
<td>Dennis Y. Kim</td>
</tr>
<tr>
<td><strong>Tuesday, February 18, 2020</strong></td>
<td></td>
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</tr>
<tr>
<td>Critical Care Quiz Show</td>
<td>8:45 A.M. – 9:45 A.M.</td>
<td>Critical Care Quiz Show</td>
<td>Ashish K. Khanna, Salman Ahmad</td>
</tr>
<tr>
<td>Anesthesiology Section</td>
<td>9:45 A.M. – 10:45 A.M.</td>
<td>No Two Airways Are the Same</td>
<td>Ashish K. Khanna</td>
</tr>
<tr>
<td>Neuroscience Section</td>
<td>11:00 A.M. – 12:00 P.M.</td>
<td>Critical Care Education: Integrated Programs or Subspeciality Training?</td>
<td>Saraschandra Vallabhajosyula</td>
</tr>
<tr>
<td>Osteopathic Medicine Section</td>
<td>12:15 P.M. – 1:15 P.M.</td>
<td>So You Want to Be an ICU Medical Director? Now What?</td>
<td>Roshni Sreedharan</td>
</tr>
</tbody>
</table>

Program and faculty are subject to change.
Don’t let bad bugs dodge detection.

Find them fast with syndromic infectious disease diagnostics from BioFire.

Visit BioFire booth #907 to learn more.
Please Join Us for an Industry Insight Dinner Presentation

EVIDENCE-BASED APPROACH TO Anticoagulation Therapy for DVT/PE

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

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.

Please note that the company prohibits the offering of gifts, gratuities, or meals to federal government employees/officials. Thank you for your cooperation.

This promotional educational activity is not accredited. The program content is developed by Janssen Pharmaceuticals, Inc. Speakers present on behalf of the company and are required to present information in compliance with FDA requirements for communications about its medicines.

The personal information you provide may be used to contact you about your request to attend the Janssen Pharmaceuticals, Inc., educational program using your preferred method of communication as indicated by you. This information may be shared with Janssen Pharmaceuticals, Inc., its affiliates, and a third party for the sole purpose of completing your registration for this program and as required by law.

Supported by Janssen Pharmaceuticals, Inc.

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March 2019 cp-79588v1
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

**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

**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

**Airway and Mechanical Ventilation Management for the Critically Ill 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 Ill Patients
• Acute Mechanical Circulatory Support
• Conversing With the Experts: Panel Discussion
• Corticosteroid Use in the Critically Ill
• 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 Ill 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 Ill Veterinary Patients (see page 35 for Day 2)
Moderator: Elizabeth Davidow
• Continental Breakfast
• Traditional Acid-Base Disorders
• 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-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 Ill Pregnant Patient
- Transport of the Critically Ill 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
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
  » FocusedAssessed 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

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

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
- Nontraditional Strategies for the Management of Agitation
7:30 A.M. – 5:30 P.M. • Room: OCCC - W315
PRE-Congress Educational Session — Additional Registration Required
NO CE/CME FOR THIS SESSION
Data Science Datathon – Day 2 (see page 28 for Day 1)
Moderator: Leo Anthony G. Cell
- Continental Breakfast
- Recap and Introduction to Judging Criteria
- Teams Work on Research
- Lunch
- 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 Venticuloarterial 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

Sessions held at the Orange County Convention Center (OCCC) West Concourse unless otherwise noted.
Download the Events App at sccm.org/eventapp
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 Ill 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?
• Lunch
• 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-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 Ill
• 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 Ill Pediatric Patient
- Ventilation Waveforms and Synchronization
- Chronically Critically Ill 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
SUNDAY, FEBRUARY 16, 2020

8:00 A.M. – 9:30 A.M. • Room: OCCC - West Hall B4
OPENING SESSION • 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 Crítica 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
Break

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)

All faculty names are listed in the Event App. Program and faculty are subject to change.
10:30 A.M. – 11:30 A.M. • Room: OCCC - Valencia Ballroom D
Atrial Fibrillation in the Critically Ill: 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 Website: 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
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
- Antimicrobial 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
Moderator: Robert D. Stevens, Samantha Gamblez Farr
- The Case for Protocolized Sepsis Management
- Precision Medicine for Sepsis
- Protocolized and Precision Approaches Are Both Needed
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| 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’Keefe  
- 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: Entrance of Exhibit Hall C | Roundtable Discussions | (see pages 8-11 for all Roundtable Discussions) |
| 2:00 P.M. – 2:45 P.M. • Room: OCCC - West Hall B4 | 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 |

Sessions held at the Orange County Convention Center (OCCC) West Concourse unless otherwise noted.

Download the Events App at sccm.org/eventapp
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 Ucer 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 Ill 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 Ill Patients: PHARM-CRIT Study
- Enoxaparin Dose Requirement in Pediatric Patients With Chylothorax After Cardiac Surgery
- Pharmacist Avoidance or Reductions in Medication Costs in Emergently Ill 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 Ill Children?
- Heart Rate Variability Dysfunction Is Associated With Outcomes in Critically Ill 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
- 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

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**Download the Events App at sccm.org/eventapp**

*All faculty names are listed in the Event App. Program and faculty are subject to change.*
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 Ill 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
Break

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: 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)
MONDAY, FEBRUARY 17, 2020

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. AI: 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
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
- Hepato renal 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
Break

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

All faculty names are listed in the Event App.
Program and faculty are subject to change.
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 Ill 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 Perioperative 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: 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
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 Wizarudy or Witchcraft?
Moderator: Nahmah Kim-Campbell
• ECMO Cannulation Strategies: Science or Divination
• Wingardium Leviosa! 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 Ill
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 Ill
- Saddle Up, Cowboy: Exploring Updates in Emergency Medicine

2:45 P.M. – 3:45 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 Ill 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 Ill 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. Penoyer

4:00 P.M. – 5:00 P.M. • Room: OCCC - W311E
Year in Review: Pediatrics
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
Break

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

Sessions held at the Orange County Convention Center (OCCC) West Concourse unless otherwise noted.
Download the Events App at sccm.org/eventapp
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

WEDNESDAY, FEBRUARY 19, 2020
All faculty names are listed in the Event App.
Program and faculty are subject to change.

9:30 A.M. – 11:30 A.M. • Room: OCCC - W315
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 A
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
## RESEARCH SNAPSHOT THEATERS

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

<table>
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<th>TIMES</th>
<th>SESSION TITLE</th>
<th>ABSTRACT #</th>
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<td><strong>Theater 1</strong></td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Administration I</td>
<td>100 - 107</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Administration II</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Administration III</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Cardiovascular/Hematology</td>
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<td>Cardiovascular/Pharmacology I</td>
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<td>Cardiovascular/Pharmacology II</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Cardiovascular/Shock I</td>
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<td>Cardiovascular/Shock II</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Cardiovascular/Resuscitation</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Epidemiology/Quality, Pediatric</td>
<td>339 - 346</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Epidemiology/Outcomes, Pediatric I</td>
<td>347 - 354</td>
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<td>Epidemiology/Outcomes, Pediatric II</td>
<td>355 - 361</td>
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<td>Professional Development/Administration/Education</td>
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<td>Professional Development</td>
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<td>Professional Development, Pediatric</td>
<td>1054 - 1063</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Hematology, Pediatric I</td>
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<td>Hematology, Pediatric II</td>
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<td>Hematology I</td>
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<td>Infection I</td>
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<td>Infection III</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Neurology, Adult and Pediatric</td>
<td>669 - 677</td>
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<td>Neurology, Pediatric I</td>
<td>678 - 685</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Neurology, Pediatric II</td>
<td>686 - 693</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Pharmacology, Pediatric I</td>
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<td>Pharmacology, Pediatric II</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Pharmacology, Adult and Pediatric</td>
<td>857 - 865</td>
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<td>Pharmacology/Trauma/Gastrointestinal/Nutrition</td>
<td>944 - 951</td>
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<td>Pharmacology/Hematology/Endocrine</td>
<td>952 - 958</td>
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<td>Pharmacology I</td>
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<td>1117 - 1125</td>
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<td>Pulmonary III</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Pulmonary IV</td>
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Download the Events App at sccm.org/eventapp
### TIMESTABLE

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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Cardiovascular V</td>
<td>291 - 297</td>
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<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Endocrine I</td>
<td>307 - 315</td>
</tr>
<tr>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Endocrine II</td>
<td>316 - 323</td>
</tr>
<tr>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Endocrine, Adult and Pediatric</td>
<td>324 - 330</td>
</tr>
<tr>
<td><strong>Theater 4</strong></td>
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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Epidemiology/Outcomes IV</td>
<td>395 - 402</td>
</tr>
<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Epidemiology/Outcomes V</td>
<td>403 - 410</td>
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<tr>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Ethics/End of Life I</td>
<td>411 - 420</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Ethics/End of Life II</td>
<td>421 - 430</td>
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<td><strong>Theater 5</strong></td>
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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Gastrointestinal/Nutrition II</td>
<td>475 - 483</td>
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<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Gastrointestinal/Nutrition III</td>
<td>484 - 491</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Gastrointestinal/Nutrition IV</td>
<td>492 - 500</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Epidemiology/Outcomes, Adult and Pediatric</td>
<td>331 - 338</td>
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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Patient and Family I</td>
<td>808 - 815</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Patient and Family, Adult and Pediatric I</td>
<td>816 - 823</td>
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<td>Patient and Family, Adult and Pediatric II</td>
<td>824 - 831</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
<td>Patient and Family, Pediatric</td>
<td>832 - 838</td>
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<td>8:45 A.M. - 9:45 A.M.</td>
<td>Infection/Sepsis</td>
<td>636 - 642</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Infection, Adult and Pediatric</td>
<td>643 - 651</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Infection, Pediatric</td>
<td>652 - 661</td>
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<td>12:30 P.M. - 1:30 P.M.</td>
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<td>8:45 A.M. - 9:45 A.M.</td>
<td>Neurology/Epidemiology</td>
<td>737 - 744</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Neurology I</td>
<td>745 - 753</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Neurology II</td>
<td>754 - 762</td>
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<tr>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Neurology III</td>
<td>763 - 771</td>
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<td><strong>Theater 9</strong></td>
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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Pharmacology/Quality III</td>
<td>910 - 916</td>
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<td>10:00 A.M. - 11:00 A.M.</td>
<td>Pharmacology/Cardiovascular</td>
<td>917 - 925</td>
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<td>11:15 A.M. - 12:15 P.M.</td>
<td>Pharmacology/Cardiovascular/Pulmonary</td>
<td>926 - 934</td>
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<tr>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Pharmacology/Pulmonary/Shock</td>
<td>935 - 943</td>
</tr>
</tbody>
</table>
## Presentations in Designated Sections of Exhibit Hall C

Abstract titles and authors are available in the SCCM Events App.

### Times, Session Titles, and Abstract Numbers

**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 |
BUSINESS AND ANCILLARY MEETINGS

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.

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
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<tbody>
<tr>
<td><strong>Thursday, February 13, 2020</strong></td>
<td></td>
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</tr>
<tr>
<td>Executive Committee Meeting</td>
<td>12:00 P.M.</td>
<td>5:00 P.M.</td>
<td>Hyatt - Rock Spring</td>
</tr>
<tr>
<td><strong>Friday, February 14, 2020</strong></td>
<td></td>
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<tr>
<td>Council Meeting</td>
<td>7:00 A.M.</td>
<td>4:00 P.M.</td>
<td>Hyatt - Plaza International Ballroom D</td>
</tr>
<tr>
<td><strong>Saturday, February 15, 2020</strong></td>
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</tr>
<tr>
<td>ACCM Board of Regents Meeting</td>
<td>7:30 A.M.</td>
<td>4:00 P.M.</td>
<td>Hyatt - Rock Spring</td>
</tr>
<tr>
<td>New Council Member Orientation</td>
<td>1:00 P.M.</td>
<td>2:30 P.M.</td>
<td>OCCC - Gary Sain Cafe</td>
</tr>
<tr>
<td>Guidelines on Glycemic Control for Critically III Children and Adults Meeting</td>
<td>1:00 P.M.</td>
<td>5:00 P.M.</td>
<td>OCCC - W104</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Steering Committee Strategic Planning Meeting</td>
<td>2:00 P.M.</td>
<td>5:00 P.M.</td>
<td>Hyatt - Peacock Spring</td>
</tr>
<tr>
<td>Congress Program Committee Meeting</td>
<td>3:30 P.M.</td>
<td>6:30 P.M.</td>
<td>OCCC - W308</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Pre-Congress Forum</td>
<td>5:00 P.M.</td>
<td>7:00 P.M.</td>
<td>Hyatt - Barrel Spring</td>
</tr>
<tr>
<td>Fundamentals Reception</td>
<td>5:30 P.M.</td>
<td>6:30 P.M.</td>
<td>Hyatt - Regency Ballroom O</td>
</tr>
<tr>
<td>Respiratory Care Section Reception</td>
<td>6:00 P.M.</td>
<td>7:30 P.M.</td>
<td>Hyatt - Blue Spring I</td>
</tr>
<tr>
<td><strong>Sunday, February 16, 2020</strong></td>
<td></td>
<td></td>
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<tr>
<td>ACCM Fellowship Services Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC - W206A</td>
</tr>
<tr>
<td>Critical Care Ultrasound: Pediatric and Neonatal Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC - W206B</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Advancement Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC - W105</td>
</tr>
<tr>
<td>Nursing Section Steering Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC - W206C</td>
</tr>
<tr>
<td>Surgery Section Strategic Planning Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC - W206C</td>
</tr>
<tr>
<td>Discovery Oversight Committee Meeting</td>
<td>9:30 A.M.</td>
<td>10:30 A.M.</td>
<td>OCCC - W104</td>
</tr>
<tr>
<td>Anesthesiology Section Communications Committee Meeting</td>
<td>9:30 A.M.</td>
<td>10:30 A.M.</td>
<td>OCCC - W102</td>
</tr>
<tr>
<td>Internal Medicine Section Steering Committee Meeting</td>
<td>9:30 A.M.</td>
<td>10:30 A.M.</td>
<td>Hyatt - Manatee Spring II</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Recruitment Exchange Committee Meeting</td>
<td>9:30 A.M.</td>
<td>11:30 A.M.</td>
<td>Hyatt - Orlando Ballroom M</td>
</tr>
<tr>
<td>Critical Care Ultrasound: Adult Committee Meeting</td>
<td>9:45 A.M.</td>
<td>10:45 A.M.</td>
<td>OCCC - W205C</td>
</tr>
<tr>
<td>New Member Orientation and Chapters Alliance Business Meeting</td>
<td>9:45 A.M.</td>
<td>12:15 P.M.</td>
<td>OCCC - W223</td>
</tr>
<tr>
<td>Adult MCCKAP Business Meeting</td>
<td>10:00 A.M.</td>
<td>10:45 A.M.</td>
<td>OCCC - W310</td>
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<tr>
<td>Meeting Name</td>
<td>Start Time</td>
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<tr>
<td>Academic Leaders in Critical Care Medicine Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W205B</td>
</tr>
<tr>
<td>Program Improvement Work Group Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W206A</td>
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<tr>
<td>Pediatrics Section Fellowship Directors Committee Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W205A</td>
</tr>
<tr>
<td>Research Section Education and Simulation Subcommittee Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W105</td>
</tr>
<tr>
<td>Fundamental Critical Care Support Committee Business Meeting</td>
<td>10:00 A.M.</td>
<td>11:20 A.M.</td>
<td>OCCC - W309B</td>
</tr>
<tr>
<td>Nursing Section Business Meeting</td>
<td>10:00 A.M.</td>
<td>11:30 A.M.</td>
<td>Hyatt - Orlando Ballroom N</td>
</tr>
<tr>
<td>Guidelines for Monitoring and Management of Pain, Sedation, Delirium, Neuromuscular Blockade, and Withdrawal in Critically Ill Infants and Children With Consideration of Early Mobility and Sleep Meeting</td>
<td>10:00 A.M.</td>
<td>2:00 P.M.</td>
<td>OCCC - W107</td>
</tr>
<tr>
<td>Become a Fellow of the American College of Critical Care Medicine</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>OCCC - W308</td>
</tr>
<tr>
<td>Drug Shortages and Medication Safety Committee Business Meeting</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>OCCC - W104</td>
</tr>
<tr>
<td>Anesthesiology Section Diversity and Inclusion Committee Meeting</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>OCCC - W108</td>
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<tr>
<td>Neuroscience Section Steering Committee Meeting</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>Hyatt - Peacock Spring</td>
</tr>
<tr>
<td>Pediatric MCCKAP Business Meeting</td>
<td>11:00 A.M.</td>
<td>11:45 A.M.</td>
<td>OCCC - W310</td>
</tr>
<tr>
<td>Pediatric Fundamental Critical Care Support Committee Business Meeting</td>
<td>11:30 A.M.</td>
<td>12:20 P.M.</td>
<td>OCCC - W309B</td>
</tr>
<tr>
<td>Respiratory Care Section Business Meeting and Lunch Reception</td>
<td>11:30 A.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - W206C</td>
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<tr>
<td>Neuroscience Section Business Meeting and Luncheon Sponsored by CoapTech</td>
<td>11:30 A.M.</td>
<td>1:30 P.M.</td>
<td>Hyatt - Manatee Spring I</td>
</tr>
<tr>
<td>Chapters Alliance Executive Committee Meeting</td>
<td>12:30 P.M.</td>
<td>1:30 P.M.</td>
<td>OCCC - W223</td>
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<tr>
<td>Physician Assistant Section Steering Committee Meeting</td>
<td>12:30 P.M.</td>
<td>1:30 P.M.</td>
<td>OCCC - W106</td>
</tr>
<tr>
<td>Research Section Communications Subcommittee Meeting</td>
<td>12:30 P.M.</td>
<td>1:30 P.M.</td>
<td>OCCC - W105</td>
</tr>
<tr>
<td>Accreditation and Learning Strategies Committee Meeting</td>
<td>1:00 P.M.</td>
<td>1:45 P.M.</td>
<td>OCCC - W310</td>
</tr>
<tr>
<td>Fundamental Disaster Management Committee Business Meeting</td>
<td>1:00 P.M.</td>
<td>1:50 P.M.</td>
<td>OCCC - W309B</td>
</tr>
<tr>
<td>ACCM Credentials Committee Meeting</td>
<td>1:00 P.M.</td>
<td>2:00 P.M.</td>
<td>OCCC - W205B</td>
</tr>
<tr>
<td>Philadelphia Area Critical Care Society</td>
<td>1:00 P.M.</td>
<td>2:00 P.M.</td>
<td>Hyatt - Manatee Spring II</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section PAC Pharmacists-to-Patient Ratio Task Force Meeting</td>
<td>1:00 P.M.</td>
<td>2:00 P.M.</td>
<td>OCCC- W309A</td>
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## BUSINESS AND ANCILLARY MEETINGS

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

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, February 16, 2020, Continued</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section New Members and First-Time Congress Attendees Orientation</td>
<td>5:00 P.M.</td>
<td>6:00 P.M.</td>
<td>Hyatt - Barrel Spring</td>
</tr>
</tbody>
</table>
| 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
<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPenn PROSpect - Investigators Meeting</td>
<td>8:00 A.M.</td>
<td>9:30 A.M.</td>
<td>Hyatt - Columbia 35</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Research and Scholarship Committee Meeting</td>
<td>8:45 A.M.</td>
<td>9:45 A.M.</td>
<td>OCCC - W205C</td>
</tr>
<tr>
<td>Pediatrics Section Quality and Safety Committee Meeting</td>
<td>8:45 A.M.</td>
<td>9:45 A.M.</td>
<td>OCCC - W206C</td>
</tr>
<tr>
<td>Adult MCCR Committee Meeting</td>
<td>9:00 A.M.</td>
<td>10:00 A.M.</td>
<td>OCCC - W102</td>
</tr>
<tr>
<td>Pediatric Online Module Development Committee Business Meeting</td>
<td>9:00 A.M.</td>
<td>10:00 A.M.</td>
<td>OCCC - W310</td>
</tr>
<tr>
<td>FCCS: Surgical Task Force Meeting</td>
<td>9:00 A.M.</td>
<td>10:20 A.M.</td>
<td>OCCC - W309A</td>
</tr>
<tr>
<td>Obstetric Critical Care KEG Meeting</td>
<td>9:30 A.M.</td>
<td>10:30 A.M.</td>
<td>Hyatt - Discovery 44</td>
</tr>
<tr>
<td>Membership Committee Meeting</td>
<td>9:30 A.M.</td>
<td>10:30 A.M.</td>
<td>OCCC - W306</td>
</tr>
<tr>
<td>Item Writing Adult Committee Business Meeting</td>
<td>10:00 A.M.</td>
<td>10:45 A.M.</td>
<td>OCCC - W310</td>
</tr>
<tr>
<td>Graduate Education Committee Business Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W205B</td>
</tr>
<tr>
<td>Pediatric MCCR Committee Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W101</td>
</tr>
<tr>
<td>Surviving Sepsis Campaign Research Committee Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W206A</td>
</tr>
<tr>
<td>Tele-Critical Care Committee Business Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC - W104</td>
</tr>
<tr>
<td>FDM 4th Edition Task Force Meeting</td>
<td>10:45 A.M.</td>
<td>12:00 P.M.</td>
<td>OCCC - W310</td>
</tr>
<tr>
<td>Item Writing Pediatric Committee Business Meeting</td>
<td>11:00 A.M.</td>
<td>11:45 A.M.</td>
<td>OCCC - W206A</td>
</tr>
<tr>
<td>Women in Critical Care KEG Meeting</td>
<td>11:00 A.M.</td>
<td>12:00 P.M.</td>
<td>Hyatt - Manatee Spring</td>
</tr>
<tr>
<td>SCCM Career Advancement Program Task Force Meeting</td>
<td>11:30 A.M.</td>
<td>12:30 P.M.</td>
<td>OCCC - W206C</td>
</tr>
<tr>
<td>Northern California Chapter Business Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>Hyatt - Discovery 46</td>
</tr>
<tr>
<td>SCCM ESCIM Joint Societies Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - Gary Sain Cafe</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Patient Safety Committee Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - W108</td>
</tr>
<tr>
<td>Internal Medicine Section Intensivists in Practice Committee Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>Hyatt - Coral Spring</td>
</tr>
<tr>
<td>Nursing Section Membership Committee Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - W205A</td>
</tr>
<tr>
<td>Pediatrics Section Palliative Care Committee Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - W206B</td>
</tr>
<tr>
<td>Research Section Steering Committee Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>OCCC - W105</td>
</tr>
<tr>
<td>Surgery Section Business Meeting</td>
<td>12:00 P.M.</td>
<td>1:00 P.M.</td>
<td>Hyatt - Barrel Spring</td>
</tr>
<tr>
<td>Scientific Review Committee Meeting</td>
<td>12:30 P.M.</td>
<td>1:30 P.M.</td>
<td>OCCC - W107</td>
</tr>
<tr>
<td>Surviving Sepsis Campaign Executive Committee Meeting</td>
<td>1:00 P.M.</td>
<td>2:00 P.M.</td>
<td>OCCC - Gary Sain Cafe</td>
</tr>
<tr>
<td>Defining Common Knowledge and Skills for Critical Care Training</td>
<td>1:00 P.M.</td>
<td>3:00 P.M.</td>
<td>OCCC - W101</td>
</tr>
<tr>
<td>Surviving Sepsis Campaign Steering Committee Meeting</td>
<td>2:00 P.M.</td>
<td>3:00 P.M.</td>
<td>OCCC - Gary Sain Cafe</td>
</tr>
</tbody>
</table>
### BUSINESS AND ANCILLARY MEETINGS

**Monday, February 17, 2020, Continued**

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

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
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<tbody>
<tr>
<td><strong>Tuesday, February 18, 2020</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Airway and Mechanical Ventilation Task Force Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC-W106</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Communications Committee Meeting</td>
<td>7:00 A.M.</td>
<td>8:00 A.M.</td>
<td>OCCC-W105</td>
</tr>
<tr>
<td>ACCM Board of Regents Meeting</td>
<td>7:30 A.M.</td>
<td>10:00 A.M.</td>
<td>OCCC-W208B</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Program Committee Meeting</td>
<td>8:30 A.M.</td>
<td>9:30 A.M.</td>
<td>OCCC-W107</td>
</tr>
<tr>
<td>Research Section Business Meeting</td>
<td>8:30 A.M.</td>
<td>9:30 A.M.</td>
<td>Hyatt-Coral Spring</td>
</tr>
<tr>
<td>Critical Care Essentials for the Nonintensivist Task Force Meeting</td>
<td>9:00 A.M.</td>
<td>10:00 A.M.</td>
<td>OCCC-W309A</td>
</tr>
<tr>
<td>ED-ICU Boarding Task Force Meeting</td>
<td>9:00 A.M.</td>
<td>10:00 A.M.</td>
<td>Hyatt-Peacock Spring</td>
</tr>
<tr>
<td>Quality and Safety Committee Meeting</td>
<td>9:00 A.M.</td>
<td>10:30 A.M.</td>
<td>OCCC-W108</td>
</tr>
<tr>
<td>Rapid Sequence Intubation Guidelines Meeting</td>
<td>9:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC-W205B</td>
</tr>
<tr>
<td>Item Writing Workshop</td>
<td>9:00 A.M.</td>
<td>12:00 P.M.</td>
<td>OCCC-W223</td>
</tr>
<tr>
<td>Medical Education Leadership Meeting</td>
<td>10:00 A.M.</td>
<td>11:00 A.M.</td>
<td>OCCC-W309A</td>
</tr>
<tr>
<td>ICU Liberation Business Meeting</td>
<td>10:00 A.M.</td>
<td>12:00 P.M.</td>
<td>OCCC-W104</td>
</tr>
<tr>
<td>Internal Medicine Section Business Meeting</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>Hyatt-Coral Spring</td>
</tr>
<tr>
<td>Pediatrics Section Advanced Practice Nursing Committee Meeting</td>
<td>10:30 A.M.</td>
<td>11:30 A.M.</td>
<td>OCCC-W205C</td>
</tr>
<tr>
<td>Emergency Medicine Section Business Meeting and Luncheon Sponsored by Teleflex</td>
<td>10:30 A.M.</td>
<td>1:30 P.M.</td>
<td>Hyatt-Orlando Ballroom M</td>
</tr>
<tr>
<td>Billing and Documentation KEG Meeting</td>
<td>11:00 A.M.</td>
<td>12:00 P.M.</td>
<td>Hyatt-Columbia 37</td>
</tr>
<tr>
<td>Uniformed Services Section Business Meeting</td>
<td>11:00 A.M.</td>
<td>12:00 P.M.</td>
<td>OCCC-W205B</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Business Meeting</td>
<td>11:30 A.M.</td>
<td>12:30 P.M.</td>
<td>Hyatt-Barrel Spring</td>
</tr>
<tr>
<td>Critical Care Societies Collaborative Meeting</td>
<td>12:00 P.M.</td>
<td>1:30 P.M.</td>
<td>OCCC-Gary Sain Cafe</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Subspecialty/Networking Session</td>
<td>12:30 P.M.</td>
<td>1:00 P.M.</td>
<td>Hyatt-Barrel Spring</td>
</tr>
<tr>
<td>Pediatrics Section Business Meeting</td>
<td>12:30 P.M.</td>
<td>1:30 P.M.</td>
<td>Hyatt-Florida Ballroom A</td>
</tr>
<tr>
<td>Diversity and Inclusion Committee Meeting</td>
<td>1:30 P.M.</td>
<td>2:30 P.M.</td>
<td>OCCC-W310</td>
</tr>
<tr>
<td>SCCM Business Meeting</td>
<td>2:30 P.M.</td>
<td>3:00 P.M.</td>
<td>OCCC-W308</td>
</tr>
<tr>
<td>Adult Surviving Sepsis Campaign Meeting</td>
<td>2:30 P.M.</td>
<td>4:30 P.M.</td>
<td>OCCC-W206A</td>
</tr>
<tr>
<td>Item Writing Workshop</td>
<td>2:30 P.M.</td>
<td>5:30 P.M.</td>
<td>OCCC-W223</td>
</tr>
<tr>
<td>ACCM Business Meeting</td>
<td>3:00 P.M.</td>
<td>3:30 P.M.</td>
<td>OCCC-W308</td>
</tr>
<tr>
<td>Donor Advisory Task Force Meeting</td>
<td>3:00 P.M.</td>
<td>4:30 P.M.</td>
<td>OCCC-Gary Sain Cafe</td>
</tr>
<tr>
<td>PODIUM Meeting</td>
<td>4:00 P.M.</td>
<td>6:00 P.M.</td>
<td>Hyatt-Challenger 3B-39</td>
</tr>
<tr>
<td>Knowledge and Skills Business Line Strategy Meeting</td>
<td>4:00 P.M.</td>
<td>6:00 P.M.</td>
<td>OCCC-W205C</td>
</tr>
<tr>
<td>Medical Musicians Meeting</td>
<td>5:00 P.M.</td>
<td>7:30 P.M.</td>
<td>Hyatt-Rock Spring</td>
</tr>
<tr>
<td><strong>Wednesday, February 19, 2020</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Council Meeting</td>
<td>7:30 A.M.</td>
<td>10:30 A.M.</td>
<td>Hyatt-Plaza International Ballroom D</td>
</tr>
</tbody>
</table>

Download the Events App at sccm.org/eventapp
Join us at booth #709

Acumen Hypotension Prediction Index (HPI) Software Demo
Reserve your demo to learn how you can stay ahead of hypotension with this first-of-its-kind predictive software.

In-booth Simulation Sessions
Join us to experience the latest simulation software as we dive into addressing critical clinical scenarios.

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

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## 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 (IFN\(\gamma\)) to restrain hyperinflammation.

## 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.

## 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.

## 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.
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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 pharmacists.
There is no fee to attend this activity.
Register at www.sccm.org or call (847) 827-6888.

This activity is presented by Society of Critical Care Medicine and Creative Educational Concepts, Inc., and is supported by an independent educational grant from Portola.
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 inicial
- 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 y 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

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.

“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

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.

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

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

Descargue la aplicación de eventos en sccm.org/eventapp
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.

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<tr>
<th>Nº Abstract</th>
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<th>Localización</th>
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<tr>
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<tr>
<td>39-43</td>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Neurocríticos</td>
<td>RST-Español</td>
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<tr>
<td>44, 46</td>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Administración</td>
<td>RST-Español</td>
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<tr>
<td>13-19</td>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Obstetricia</td>
<td>RST-Español</td>
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<td>20-22</td>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Cardiología</td>
<td>RST-Español</td>
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<td>23-25</td>
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<td>Humanización</td>
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<td>26-30</td>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Sepsis</td>
<td>RST-Español</td>
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<td>31-34</td>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Infecciones</td>
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<td>35-38, 45</td>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Miscelánea</td>
<td>RST-Español</td>
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<td>Miércoles 19 de febrero, 2020</td>
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<td>1 - 6</td>
<td>9:30 A.M. - 10:30 A.M.</td>
<td>Presentaciones orales</td>
<td>304A</td>
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<tr>
<td>7-12</td>
<td>10:45 A.M. - 11:45 A.M.</td>
<td>Presentaciones orales</td>
<td>304A</td>
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COMUNICACIONES

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<td>Domingo, 16 de febrero, 2020</td>
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<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Neurocríticos</td>
<td>Sabrina Da Re</td>
</tr>
<tr>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Gestión y calidad</td>
<td>Rolando Gimbernat</td>
</tr>
<tr>
<td>12:30 P.M. - 13:30 P.M.</td>
<td>Enfermería</td>
<td>Verónica Rojas</td>
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<tr>
<td>Lunes, 17 de febrero, 2020</td>
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<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Obstetricia</td>
<td>Fernando Gutiérrez</td>
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<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Cardiología /hemodinámica</td>
<td>Ulises Cerón</td>
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<tr>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>Humanización</td>
<td>Gabriel Heras</td>
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<tr>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Sepsis</td>
<td>Miguelina Pichardo</td>
</tr>
<tr>
<td>2:30 P.M. - 3:30 P.M.</td>
<td>Involúcrate en la FEPIMCTI</td>
<td>Néstor Raimondi</td>
</tr>
<tr>
<td>Martes, 18 de febrero, 2020</td>
<td></td>
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<tr>
<td>11:15 A.M. - 12:15 P.M.</td>
<td>¿Cómo escribir un abstract/artículo?</td>
<td>Ignacio Martin Loeches</td>
</tr>
<tr>
<td>8:45 A.M. - 9:45 A.M.</td>
<td>Infecciones</td>
<td>Jorge Hidalgo</td>
</tr>
<tr>
<td>10:00 A.M. - 11:00 A.M.</td>
<td>Miscelánea</td>
<td>Antonio Gandra</td>
</tr>
<tr>
<td>12:30 P.M. - 1:30 P.M.</td>
<td>Movilización temprana</td>
<td>Carolina Rivera</td>
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**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 hashtag durante el Congreso. No 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

Las sesiones se llevarán a cabo en el Orange County Convention Center a menos que se indique lo contrario.

Descargar la aplicación de eventos en sccm.org/eventapp
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, distres 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 prevenirla?

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?

Las sesiones se llevarán a cabo en el Orange County Convention Center a menos que se indique lo contrario

Descargar la aplicación de eventos en sccm.org/eventapp
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-CI. 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

No hay créditos de educación continua (CME/CE) para las sesiones en español.
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-Lloeches*
- 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*
Confident decisions in critical moments.

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Simplify assessments and deliver effective care with Venue Go. Featuring a uniquely adaptable design, Venue Go supports critical care medicine even in tight physical spaces. And AI-enabled auto tools help clinicians make fast assessments and confident decisions.
At Getinge, we believe that saving lives is the greatest job in the world. When you need to deliver the best care for your patients, we are by your side every step of the way, working together as one.

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