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See us at SCCM Booth #1000
Join nearly 5,000 other critical care clinicians in San Diego as the Society of Critical Care Medicine celebrates its 40th Critical Care Congress.

Pharmacists, nurses, physicians, respiratory therapists, and other healthcare providers from across the country and around the world will gather for the world's largest, multiprofessional critical care event.

Stay current with the most up-to-date, evidence based developments in critical care medicine.

- Cutting edge educational sessions
- Hands-on workshops
- Exhibitions
- Thought-provoking plenary sessions

Registration opens June 2010 at www.sccm.org.
National and international guidelines for critical care nutrition contain conflicting recommendations. The published guidelines use different systems of evidence to justify recommendations. As a result, the majority of the recommendations lack supporting, high-level evidence. Despite the existence of conflicting recommendations, critical care clinicians must educate themselves on these guidelines to optimize nutritional support for their patients.

During this breakfast symposium, expert faculty will identify and discuss areas within the guidelines supported by strong evidence as well as those with weak evidence. Characteristics of those hospitals successful in guideline implementation also will be explored.

Space is limited. Register today to secure your seat. Visit the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Beach Convention Center.

Program

SCCM/A.S.P.E.N. Nutrition Guidelines: Examination of the Evidence
Stephen McClave, MD
University of Louisville
Louisville, Kentucky, USA

Naomi Jones, MSc, RD
Kingston General Hospital
Kingston, Ontario, Canada

The Future of Nutrition Therapy: Looking into the Crystal Ball
Paul Wischmeyer, MD
University of Colorado
Aurora, Colorado, USA

Sponsored by This symposium is supported, in part, through a restricted educational grant from Abbott Nutrition, a division of Abbott Laboratories, Inc.
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Message from the Leadership

Welcome to Miami Beach and the Society of Critical Care Medicine’s (SCCM) 39th Critical Care Congress. What a fascinating, multicultural city in which to hold a multiprofessional forum of critical care practitioners from around the world!

Congress brings together critical care thought leaders from all over the world. In keeping with SCCM’s mission, we constantly strive to create opportunities for all members of the multidisciplinary, multiprofessional critical care team to find ways to develop and share improvements in patient care. We hope you use your time here to learn best practice models that contribute to improved patient care globally. Here you can develop transnational partnerships, take part in challenging conversations, and gain insight into the reasons for cultural differences that emerge during the care of critically ill and injured patients. As we in the United States are in the midst of close examination of the way health care is provided, we look forward to thoughtful discussions with our international colleagues about practice differences in other countries.

By attending Congress, you’ve already demonstrated your desire to improve the quality of care you offer your patients. While you’re here, you can take one step further in translating research to practice in an effort to create international evidence-based standards of care. We hope that you will take full advantage of the events and networking opportunities offered at Congress:

> Participate in the multiprofessional educational sessions and hands-on workshops

> Visit the Exhibit Hall, where more than 130 exhibitors are showcasing the latest technologies, products, services, and career opportunities available to critical care practitioners

> Visit the Poster Sessions, where more than 1,000 of your colleagues capsulize their ongoing research

> Offer your hand to new and student members as they make their way in this profession

> Additionally, take the opportunity to approach SCCM leaders and staff to ask your questions, to offer your insights, or to ask advice on how to become more involved with SCCM.

We look forward to greeting you during Congress!
With 14,000 members in 80 countries, the Society of Critical Care Medicine is the only multiprofessional organization dedicated exclusively to the advancement of critical care, education, research and advocacy. For more information, visit www.sccm.org.

Achieve your educational and clinical goals with these additional member benefits:

**Career Development**
Continue the lifelong learning process by accessing educational and clinical content as well as practice-enhancing guidelines on SCCM’s LearnICU.org Web site. Search for new job opportunities using Career Central, SCCM’s career placement Web site for Clinicians.

**Skill Enhancement**
Gain a multiprofessional perspective to optimize patient care, develop team building skills and improve the financial performance of your institution using the Right Care, Right Now™ paradigm.

**Unlimited Networking**
Engage in informative conversations in person at SCCM events or online using Critical Care Forums. Locate fellow colleagues from around the world using SCCM’s membership database.

**Leadership Opportunities**
Give back to the profession and help further patient care practices by volunteering in SCCM’s Creative Community in Critical Care. Join up to three specialty sections to meet colleagues with similar interests.

**Substantial Savings**
Receive up to 25% discount off educational programs and resources including SCCM’s popular annual Congress and board review courses, publications and products.

Become a member today and get FREE subscriptions to *Critical Care Medicine* and *Critical Connections*—the go-to resources for dedicated experts like you.

Get More With SCCM:
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- Breakthrough Technologies
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Department
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City
State/Province
Zip/Postal Code
Country
Phone Number
Facsimile*
Date of Birth (mm/dd/yyyy)

Ethnic / Culture Group
Appearance: African American/Black Asian/ Pacific Islander Hispanic Native American/Native Alaskan White/Non-Hispanic Other

Required if in Training
In-training (check one)
Fellow
Resident
Student
International Associate
Dues $55 U.S. – Available to all healthcare professionals except physicians. Provides full privileges of membership.
International Physician
Dues $250 U.S. – Available to physicians residing outside of the 50 United States. Provides privileges of membership, except the right to make motions, vote, or hold office.
Young Physician
Dues $195 U.S. – Available to physicians who have completed their fellowship training programs within the last three years. Documentation verifying the fellowship program completion date is required. Provides full privileges of membership.
In-training (check one)
Fellow
Resident
Student
International Associate
Dues $55 U.S. – Available to all healthcare professionals residing outside the 50 United States. Provides privileges of membership, except the right to vote, make motions, hold office; receive Critical Care Medicine; or apply for fellowship in the American College of Critical Care Medicine.

Membership Options:

Healthcare Professional
Dues $130 U.S. – Available to all healthcare professionals except physicians. Provides full privileges of membership.
Physician
Dues $255 U.S. – Provides full privileges of membership.
International Physician
Dues $250 U.S. – Available to physicians residing outside of the 50 United States. Provides privileges of membership, except the right to make motions, vote, or hold office.
Young Physician
Dues $195 U.S. – Available to physicians who have completed their fellowship training programs within the last three years. Documentation verifying the fellowship program completion date is required. Provides full privileges of membership.
In-training (check one)
Fellow
Resident
Student
International Associate
Dues $55 U.S. – Available to all healthcare professionals residing outside the 50 United States. Provides privileges of membership, except the right to vote, make motions, hold office; receive Critical Care Medicine; or apply for fellowship in the American College of Critical Care Medicine.

Membership includes the option to join one of 10 state and regional chapters for an additional fee of $45 U.S. (In-training members may join at no cost.)

Chapters:

Baltimore
Carolina/Virginia (includes VA, NC, SC)
Michigan
New Jersey
North Central (includes IA, MN, ND, SD, WI)
Ohio
Oregon
Pennsylvania
Southeast (includes AL, AR, GA, KY, LA, MS, TN)
Texas

Specialty Sections:
Membership in SCCM includes the option to join up to three specialty sections.
(Please check a maximum of three):
Anesthesiology
Clinical Pharmacy & Pharmacology
Emergency Medicine
Industry & Technology
Internal Medicine
In-training
Neuroscience
Nursing
Osteopathic Medicine
Pediatric
Physician Assistants
Respiratory Care
Surgery
United Services

Demographic:

Primary Employment Settings:
Government Hospital/Clinic
Medical School/University
Non-Government Hospital/Clinic
Pediatric/Multispecialty Group Practice
Solo/Two Physician Practice
Staff Model HMO
Other:

Primary Practice/Position Area:
Military
Rural
Suburban
Urban, inner city
Urban, non-inner city
Other:

Size of Institute:
Fewer than 99 Beds
100-199 Beds
200-299 Beds
300-399 Beds
400+ Beds
Not Applicable

Payment Information:
Annual Dues
Add $55 U.S. if Pediatric Section membership selected.
Add $45 U.S. if Chapter membership selected. (no charge for In-training members)
Total Enclosed $ ___________ U.S.
Check made payable to Society of Critical Care Medicine (U.S. funds drawn on U.S. bank) or International Money Order

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EXInt09
Commit. Transform. Improve. You will find this theme interwoven throughout the 39th Critical Care Congress.

The Congress Program Planning Committee has invested a great deal of time and thought to ensure that this theme strikes a cord with the critical care community, as initiatives to improve outcomes become more pressing in a changing healthcare environment where quality is increasingly being linked to reimbursement. We all strive to provide the Right Care, Right Now™ within our intensive care units (ICUs).

Most critical care practitioners were drawn to the specialty out of a desire to treat and help those patients most in need. In the fast-paced, overwhelming arena of the ICU, quality improvement efforts too often are seen as tasks that can be put off for one more day. Utilizing the theme, Commit • Transform • Improve, the 39th Critical Care Congress will provide the inspiration, resources and support critical care professionals need to implement quality improvement now.

Commit. Throughout the year, SCCM collected stories about your commitment to quality improvement and is featuring them during Congress. Efforts to improve quality occur at all levels and on all scales in ICUs, from simple strategies to improve hand hygiene to hospital-wide initiatives to benchmark data. All of these efforts help to save patient lives. We hope you find these stories inspiring and that you commit to improving the quality of care at your institution.

Transform. Educational sessions specifically focused on quality improvement in the ICU will provide you with a multitude of new resources, proven buy-in tactics, and result-oriented strategies. Congress offers opportunities to consider redesigned systems of care delivery to enhance patient safety, collaborate with peers who are working on a wide variety of critical care performance improvement projects, and “shamelessly steal” crucial ideas that can and should be duplicated. The 39th Critical Care Congress will help you transform tools into results.

Improve. As a Congress attendee, you will acquire the inspiration to commit and the tools to transform care in your ICU. Efforts to enhance the quality of care must be tailored to the needs and capabilities of each practitioner’s ICU, but improved care cannot wait. The 39th Critical Care Congress will help you disseminate lessons learned to your critical care colleagues to ensure that we improve patient care.

Beyond the most important goal of improving patient outcomes, don’t lose sight of the chance to grow personally and professionally and “recharge” during Congress. Opportunities abound to network, socialize and relax — fueled by Miami’s unique activities and sites that appeal to a variety of interests from the adventurous to the curious.

We thank you for coming and hope you take advantage of this unique opportunity to expand your critical care knowledge and improve the care you deliver to your critically ill and injured patients.

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Your Work Can Advance the Field

Call for Congress Abstracts

Submit your original investigative research and case reports for presentation at SCCM’s 40th Critical Care Congress, beginning May 3, 2010 at www.sccm.org.

If accepted, your work will be on display January 15 to 19, 2011, and be published in Critical Care Medicine, the #1 critical care subspecialty journal. In addition, you will become eligible for:

▲ Peer evaluation provided by world-renowned critical care experts
▲ Multiple awards including scientific awards, educational scholarships and research awards
▲ Registration scholarships to Congress

Visit www.sccm.org for details about abstract guidelines and categories.

Acceptable categories include Administration, Basic Science, Case Reports, Clinical Science, and Education.

4

Critical Care Congress

January 15-19, 2011 ▲ San Diego, California, USA ▲ San Diego Convention Center
2009-2010 Executive Committee and Council

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Director, Anne and Max A. Cohen Surgical Intensive Care Unit
New York-Presbyterian Hospital
New York, New York, USA
You and your critical care colleagues are invited to attend an Evidence-to-Practice Breakfast Symposium...

Severe Blood Pressure Elevations in the Intensive Care Unit

**Program Moderator:** Jerrold H. Levy, MD
Professor and Deputy Chair for Research | Emory University School of Medicine | Director of Cardiothoracic Anesthesiology | Cardiothoracic Anesthesiology and Critical Care | Emory Healthcare | Atlanta, Georgia

**FACULTY:**

- **Faisal N. Masud, MD, FCCP** ~ Medical Director, Cardiovascular Intensive Care Unit | Methodist DeBakey Heart & Vascular Center | Department Of Cardiovascular Anesthesiology and Cardiovascular Critical Care | Associate Professor Of Clinical Anesthesiology | Weill Cornell Medical College | Associate Professor Of Anesthesiology | Baylor College Of Medicine | Associate Professor Of Acute & Continuing Care | University Of Texas Health Science Center Houston, Texas

- **Paul M. Vespa, MD, FCCM** ~ Associate Professor of Neurosurgery and Neurology | David Geffen UCLA School of Medicine | Director of Neurocritical Care | UCLA School of Medicine | Los Angeles, CA

**SAVE THE TIME AND DATE:** Sunday Morning, January 10, 2010
**TIME:** 6:30 AM – 8:00 AM | **BREAKFAST:** 6:00 AM – 6:30 AM | **CONFERENCE ROOM:** C125
**LOCATION:** Miami Beach Convention Center | **CITY:** Miami, Florida
**ADDRESS:** 1901 Convention Center Drive, Miami Beach, Florida

PLEASE REGISTER NOW AT: [www.SCCM.org/CongressSymposia](http://www.SCCM.org/CongressSymposia)

OR, Call Customer Service at (847) 827-6888 to ensure attendance in this presentation

Supported by an educational grant from THE MEDICINES COMPANY®

Planned by the Society of Critical Care Medicine (SCCM) in collaboration with CMEducation Resources, LLC
Pastel-colored buildings. Old World style villas. Authentic Indian villages. Animal and botanical sanctuaries. Boats on air. A river of grass. Miami has a wide array of attractions – from historic to adventuresome, natural to man-made. To make sure you don’t miss out on anything this city has to offer, SCCM is offering the following sightseeing tours, fishing cruises and other activities. There’s so much to see and do in Miami – it’s best to plan ahead. Register for tours today. For dates and ticket prices, please refer to the Guest/Tour Registration Form on page 13. For complete tour details, visit www.sccm.org/Congress.
TO REGISTER, COMPLETE THIS FORM AND SUBMIT IT TO THE SCCM REGISTRATION DESK LOCATED IN THE WEST FOOD COURT REGISTRATION AREA.

Please use this form to register guests for the 39th Critical Care Congress and/or to purchase tickets for tours. Please type or print clearly. Please keep a copy of this form for your records.

REGISTRANT INFORMATION

Last Name (Surname) _____________________ First ___________________ Middle Initial ____ Customer/Member # ___________
Address _____________________________________________________________________________________________________
Organization _________________________________________________________________________________________________
City ____________________________________ State ___________ Zip/Postal Code ____________ Country _________________

PAYMENT INFORMATION

(Please send payment with registration form.)

- Check payable to SCCM (must be U.S. funds drawn on a U.S. bank) or International Money Order
- Wire Transfer (Please contact SCCM Customer Service for wire transfer information.)
- Credit Card: □ American Express □ Discover □ MasterCard □ Visa

<table>
<thead>
<tr>
<th>Card Number __________________________</th>
<th>Expiration Date __________________________</th>
</tr>
</thead>
</table>

Cardholder Name __________________________________________________________
Cardholder Signature _____________________________________________________ Date __________________________

□ Check here or email registration@sccm.org if you have special needs related to a disability and an SCCM staff member will contact you to determine specific requirements.

TOTAL DUE $ _______________

SPOUSE/GUEST REGISTRATION (If you need more space, please make a copy of this form.)

Spouse/guest registration is required for anyone over 18 years of age who will be participating in SCCM activities. Registration includes admission to the Exhibit Hall as well as an SCCM gift. Spouses/guests must be registered for Congress in order to purchase tickets for tours. Spouse/guest registration does NOT include admission to any educational session.

$25 per guest over 18 $________

<table>
<thead>
<tr>
<th>Last Name First</th>
<th>M.I.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender: □ Male □ Female □ over 18</td>
<td></td>
</tr>
</tbody>
</table>

TOURS (Please indicate ticket quantity.)

<table>
<thead>
<tr>
<th>TOURS</th>
<th>QTY</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, January 10, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Classic Miami City Tour 9:00 a.m. - 12:00 p.m.</td>
<td>$45 per person</td>
<td>_____</td>
</tr>
<tr>
<td>□ Afternoon Fishing Cruise 12:30 p.m. - 5:30 p.m.</td>
<td>$150 per person</td>
<td>_____</td>
</tr>
<tr>
<td>Monday, January 11, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Villa Vizcaya/Fairchild Tropical Gardens 9:00 a.m. - 12:00 p.m.</td>
<td>$55 per person</td>
<td>_____</td>
</tr>
<tr>
<td>Tuesday, January 12, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Everglades Eco Adventure 9:00 a.m. - 2:00 p.m.</td>
<td>$55 per person</td>
<td>_____</td>
</tr>
</tbody>
</table>
Delirium was proposed by the Centers for Medicare and Medicaid Services as a “never event.” According to the National Quality Forum, “never events” are errors in medical care that are clearly identifiable, preventable and serious in their consequences for patients, and that indicate a real problem in the safety and credibility of a healthcare facility.

Is it realistic to categorize delirium as a “never event” in critical care patients? Should delirium occur, which treatment option is most effective? Expert faculty will examine these controversies as well as identify risk factors for delirium that may help prevent the condition from occurring.

**PROGRAM**

Delirium: The Next Proposed “Never Event.” Is This Realistic?
Pratik P. Pandharipande, MD, FCCM
Vanderbilt University Medical Center
Nashville, Tennessee, USA

Haloperidol: The “Go-To” Drug. Are Atypicals a Better Option?
John W. Devlin, PharmD, FCCM
Northeastern University
Boston, Massachusetts, USA

Haloperidol: The “Go-To” Drug. Is Dexmedetomidine a Better Option?
Richard R. Riker, MD
Maine Medical Center
Portland, Maine, USA

Space is limited. Register today to secure your seat. Visit the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Beach Convention Center.
When the American College of Critical Care Medicine (ACCM) was created in 1988, the Society of Critical Care Medicine (SCCM) began a tradition dedicated to the recognition of excellence.

ACCM is committed to fostering the highest goals of multiprofessional critical care. It honors individuals whose achievements and contributions demonstrate a personal commitment to these goals, promotes a forum for the development of collaborative practice among the specialties and professions providing critical care, and serves as SCCM’s consultative body possessing recognized expertise in the practice of critical care.

The prestigious designation of Fellow of the American College of Critical Care Medicine (FCCM) honors practitioners, researchers, administrators, and educators who have made outstanding contributions to the collaborative field of critical care. ACCM is comprised of nurses, pharmacists, physicians, respiratory care practitioners, and other healthcare professionals who are all experts in their fields.

As an organization devoted to creating a greater understanding of critical care, ACCM emphasizes quality management in the practice and administration of critical care, focuses on leadership and underscores the importance of fostering partnerships, humane caring, communication, and public opinion involving critical care.

ACCM Convocation and SCCM Awards Ceremony
SUNDAY, JANUARY 10, 2010  6:00 P.M. – 7:30 P.M.
FONTAINEBLEAU MIAMI BEACH  FONTAINE/FLEUR DE LIS

Members and guests are invited to attend the ACCM Convocation and SCCM Awards Ceremony where 40 new Fellows will be inducted into ACCM and award and grant recipients will be honored. Come support your colleagues on this prestigious occasion.

Joseph F. Dasta, MSc, FCCM, is the recipient of the 2010 ACCM Distinguished Investigator Award, ACCM’s highest recognition given to an individual whose scientific and educational contributions to the art and science of critical care demonstrate career commitment and excellence. Professor Dasta’s address is titled, “What Our ICU Patients Have Taught Us.”

Become a Fellow of the American College of Critical Care Medicine
MONDAY, JANUARY 11, 2010  2:15 P.M. – 3:15 P.M.
MIAMI BEACH CONVENTION CENTER ROOM C219

Gain insight into the eligibility requirements for Fellowship in the American College of Critical Care Medicine (FCCM) and determine if you meet the criteria. If you are unable to attend this informational meeting, representatives will be available at SCCM Central to answer questions and to distribute applications. Fellowship applications must be submitted by March 15, 2010. Email Carol Prendergast at cprendergast@sccm.org for additional information.

ACCM Town Hall
TUESDAY, JANUARY 12, 2010  3:15 P.M. – 4:15 P.M.
MIAMI BEACH CONVENTION CENTER ROOM A209

All Congress attendees are invited to attend ACCM’s Town Hall where this year’s topic will be, “The Ghost of the Past Ten Years and the Spirit of the Next Ten Years.” Robert W. Taylor Jr., MD, FCCM, will present on the Ghost; Maureen Harvey, RN, CCRN, FCCM, will present on 2010: Right Now; and Thomas G. Rainey, MD, FCCM, will present on the Spirit. Don’t miss this interactive discussion!

ACCM Business Meeting
TUESDAY, JANUARY 12, 2010  4:15 P.M. – 5:00 P.M.
MIAMI BEACH CONVENTION CENTER ROOM A209

ACCM leadership will announce election results for the 2010-2011 Board of Regents and summarize the activities of the College over the past year. This is a great opportunity to meet with members of the Board of Regents and network with Fellows of the College.
Connect with friends and colleagues while enjoying discounts and promotional offers from various shops and restaurants located along South Beach's funky and fun, yet sophisticated, Lincoln Road. Lincoln Road is a seven-block stretch in South Beach that mixes major retailers with one-of-a-kind local boutiques, and first-rate restaurants with casual eateries. The open-air, pedestrian-only promenade boasts a diverse cast of characters. On any given day you’ll encounter mimes, painters, street musicians, and artisans. Once referred to as the Fifth Avenue of the South, Lincoln Road today maintains an elusive charm that makes it the ultimate place to see, be seen, shop, and dine.

**How to Participate:**
To take advantage of the promotional offers visit any of these Lincoln Road establishments starting at 5:00 p.m., Saturday, January 9 through Wednesday, January 13. Remember these helpful tips:

**LOOK FOR THE “WELCOME SCCM” SIGN**
Participating establishments will display SCCM signage in their windows.

**WEAR YOUR SCCM BADGE**
To receive the promotions, you must display your SCCM badge.

**CALL AHEAD**
Weekend nights are busy on Lincoln Road, so make arrangements ahead of time to reserve enough space for your group.

The following Lincoln Road establishments are offering special discounts to attendees of SCCM’s 39th Critical Care Congress starting at 5:00 p.m. on Saturday, January 9 through Wednesday, January 13.

<table>
<thead>
<tr>
<th>Establishment</th>
<th>Address</th>
<th>Phone Number</th>
<th>Capacity</th>
<th>Promotion Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books and Books Restaurant and Bookstore</td>
<td>933 Lincoln Road</td>
<td>+1 305 695-8898</td>
<td>70 people</td>
<td>10% discount on dinner menu</td>
</tr>
<tr>
<td>Carnevale Venetian Cafe</td>
<td>607 Lincoln Road</td>
<td>+1 305 672-3333</td>
<td>40 people</td>
<td>Happy Hour</td>
</tr>
<tr>
<td>D’Vine Hookah Lounge (Bar/Restaurant/Cyber)</td>
<td>445 Lincoln Road</td>
<td>+1 305 674-8525</td>
<td>100 people</td>
<td>20% discount on everything except cigars and cigarettes</td>
</tr>
<tr>
<td>Da Leo Trattoria &amp; Bar</td>
<td>819 Lincoln Road</td>
<td>+1 305 775-9612</td>
<td>240 people</td>
<td>Fixed price dinner $18.95</td>
</tr>
<tr>
<td>Enos Wine Bar</td>
<td>920 Lincoln Road</td>
<td>+1 305 695-119</td>
<td>30 people</td>
<td>Complimentary wine tasting (first two ounces)</td>
</tr>
<tr>
<td>Ghirardelli Ice Cream &amp; Chocolate Shop</td>
<td>801 Lincoln Road</td>
<td>+1 305 532-2538</td>
<td>60 people</td>
<td>10% discount on retail and fountain purchases</td>
</tr>
<tr>
<td>Jonathan Adler Miami</td>
<td>1024 Lincoln Road</td>
<td>+1 305 534-5600</td>
<td>50 people</td>
<td>10% discount on pottery, lighting, textiles, candles, and gifts for the home</td>
</tr>
<tr>
<td>La Gelateria/Gelateriaparmalat</td>
<td>670 Lincoln Road</td>
<td>+1 305 803-2215</td>
<td>50 people</td>
<td>VIP discount on ice cream and coffee</td>
</tr>
<tr>
<td>Mr. R Sports</td>
<td>400-408 Lincoln Road</td>
<td>+1 305 926-7568</td>
<td>0 people</td>
<td>20% discount on entire check</td>
</tr>
<tr>
<td>Pomodoro e Basilico</td>
<td>667 Lincoln Road</td>
<td>+1 305 534-3600</td>
<td>250 people</td>
<td>Beat The Clock! The price you pay depends on the time you order.</td>
</tr>
<tr>
<td>World Resource Café (Thai/Japanese cuisine)</td>
<td>719 Lincoln Road</td>
<td>+1 305 535-8987</td>
<td>80 people</td>
<td>20% discount on entire check</td>
</tr>
</tbody>
</table>
A Sweet Escape: Post-Congress Conference on Key West

Enjoy an extended Congress by attending the Post-Congress Conference on Key West, Florida, USA on the topic of Hyperglycemia and Critical Illness: Adaptive Response or Therapeutic Opportunity? A welcome reception and dinner will be held on the evening of Wednesday, January 13, 2010, followed by two more educational sessions on January 14 and 15, 2010. See pages 98 and 99 for details.

Fellowship Directors’ Luncheon

Critical care fellowship program directors are invited to participate in the Fellowship Directors’ Luncheon: Work Hour Restrictions and Their Effects on Resident/Fellow Education in Critical Care, to be held on Monday, January 11, 2010, from 12:00 p.m. to 1:20 p.m. in Room C222. Take advantage of this opportunity to review the current status of the Internal Medicine Work Hour Restrictions Report and the Accreditation Council for Graduate Medical Education’s (ACGME) response. Discuss with peers and experts where the concept of service versus education fits into this environment. Exchange strategies for stretching clinical coverage within the confines of these restrictions.

SCCM Business Meeting

Join the Society’s leadership at the SCCM Annual Business Meeting for a summary of the past year’s activities and an announcement of the Council election results. The meeting will be held Tuesday, January 12, 2010, from 2:30 p.m. to 3:15 p.m., in Room A209 of the Miami Beach Convention Center.

Sponsored Symposia

Learn about clinical breakthroughs and advances that lead to better patient care during the stimulating discussions of sponsored symposia. Each session is presented by leading experts in critical care and offers a thorough analysis of the developments and controversies affecting most intensive care unit environments. These industry-supported sessions are complimentary for all Congress registrants. Complete details are listed in the Schedule of Events. Tickets are required. To register, visit the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Beach Convention Center.

Abstract Presentations and Poster Hall Events

Oral Presentations

Oral presentations will be scheduled, unopposed, for two hours on Sunday, January 10, 2010. These presentations will highlight the top 64 abstracts submitted.

Poster Discussions and Awards Presentations

Interact and discuss original scientific research findings with abstract authors in the Poster Hall, which will be open Sunday, January 10, 2010, through Tuesday, January 12, 2010. Winners of SCCM’s abstract-based awards will be recognized during a ceremony in the Poster Hall on Tuesday, January 12, 2010, from 1:00 p.m. to 1:30 p.m.

Professor Walk Rounds

Poster presentations will be assigned by topic to noted faculty and other experts who will facilitate the exchange of ideas and commentary between younger scientists and established clinicians. Presentations will be scheduled at unopposed times Sunday, January 10, 2010, through Tuesday, January 12, 2010.

Please refer to the Schedule of Events for specific times.

Plenary Sessions

Attend thought-provoking presentations that promote innovative developments in critical care. Plenary sessions are held at unopposed times with presentations given by distinguished, world-renowned leaders in the critical care field. Speakers include:

- Marcelo AMATO, MD
  University of Sao Paulo
  Sao Paulo, Brazil

- Robert H. BARTLETT, MD
  WILLIAM C. SHOEMAKER HONORARY LECTURE
  Professor Emeritus
  University of Michigan Health System
  Ann Arbor, Michigan, USA

- Janet M. CORRIGAN, PhD, MBA
  PETER SAFAR HONORARY LECTURE
  President and CEO
  National Quality Forum
  Washington, DC, USA

- Martha A.Q. CURLEY, RN, PhD
  Associate Professor
  University of Pennsylvania School of Nursing
  Philadelphia, Pennsylvania, USA

- David G. JAIMOVICh, MD
  President
  Quality Resources International
  Northbrook, Illinois, USA

- Polly MATZINGER, MD
  MAX HARRY WEIL HONORARY LECTURE
  National Institutes of Health
  National Institute of Allergy and Infectious Disease
  Bethesda, Maryland, USA

- Edward D. MILLER, MD
  AKE GRENVICK HONORARY LECTURE
  Chief Executive Officer, Johns Hopkins Medicine
  Dean, Johns Hopkins University School of Medicine
  Baltimore, Maryland, USA
Membership
Become a member of the world's largest multiprofessional critical care organization. Members enjoy such benefits as reduced rates to SCCM's annual Congress, educational programs and products, and networking opportunities with critical care colleagues from around the world. Please stop by the membership section of SCCM Central to take advantage of the special introductory membership dues offer for attendees of the 39th Critical Care Congress: $75 for Healthcare Professionals and $200 for Physicians and International Physicians. For your convenience, a membership application is located on page 6. If you are already a member, find out how you can become more involved, renew your membership on site or update your membership profile/contact information.

Sections and Chapters
Join one of the 14 sections and 10 chapters of SCCM! Sections serve as a voice for members of the same or similar discipline and help advance professional specialties through unique projects, advocacy and educational programming. Chapters provide a vehicle for members to exchange information, network with local critical care practitioners and discuss the impact of national issues on their communities. If you are interested in joining an SCCM section or chapter, please complete an application at SCCM Central.

American College of Critical Care Medicine (ACCM)
In 1988, SCCM established the ACCM to recognize individuals who have excelled in the advancement of critical care. The prestigious designation of Fellow of the American College of Critical Care Medicine (FCCM) is awarded to practitioners, researchers, administrators, and educators who are members of the ACCM and demonstrate personal and professional commitment to the profession. Plan to attend the session “Become a Fellow of the American College of Critical Care Medicine” on Monday, January 11, from 2:15 p.m. to 3:15 p.m in Room C219 or visit SCCM Central for information on applying for Fellowship.

SCCM Fund: Improving Care
SCCM supports education and research programs for critical care professionals while providing valuable information to the public through gifts from individuals, foundations and corporations. Visit SCCM Central to make your donation today. Donations also can be made at the SCCM Registration Desk and at the Opening Session. Contributions are tax deductible.

Fundamental Critical Care Support (FCCS), Pediatric Fundamental Critical Care Support (PFCCS) and Fundamental Disaster Management (FDM)
The courses in the Fundamentals family ensure that your patient care staff has the confidence and skills to treat the critically ill and injured patient. The FCCS course addresses timely care of critically ill or injured adults and better prepares the non-intensivist for the first 24 hours of critical care management, while the PFCCS course focuses on the recognition and management of critically ill or injured infants and children. The FDM course addresses critical care response to natural or man-made mass casualty events. Due to increased demand for FCCS, PFCCS and FDM worldwide, there is a growing need for new course instructors and sponsors, so visit SCCM Central to learn more about the courses, locations, becoming an instructor, and course sponsorship and pricing.

Career Central
Let the networking strength of SCCM help you in today's job marketplace. Career Central is the perfect online tool for both employers and job seekers looking to increase exposure within a targeted critical care audience. A designated computer for posting and searching will be available at SCCM Central during Exhibit Hall hours. A bulletin board for posting open positions also is available at no charge.

European Society of Intensive Care Medicine (ESICM)
Stop by and visit with representatives of ESICM. With 4,000 members, ESICM aims to foster intensive care medicine in Europe and around the world. ESICM and SCCM often work together to further missions through research and education.

Prize Drawings
SCCM would like to thank you for attending the 39th Critical Care Congress by offering four chances to win great prizes. Included in each attendee's registration information are drawing tickets, which can be filled out and dropped off at the raffle drum in SCCM Central for a chance to win either an Amazon KindleDX™ or an HP Mini Notebook. The KindleDX™ is a convenient, portable reading device with the ability to wirelessly download books, blogs, magazines, and newspapers. No computer is needed. The HP Mini Notebook is a small laptop device designed for those on the go. Its light weight and small size makes it perfect for travel and a great companion device for your primary PC. It has built in Wi-Fi that keeps you connected wherever a wireless connection exists. There will be one winner drawn on Sunday and Monday and two winners drawn on Tuesday. Please refer to your drawing tickets for exact times and prize information.
New Cutting-Edge Information from SCCM

ICU Infection in an Era of Multi-Resistance
Learn about the most effective infection control strategies available with SCCM’s newest resource, ICU Infection in an Era of Multi-Resistance: Selected Proceedings from the 8th Summer Conference in Intensive Care Medicine. This compilation offers an overview of the risks posed by antibiotic-resistant infections in today’s world and discusses how our hospital and ICU teams can improve their clinical practice techniques to reduce this threat. $49 members/$64 nonmembers

Current Concepts in Adult Critical Care and Current Concepts in Pediatric Critical Care
The Current Concepts publications focus on cutting-edge clinical information relevant to adult and pediatric patients in the ICU. Each chapter probes the current critical care treatments and includes an in-depth overview on the standards of practice in critical care as well as a review of basic critical care concepts. Content is updated annually and presented as a pre-course at SCCM’s Critical Care Congress. $75 members/$95 nonmembers

Compensation of Critical Care Professionals, 2nd Edition
Find out how your compensation package measures up by reviewing the second edition of Compensation of Critical Care Professionals. This valuable resource presents results and comparison data from a recent survey of critical care professionals. Employees can use the information to compare salary, benefits and working conditions of critical care professionals across the country. Employers can use the data to formulate competitive compensation packages that meet the increasing demands of critical care personnel. $145 members/$210 nonmembers

Popular Classics from SCCM
Simulators in Critical Care and Beyond
Gain insight into current simulation practices with Simulators in Critical Care and Beyond. This one-of-a-kind publication highlights the use of simulation in graduate medical education. Chapters cover a wide variety of issues and topics including the history and educational theories behind using simulation in medical education, as well as the issues faced when starting a simulation center. Key topics include the role of simulation in patient safety, human simulation and crisis team training, team-oriented medical simulation, technological resources in medical simulation, and many others. $60 members/$75 nonmembers

Adult and Pediatric Multiprofessional Critical Care Review
The Adult and Pediatric Multiprofessional Critical Care Review (MCCRC) publications are essential for professionals preparing for board certification or needing an overall review. These materials provide detailed reviews of topics on the subspecialty exams. Included with the textbooks is the added resource, Adult or Pediatric Problem-Based Learning Discussions, which includes practice test questions and case scenarios. CE/CME credit is available with the CD-ROMs. Textbooks: $150 members/$190 nonmembers CD-ROMs: $100 members/$150 nonmembers Special pricing is available when you purchase two or more MCCRC products.
As SCCM continues to grow and support the critical care community, it also continues to support a healthy planet by employing environmentally friendly operating processes. Please join SCCM in its charge to help preserve and protect the environment. Many of the practices SCCM follows can be applied to your own work and/or personal life.

**Reduced use of paper**

Records that many companies keep in paper format are scanned and stored in an electronic central database accessible to all SCCM staff members. Files are routed electronically whenever possible, further eliminating paper waste.

**Use of recycled materials**

When the use of paper is necessary, SCCM uses only recyclable products. SCCM’s copy paper is made of 30% recycled materials. Additionally, SCCM uses only recycled paper and paper from managed sources for all marketing materials and publications.

**Waste minimization**

SCCM provides reusable dishes and flatware for employee use in an effort to reduce waste from disposable products.

**Comprehensive recycling program**

SCCM provides several recycling stations for paper, plastic, glass, and aluminum products. Additionally, there are recycling stations for retired or inoperable cellular phones, batteries, personal digital assistants, computer equipment, and battery chargers.

**Energy efficiency**

SCCM uses energy-efficient dishwashers, heating and cooling systems, and lighting systems to reduce its consumption of power and natural resources.

**A Greener Congress**

The Miami Beach Convention Center and GES Exposition Services both provided SCCM with environmentally friendly products and services that helped reduce the environmental footprint of the 39th Critical Care Congress.

The Miami Beach Convention Center’s green initiatives include: a single-stream recycling program, trash compacting systems, low-emission lighting, green restrooms and cleaning products, and energy-efficient chillers, cooling towers and meeting room lighting control systems.

GES Exposition Services assembled the Congress Exhibit Hall using the following items that are either produced from recycled content and/or are 100 percent recyclable: carpeting, carpet padding, carpet covering, trash can liners, wastebaskets, table covers, and substrates used for sign graphics.

**Ways You Can Be Green at Congress**

> Bring a reusable water bottle, preferably aluminum rather than plastic, instead of purchasing bottled water.
> Recycle your plastic badge holder in the recycling bins marked “Badge Holders,” located throughout the Miami Beach Convention Center.
> Donate gently used or unwanted participant bags, exhibitor items, etc. to local charities.
> Recycle paper, plastic and aluminum products in the receptacles located throughout the Miami Beach Convention Center.
Welcome International Delegates!

The Society of Critical Care Medicine welcomes our critical care partners from around the world. These delegates have joined SCCM in Miami Beach, Florida, USA, to develop friendships, network with multiprofessional critical care colleagues and learn from a world-renowned faculty. SCCM is grateful to those individuals who have traveled a great distance to be here at Congress.

International Pavilion (Booth #740)
The International Pavilion serves as a special gathering place for hundreds of Congress attendees from outside the United States. Located in the Exhibit Hall at booth #740, the International Pavilion grants attendees an opportunity to meet with colleagues from around the world during Exhibit Hall hours.

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Executive Assistant
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Human Resources Manager

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Cash Receipts Administrator
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Frank PETRITIS
Facilities Administrator
Sheryl ROBINSON
Staff Accountant-Budgets and Financial Reporting
Tyquila SIMS
Customer Service Representative
JoAnn WILLIAMS
Customer Service Representative

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Director of Marketing
Rosa HERNANDEZ
Hospital Relations Specialist
Kenneth KLARICH
Hospital Relations Manager
Colleen McNAMARA
Industry Relations Coordinator
Desiree NG
Industry Relations Manager
Julie OSWALD
Marketing Communications Manager
Ewa STANKIEWICZ
Membership Marketing Manager

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Meetings and Conventions Coordinator
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Diane ALBERSON
Manager of Continuing Education
Adair ANDREWS, RN, MATD
Manager of Program Development
Cristina FETILA
Coordinator of Continuing Education
Patricia GLOVER, RN, BSN, MS
Manager of Program Development
Lori HARMON, RRT, MBA
Paragon Critical Care Program Manager
Virginia JOHNSTON
Program Development and Professional Affairs Coordinator
Steven MCELLIN
Manager of Professional Affairs
Gervaise NICKLAS, MS, RN
Manager of Program Development
Syliva QUINTANILLA
Coordinator of Program Development

Publications
Lynn RETFORD
Director of Publications
Mary Ann BRANAGAN
Periodical Publications Manager
Katie BROBST
Managing Editor, Books
Amanda COZZA
Editorial Assistant, Books
Heather HAEKMER
Editorial Assistant, Publications
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Managing Editor, Member Communications
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Managing Editor, Books
Sophie TOSTA
Managing Editor, Journals
Kyleigh VRETROS
Editorial Assistant, Journals

Technology Department
Diane SCOTT
Director of Technology
Jerry BYRNES
Software Architect
Julian CORLACI
eDeveloper
Michael HUERTA
Technology Support Specialist
Laura LEWIS
Manager of Technology
Kirk PALMATIER
Network Administrator
Lysander SNOW
Software Developer
Access
All efforts have been made to make every Congress session and event 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 at the SCCM Registration Desk in the West Food Court Registration Area of the Miami Beach Convention Center.

Badges
Congress badges are required for entrance to all Congress functions and events, including scientific sessions and the Exhibit Hall. To enter a ticketed session or event, you must present your badge as well as the appropriately colored badge band. Lost badges may be replaced at the Registration Desk located in the West Food Court Registration Area of the Miami Beach Convention Center. Please note that a nominal fee may be charged for replacement badges.

SCCM Council members and leaders, Congress Program Planning Committee members and Congress Faculty/Moderators are easily identified by the ribbons affixed to their name badges.

Bag Pick-Up/Coat and Luggage Check
Bag pick-up/coat and luggage check services will be available at the West Food Court Registration Area of the Miami Beach Convention Center. A fee of $2 per checked item will be charged for this service, which is available during Congress registration hours.

Business Center
The Business Center is located in Room A31, found in the third floor walkway of the Miami Beach Convention Center. It offers photocopying services, fax services, office supplies, and FedEx/UPS drop-off service. The Business Center is open during all Congress activities. Major credit cards are accepted for services and purchases.

Emergency Procedures
In the event of an emergency, please follow the instructions given by the Miami Beach Convention Center or locate an SCCM staff member at the Registration Area in the West Food Court Registration Area, at SCCM Central in the Exhibit Hall, or at the SCCM Convention Office in Room C227. For emergencies, use any house phone in the Convention Center and dial 7347 to reach in-house security, which will alert paramedics.

Paramedics are available in the First Aid Center, located in Lobby C at the Miami Beach Convention Center. The First Aid Center is staffed with registered paramedics to ensure the safety and well-being of all Congress participants.

Exhibit Hall Hours
Exhibit Hall C at the Miami Beach Convention Center is open during the following hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUNDAY, JANUARY 10</td>
<td>9:00 A.M. - 3:15 P.M.</td>
</tr>
<tr>
<td>MONDAY, JANUARY 11</td>
<td>9:00 A.M. - 3:15 P.M.</td>
</tr>
<tr>
<td>TUESDAY, JANUARY 12</td>
<td>9:00 A.M. - 3:15 P.M.</td>
</tr>
</tbody>
</table>

Lost and Found
Lost and Found is located in the SCCM Convention Office in Room C227.

Message Board
A message board will be located outside the SCCM Convention Office in Room C227.

No Smoking Policy
In accordance with the Miami Clean Air Act, the Miami Beach Convention Center is a smoke-free environment. Smoking is permitted in designated areas only.

Refreshment Breaks in Exhibit Hall C
Complimentary refreshments will be available during the morning and afternoon breaks in Exhibit Hall C on Sunday, January 10; Monday, January 11; and Tuesday, January 12. These are excellent opportunities for attendees to visit with the exhibitors while enjoying refreshments. Complimentary refreshments also will be available Wednesday morning, January 13, outside Hall D.

Registration
Registration is located in the West Food Court Registration Area of the Miami Beach Convention Center and will be open during the following hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THURSDAY, JANUARY 7</td>
<td>4:00 P.M. - 7:00 P.M.</td>
</tr>
<tr>
<td>FRIDAY, JANUARY 8</td>
<td>6:30 A.M. - 5:30 P.M.</td>
</tr>
<tr>
<td>SATURDAY, JANUARY 9</td>
<td>6:30 A.M. - 5:30 P.M.</td>
</tr>
<tr>
<td>SUNDAY, JANUARY 10</td>
<td>5:30 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>MONDAY, JANUARY 11</td>
<td>7:30 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>TUESDAY, JANUARY 12</td>
<td>7:30 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>WEDNESDAY, JANUARY 13</td>
<td>8:00 A.M. - 12:00 P.M.</td>
</tr>
</tbody>
</table>

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 children under the age of 16 are not permitted in any Congress session at any time. Only registered Congress attendees are allowed entrance to Congress sessions. Children 16 years and younger are required to register for admission to the Exhibit Hall and must be accompanied by an adult at all times. For reasons of insurance liability and safety, strollers and infant carriers are not permitted on the exhibit floor at any time.
Shuttle Bus Service

Shuttle bus service will be provided between the Miami Beach Convention Center and all SCCM hotels. A schedule is posted outside the Convention Center and outside Exhibit Halls C and D.

Society Offices/Exhibits

All locations are in the Miami Beach Convention Center unless otherwise indicated.

<table>
<thead>
<tr>
<th>Location</th>
<th>Location Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAG PICK-UP/COAT AND LUGGAGE CHECK</td>
<td>WEST FOOD COURT REGISTRATION AREA</td>
</tr>
<tr>
<td>BUSINESS CENTER</td>
<td>3RD FLOOR WALKWAY, ROOM A31</td>
</tr>
<tr>
<td>CONTINUING EDUCATION STATIONS*</td>
<td>3RD FLOOR WALKWAY</td>
</tr>
<tr>
<td>CONVENTION OFFICE</td>
<td>ROOM C227</td>
</tr>
<tr>
<td>FIRST AID CENTER</td>
<td>LOBBY C</td>
</tr>
<tr>
<td>INTERNET CAFÉ</td>
<td>3RD FLOOR WALKWAY</td>
</tr>
<tr>
<td>PARAGON QUALITY INITIATIVE</td>
<td>3RD FLOOR WALKWAY</td>
</tr>
<tr>
<td>POSTER EXHIBITS</td>
<td>EXHIBIT HALL B</td>
</tr>
<tr>
<td>REGISTRATION</td>
<td>WEST FOOD COURT REGISTRATION AREA</td>
</tr>
<tr>
<td>SATELLITE BOOKSTORE</td>
<td>3RD FLOOR WALKWAY</td>
</tr>
<tr>
<td>SCCM CENTRAL</td>
<td>EXHIBIT HALL C</td>
</tr>
<tr>
<td>SPEAKER READY ROOM</td>
<td>ROOM C127</td>
</tr>
<tr>
<td>TECHNICAL EXHIBITS</td>
<td>EXHIBIT HALL C</td>
</tr>
<tr>
<td>WIRELESS INTERNET ACCESS</td>
<td>SCCM CENTRAL AND INTERNET CAFÉ</td>
</tr>
</tbody>
</table>

*Complete your evaluations and continuing education applications at the computers located in this area.

Speaker Ready Room

Prior to their sessions, faculty should submit their presentations in Room C127, which will be open during the same hours as Registration.

Special Assistance

Wheelchairs are available for use within the Miami Beach Convention Center at no charge. These may be picked up from the SCCM Convention Office, located in Room C227.

Suggestion Box

Suggestion boxes are available at the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Beach Convention Center and at the SCCM Convention Office in Room C227. Please provide any comments, suggestions or other valuable feedback useful for evaluating the 39th Critical Care Congress. Suggestions may be signed or remain anonymous.

Use of Recording Equipment

No personal photography, audio or video recording is allowed at any Congress session or in the Exhibit Hall at any time.

Wireless Internet Access

Internet access is available from kiosks located in the Internet Café at the end of the 3rd Floor Walkway and at SCCM Central in the Exhibit Hall.
Miami Beach Convention Center: Level 2

- Conventione Office
- Meeting Rooms A201-A209
- Meeting Rooms B210-B218
- Meeting Rooms C219-C228
- Meeting Rooms D229-D241

Miami Beach Convention Center: Level 3

- Satellite Bookstore
- CE Stations
- Paragon QI
- Internet Cafe
Comprehensive Program Topics

**Learning Objectives**

At the conclusion of the 39th Critical Care Congress, participants should be able to:

1. Apply new knowledge and strategies to optimize the care of the critical care patient provided by the multidisciplinary team
2. Examine evidence-based medicine techniques to evaluate and improve patient care
3. Integrate guidelines to measure performance and identify areas for further study and improvement

**Competencies**

The Council of Medical Specialty Societies (CMSS) developed a set of recommendations to assist societies in building programs that include competencies, encourage self-assessment and are designed to close the gap between best and actual practice. SCCM supports recommendations that will promote lifelong learning through continuing education. As a result, SCCM has identified a set of Core Competencies.

Listed after each session, in parentheses, is a letter, A through E, that corresponds to a specific SCCM Core Competency. Also listed after each session is the page number on which the session can be located.

A = Patient- and Family-Centered Care
B = Practice Applications
C = Communications
D = Multiprofessionalism
E = Quality Improvement

**ADMINISTRATION**

- 24-Hour Intensivist Coverage in the ICU: Is It Possible or a Fool's Dream? (B, E) p. 50
- Evidence-Based Practice: How Much Evidence Is Needed? (B, D, E) p. 72
- Money Can’t Buy You Love: Happiness Through Proper Coding and Billing (C) p. 69
- Patient Safety: Harmful or Helpful? (E) p. 60
- Primer for Critical Care Journals: Authors and Reviewers (C) p. 57

**AIRWAY**

- Airway Challenges in the ICU (B, D, E) p. 69
- Early Tracheostomy Is Beneficial: A Pro/Con Debate (B) p. 67

**BASIC SCIENCE**

- Fill ‘er Up: The Cellular Impact of Resuscitation (B) p. 59
- Going “Gene” Fishing? Net or Spear? (B) p. 66
- Navigating the Tollway: Innate Immune Pathways (B) p. 68
- No Flow, No O₂, Reflow, OH-OH! (B) p. 56
- The Microcirculation in Organ Dysfunction (B) p. 61

**CARDIOLOGY**

- Cardiopulmonary Resuscitation: Before, During and After (A, B, C, D, E) p. 61
- Controversies in Cardiovascular Medicine (A, B, D) p. 67
- Go Around or Through: How Do You Want Your Heart Revascularized? (A, B, D) p. 59
- What’s New in the Management of Pulmonary Hypertension? (A, B, D) p. 69

**ETHICS**

- Determining and Respecting Patients’ Goals of Care: Beyond DNR (A, B, D) p. 56
- Donation After Cardiac Death: Issues in the ICU (A, B, C, D, E) p. 72
- Managing Organ Donors in the ICU (A, B, D) p. 52
- The Many Faces of Death (A, B, C, D) p. 64

**ENDOCRINE – RENAL**

- Critical Care Endocrinology: More Than Just a Sweetener (B) p. 58
- Glucose Control in Organ Disease: Moving Beyond the Benefits (A, B) p. 63
- Hitting the (Bio) Mark in Acute Kidney Injury (B) p. 56
- Rage Against the Machine: Non-Dialytic Volume Management (B) p. 64

**GI – NUTRITION**

- Way Beyond the South Beach Diet (A, B, D) p. 71
HEMATOLOGY
- ICU Transfusions (A, B) p. 65
- Massive Transfusion: If What’s New Is Old, Then Is What’s Old, New? p. 71

INFECTIONOUS DISEASE
- Antibiotics: Less Isn’t ALWAYS Better (A, B) p. 60
- Clostridium difficile Colitis (A, B, E) p. 51
- Fungal Infections in the ICU (A, B, D) p. 53
- The Wrath of Staph (A, B) p. 61

LATE-BREAKER
- Update on 2009 Pandemic H1N1 (A, B, C, D, E) p. 64
- Contemporary Epidemiology and Mortality of Patients at Risk of ARDS: USCIITG LIPS Investigators (B) p. 64
- Update: U.S. Critical Illness and Injury Trials Group (B) p. 64

MONITORING – TECHNOLOGY
- Can We Replace the Body? (A, B) p. 61
- Clinical Informatics in the ICU (C, E) p. 56
- Scanning for Medication Error Solutions: Bar Code Technology (C, D, E) p. 58

NEUROSCIENCE
- Get Stoked for Strokes (A, B) p. 51
- Hypothermia for Central Nervous System Injury (A, B) p. 73
- Neuro ICU Patients Should Only Be Managed by Neuro Intensivists: A Pro/Con Debate (B, D) p. 52
- Novel Therapeutics for the Critically Ill Neurological Patient (A, B) p. 70
- Who Needs a Hole in Their Head? (A, B, E) p. 67

NURSING
- SON: Save Our Nurses! (B, C, D) p. 69
- Tackling the Challenges of Advanced Practice Nursing (B) p. 51
- The Bedside Environment: Adapting and Coping (A, B, E) p. 60

PEDIATRICS
- Donation After Cardiac Death in Children Should Be Abolished: A Pro/Con Debate (A, B) p. 67
- Hot Topics in Pediatric Sepsis (A, B, E) p. 51
- Pediatric Brain Injury Potpourri (A, B, E) p. 60
- Pediatric Interactive Cases (B) p. 57
- Pediatric Palliative Care (A, B, D) p. 70
- Pediatric Respiratory Failure: The Final Frontier (B) p. 64
- Quality Is Still Job One in the Pediatric ICU (B, E) p. 62
- Therapeutic Implications of Genomics in Critically Ill Children (B) p. 53
- Update on Congenital Cardiac Disease (B) p. 65
- Work Life, Home Life: The Balancing Act (B, C, D, E) p. 72

PHARMACOLOGY
- Application of Evidence-Based Protocols (B, C, D, E) p. 60
- Don’t Stop the Flow: Respiratory Administration of Medications (A, B, D) p. 68
- Drug Dosing in the Obese: Festivus for the Rest of Us Who Aren’t 70 kg (A, B) p. 73
- Pharmacy Kitchen: Salt, Sugar and Protein (B) p. 50
- Treating Agitation and Delirium: Providing Clarity to an Alphabet Soup of Potential Options (A, B, D) p. 71

RESPIRATORY
- 2010 Transfusion-Related Acute Lung Injury (B) p. 64
- A New Look at Extracorporeal Membrane Oxygenation in Respiratory Failure (B, D, E) p. 62
- Fluid Management in Acute Respiratory Distress Syndrome (B) p. 58
- Making Sense of Modern Modes (B, D) p. 58
- Mechanical Ventilation: Special Situations (B) p. 70
- Update on Mechanical Ventilation (B, E) p. 65
- Ventilator-Associated Pneumonia? Never! New Implications for ICU Practice (B, E) p. 66

SEDATION – PAIN
- Nightmare on ICU Street: Sleep, Delirium and Post-Traumatic Stress Disorder (A, B, D) p. 66
- The Dying Art: Palliative Sedation at End of Life (A, B, D) p. 58
- The Sedative Buffet: Variety Is the Spice of Life (A, B) p. 68

SEPSIS
- International Sepsis Forum: Controversies in Severe Sepsis (A, B, E) p. 63
- Making Sense of the Surviving Sepsis Campaign (A, B, C, D, E) p. 71
- State-of-the-Art Pharmacologic Interventions for Sepsis (A, B) p. 52

TRAUMA – SURGERY
- Bedside ICU Procedures Should Only Be Done by Surgeons: A Pro/Con Debate (B) p. 50
- Lessons Learned from War (A, B) p. 63
- Surgical Manpower: Acute Care Surgery Is the Answer (B) p. 52
- Transplantation in 2010 (A, B, D) p. 57

YEAR IN REVIEW
- Anesthesia (B) p. 61
- Internal Medicine (B) p. 67
- Nursing (B) p. 62
- Pediatrics (B) p. 68
- Pharmacy (B) p. 62
- Surgery (B) p. 60
Obtaining Credit
To obtain your credit, please visit www.sccm.org/2010Congress. Once you have completed the online application and evaluation, you will be able to download and email your CE certificate. Computer stations are available in the third floor walkway. If you have questions, please email congress@sccm.org or call +1 847 827-6869.

Target Audience
This continuing education offering is intended to meet the needs of all those listed below who care for critically ill patients:
- Advanced Practice Nurses
- Anesthesiologists
- Clinical Pharmacists
- Educators
- Emergency Department Physicians
- Family Practice Physicians
- ICU Medical Directors
- ICU Nurse Managers
- In-Training
- Internists
- Neurosurgeons
- Neurologists
- Nurses, Adult and Pediatric
- Physicians
- Physician Assistants
- Respiratory Care Practitioners
- Research Scientists
- Trauma Surgeons
- Other Critical Care Practitioners

Learning Objectives
At the conclusion of the 39th Critical Care Congress, participants should be able to:
1. Apply new knowledge and strategies to optimize the care of the critical care patient provided by the multidisciplinary team
2. Examine evidence-based medicine techniques to evaluate and improve patient care
3. Integrate guidelines to measure performance and identify areas for further study and improvement

Type of Activity
This activity was developed as a comprehensive update in critical care clinical practice and basic science research. Overall, it will focus on increasing knowledge-based content and in some sessions will focus on applying that knowledge to practice.

Competencies
SCCM supports recommendations that will promote lifelong learning through continuing education. SCCM promotes activities that encourage the highest quality in education that will enhance knowledge, competence or performance in critical care practice. This activity will meet the following:
- Patient- and Family-Centered Care
- Practice Applications
- Communication
- Multiprofessionalism
- Quality Improvement

Nurses
This program has been approved by the California Board of Registered Nursing, Provider No. 8181, for a maximum number of hours, as listed below:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Congress (Concurrent Sessions)</td>
<td>24 contact</td>
</tr>
<tr>
<td>Adult Critical Care Refresher Course</td>
<td>15 contact</td>
</tr>
<tr>
<td>Current Concepts in Pediatric Critical Care Course</td>
<td>15 contact</td>
</tr>
<tr>
<td>Fundamental Disaster Management Course</td>
<td>9 contact</td>
</tr>
<tr>
<td>Pediatric Fundamental Critical Care Support Course</td>
<td>15.25 contact</td>
</tr>
<tr>
<td>Fundamental Critical Care Support Instructor Course</td>
<td>8.25 contact</td>
</tr>
<tr>
<td>Postgraduate Review Courses</td>
<td>7.5 contact</td>
</tr>
</tbody>
</table>

Osteopaths
Complete the Osteopath category 1-B Form, which is available online at www.sccm.org/2010Congress, to apply for credit individually.

Physicians/Physician Assistants
Accreditation Statement: SCCM is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Designation Statement: SCCM designates this educational activity for a maximum ofAMA PRA Category 1 Credits™, as listed below. Physicians should only claim credit commensurate with the extent of their participation in the activity.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Credits</th>
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</tr>
<tr>
<td>Postgraduate Review Courses</td>
<td>7.5 credits</td>
</tr>
</tbody>
</table>

Respiratory Therapists
The American Association for Respiratory Care has approved this educational activity for a maximum of CRCE credits, as listed below:

<table>
<thead>
<tr>
<th>Activity</th>
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<tbody>
<tr>
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<td>8.25 credits</td>
</tr>
<tr>
<td>Postgraduate Review Courses</td>
<td>7.5 credits</td>
</tr>
</tbody>
</table>
Pharmacists

SCCM is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Pharmacists need to complete an online Congress verification form and identify all sessions they attended. Upon submitting the verification form to SCCM, a statement of credit can be printed by each pharmacist. The 39th Critical Care Congress will provide the following contact hours of continuing education:

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>236-000-10-01-L04-P</td>
<td>Adult Critical Care Refresher</td>
<td>15</td>
</tr>
<tr>
<td>236-000-10-02-L04-P</td>
<td>Current Concepts in Pediatric Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>236-000-10-03-L04-P</td>
<td>Managing Pharmacotherapeutic Challenges: Learning Through Simulation</td>
<td>3.75</td>
</tr>
<tr>
<td>236-000-10-04-L04-P</td>
<td>Neurocritical Care: What Every Intensivist Needs to Know</td>
<td>7.5</td>
</tr>
<tr>
<td>236-000-10-05-L04-P</td>
<td>Bedside Procedures</td>
<td>7.5</td>
</tr>
<tr>
<td>236-000-10-06-L04-P</td>
<td>Pediatric Fundamental Critical Care Support Course</td>
<td>15.25</td>
</tr>
<tr>
<td>236-000-10-07-L01-P</td>
<td>Intensivists as Educators: Developing an Educational Program and Surviving the Accreditation Process</td>
<td>7.5</td>
</tr>
<tr>
<td>236-000-10-08-L01-P</td>
<td>Renal Replacement Therapy for Intensivists</td>
<td>7.5</td>
</tr>
<tr>
<td>236-000-10-09-L04-P</td>
<td>Commit – Transform – Improve: Critical Care Quality Tools and Techniques</td>
<td>7.5</td>
</tr>
<tr>
<td>236-000-10-10-L01-P</td>
<td>Fundamental Disaster Management</td>
<td>9</td>
</tr>
<tr>
<td>236-000-10-11-L01-P</td>
<td>Fundamental Critical Care Support Instructor Course</td>
<td>8.25</td>
</tr>
<tr>
<td>236-000-10-12-L01-P</td>
<td>Plenary and Opening Remarks: National Priorities and Goals for Transforming Healthcare</td>
<td>1.5</td>
</tr>
<tr>
<td>236-000-10-13-L01-P</td>
<td>Bedside ICU Procedures Should Only Be Done By Surgeons</td>
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<tr>
<td>236-000-10-14-L01-P</td>
<td>Pharmacy Kitchen: Salt, Sugar and Protein</td>
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</tr>
<tr>
<td>236-000-10-15-L01-P</td>
<td>24-Hour Intensivist Coverage in the ICU: Is it Possible or a Fool’s Dream?</td>
<td>2</td>
</tr>
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</table>
Continuing Education Credit

The Society of Critical Care Medicine (SCCM) fully supports and adopts the ACCME Standards for Commercial Support of Continuing Medical Education. ACCME standards for continuing medical education (CME) include a comprehensive set of guidelines that provide a framework for the development, implementation, and evaluation of CME programs. These standards are designed to ensure that the content of CME programs is reliable, valid, and clinically relevant.

Policy on Appropriate Use of Commercial Support

The Society of Critical Care Medicine (SCCM) fully supports and adopts the ACCME Standards for Commercial Support of Continuing Medical Education. ACCME standards for continuing medical education (CME) include a comprehensive set of guidelines that provide a framework for the development, implementation, and evaluation of CME programs. These standards are designed to ensure that the content of CME programs is reliable, valid, and clinically relevant.

ACPE NUMBER | TITLE | CONTACT HOURS
--- | --- | ---
236-000-10-64-L01-P | Glucose Control in Organ Disease: Moving Beyond the Benefits | 2
236-000-10-65-L01-P | International Sepsis Forum: Debates, Controversies in Severe Sepsis | 2
236-000-10-66-L04-P | Lessons Learned from War | 2
236-000-10-67-L04-P | The Many Faces of Death | 2
236-000-10-68-L04-P | 2010 Transfusion-Related Acute Lung Injury | 1
236-000-10-69-L04-P | Late-Breaker | 2
236-000-10-70-L04-P | Rage Against the Machine: Non-Dialytic Volume Management | 2
236-000-10-71-L01-P | Update on Congential Cardiac Disease | 1
236-000-10-72-L01-P | ICU Transfusions | 1
236-000-10-73-L04-P | Plenary: A New Way of Looking at Immunity and Injury | 1
236-000-10-74-L04-P | Nightmare on ICU Street: Sleep, Delirium and Post-Traumatic Stress Disorder | 1
236-000-10-75-L04-P | Going (Gene) Fishing? Net or Spear? | 1
236-000-10-76-L04-P | 2010: The Ghost of the Past Ten Years | 1
236-000-10-77-L04-P | Year in Review: Internal Medicine | 1
236-000-10-78-L04-P | Donation After Cardiac Death in Children Should Be Abolished | 1
236-999-10-131-L01-P | Joint SCCM/ESICM Session | 1
236-000-10-79-L01-P | Controversies in Cardiovascular Medicine | 1
236-000-10-80-L01-P | Who Needs a Hole in Their Head? | 1
236-000-10-81-L01-P | The Sedative Buffet: Variety Is the Spice of Life | 1
236-000-10-82-L04-P | Navigating the Tollway: Innate Immune Pathways | 1
236-000-10-83-L01-P | Don’t Stop the Flow: Respiratory Administration of Medication | 1
236-000-10-84-L04-P | Year in Review: Pediatrics | 1
236-000-10-85-L04-P | Money Can’t Buy You Love: Happiness Through Proper Coding and Billing | 1
236-000-10-86-L01-P | What’s New in the Management of Pulmonary Hypertension? | 1
236-000-10-87-L04-P | SON: Save Our Nurses! | 1
236-000-10-88-L04-P | Plenary: The Globalization of Healthcare and Its Impact on the ICU Setting | 1
236-000-10-89-L01-P | Making Sense of the Surviving Sepsis Campaign | 2
236-000-10-90-L04-P | Massive Transfusion: If What’s New Is Old, Then Is What’s Old, New? | 2
236-000-10-91-L01-P | Way Beyond the South Beach Diet | 2
236-000-10-92-L04-P | Pediatric Palliative Care | 1
236-000-10-93-L04-P | Evidence-Based Practice: How Much Evidence Is Needed? | 2
236-000-10-94-L04-P | Donation After Cardiac Death: Issues in the ICU | 2
236-000-10-95-L01-P | Novel Therapeutics for the Critically Ill Neurological Patient | 1
236-000-10-96-L01-P | Treating Agitation and Delirium | 1
236-000-10-97-L04-P | Work Life, Home Life: The Balancing Act | 1
236-000-10-98-L01-P | Hypothermia for Central Nervous System Injury | 1
236-000-10-99-L04-P | Drug Dosing in the Obese ICU Patient | 1
236-000-10-100-L01-P | Delirium Should “Never” Occur? But If It Does... | 1.5
236-000-10-101-L01-P | Evidence-Based Nutritional Guidelines in 2010 | 1.5
236-999-10-102-L01-P | The Science and Medicine of Sepsis Management | 1.5
236-999-10-103-L01-P | Severe Blood Pressure Elevations in the ICU | 1.5
236-999-10-104-L01-P | Addressing the MRSA Crisis: A Paradigm Shift Beyond Vancomycin in the ICU | 1.5

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Pgs. 61, 65

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Pgs. 49, 54, 66, 68, 71

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Pg. 47
## Friday, January 8

### 7:00 A.M. - 8:00 A.M.

**Continental Breakfast**  
Continental breakfast is available for all registered Congress attendees outside each room prior to the session.

### 8:00 A.M. - 4:30 P.M.  ROOM A205

**PRE-CONGRESS EDUCATIONAL SESSION**

**Pediatric Fundamental Critical Care Support - Day 1**  
(see page 43 for Day 2)

**Moderator: Karl SERRAO**

**LEARNING OBJECTIVES**
- Prioritize assessment needs for the critically ill or injured infant and child
- Select appropriate diagnostic tests
- Identify and respond to significant changes in the unstable pediatric patient
- Recognize and initiate management of acute, life-threatening conditions
- Determine the need for expert consultation and patient transfer and prepare the practitioner for a transfer

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. - 8:15 a.m.</td>
<td>Welcome and Introduction</td>
<td>Karl SERRAO</td>
</tr>
<tr>
<td>8:15 a.m. - 9:00 a.m.</td>
<td>Diagnosis and Management of Respiratory Failure</td>
<td>Gregory BOTZ</td>
</tr>
</tbody>
</table>
| 9:00 a.m. - 11:45 a.m. | Skill Stations:  
  • Respiratory Evaluation  
  • Ventilation I  
  • Cardiovascular Evaluation and Management of Shock       | Mohan MYDUR        |
| 11:45 a.m. - 12:30 p.m. | Lunch — Exhibit Hall B                                                                           |                     |
| 12:30 p.m. - 1:15 p.m. | Lunch — Exhibit Hall B                                                                           |                     |
| 1:15 p.m. - 3:15 p.m. | Skill Stations:  
  • Ventilation II  
  • Cardiovascular Evaluation and Management of Shock       |                     |
| 3:15 p.m. - 3:30 p.m. | Break                                                                                           |                     |
| 3:30 p.m. - 4:15 p.m. | Fluids and Electrolytes                                                                           | Rodrigo MEJIA      |
| 4:15 p.m. - 4:30 p.m. | Review                                                                            | Karl SERRAO        |

### 8:00 A.M. - 5:00 P.M.  ROOM A105

**PRE-CONGRESS EDUCATIONAL SESSION**

**Adult Refresher Course - Day 1**  
(see page 47 for Day 2)

**Moderator: Ian C. GILCHRIST**

**LEARNING OBJECTIVES**
- Review diagnostic and treatment options in the management of critical illness
- Examine patient safety and quality improvement initiatives in the ICU

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. - 8:45 a.m.</td>
<td>Noninvasive Ventilation in the ICU</td>
<td>Erik GARPESTAD</td>
</tr>
<tr>
<td>8:45 a.m. - 9:30 a.m.</td>
<td>The Delirious ICU Patient</td>
<td>Timothy D. GIRARD</td>
</tr>
<tr>
<td>9:30 a.m. - 10:15 a.m.</td>
<td>Quality and Performance Improvement in the ICU</td>
<td>Antoinette SPEVETZ</td>
</tr>
<tr>
<td>10:15 a.m. - 10:30 a.m.</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 a.m. - 11:15 a.m.</td>
<td>Blood Products and Outcomes</td>
<td>Thomas DELOUGHERY</td>
</tr>
<tr>
<td>12:00 p.m. - 1:00 p.m.</td>
<td>Lunch — Exhibit Hall B</td>
<td></td>
</tr>
<tr>
<td>1:00 p.m. - 1:45 p.m.</td>
<td>Neurologic Complications of Sepsis</td>
<td>Thomas P. BLECK</td>
</tr>
<tr>
<td>1:45 p.m. - 2:30 p.m.</td>
<td>Tropical Illness in the ICU</td>
<td>Jorge Luis HIDALGO</td>
</tr>
<tr>
<td>2:30 p.m. - 3:15 p.m.</td>
<td>Confessions of a Guidelines Writer</td>
<td>Gilles L. FRASER</td>
</tr>
<tr>
<td>3:15 p.m. - 3:30 p.m.</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 p.m. - 4:15 p.m.</td>
<td>Issues with the Morbidly Obese Patient in the ICU</td>
<td>Louis BRUSCO Jr.</td>
</tr>
<tr>
<td>4:15 p.m. - 5:00 p.m.</td>
<td>Critical Endocrinology</td>
<td>Zachariah THOMAS</td>
</tr>
</tbody>
</table>
Schedule of Events

$ = Additional charge to attend  T = Ticketed session

8:00 A.M. - 5:00 P.M.  ROOM B118

* PRE-CONGRESS EDUCATIONAL SESSION $ T

Current Concepts in Pediatric Critical Care - Day 1
(see page 47 for Day 2)

Moderators: Mark E. ROWIN, Philip C. SPINELLA

LEARNING OBJECTIVES
• Evaluate disease processes and an effective goal-directed approach to critical care management
• Discuss clinical areas of controversy through an evidence-based decision-making process
• Review the applicability and pitfalls of various goal-directed therapies to improve the outcomes of critically ill and injured children

8:00 a.m. - 8:45 a.m.
> New Pediatric ICU Technologies
  Philip C. SPINELLA

8:45 a.m. - 9:30 a.m.
> Pediatric Non-Accidental Trauma
  Gregory A. TALBOTT

9:30 a.m. - 10:15 a.m.
> Biomarkers of Traumatic Brain Injury
  Rachel BERGER

10:15 a.m. - 10:30 a.m.
> Break

Continued ↑

Current Concepts in Pediatric Critical Care - Day 1, Continued

10:30 a.m. - 11:15 a.m.
> Glycemic Control in the Pediatric ICU
  Mark R. RIGBY

11:15 a.m. - 12:00 p.m.
> Nutrition in the Pediatric ICU
  Natalie Z. CVIJANOVIĆ

12:00 p.m. - 1:00 p.m.
> Lunch — Exhibit Hall B

1:00 p.m. - 1:45 p.m.
> Pediatric Thermal and Dermatological Injuries
  Tracy Karen KOOGLER

1:45 p.m. - 2:30 p.m.
> Sedation Weaning Protocols in the Pediatric ICU
  Madelyn D. KAHANA

2:30 p.m. - 3:15 p.m.
> Pediatric Brain Death Update
  Thomas A. NAKAGAWA

3:15 p.m. - 3:30 p.m.
> Break

3:30 p.m. - 4:15 p.m.
> The Problem of Futility in the Pediatric ICU
  Robert D. TRUOG

4:15 p.m. - 5:00 p.m.
> Dealing with Difficult Families and Patients
  Robert K. PRETZLAF
Schedule of Events

**8:00 A.M. - 6:00 P.M.  ROOM B214**

**PRE-Congress Educational Session**

### Fundamental Disaster Management

**Moderator: Dana A. BRANER**

#### LEARNING OBJECTIVES
- Recognize the core disaster incident management structure and functions and describe how the critical care response is coordinated and interfaces with incident management.
- List the types of events most likely to require a critical care response and describe the anticipated needs of the affected people.
- Describe the guiding principles for triage and allocation of scarce critical care resources during an emergency.
- List the major emergency changes during a mass casualty event that may optimize augmentation of critical care capacity.
- Demonstrate the ability to operate alternative positive pressure ventilation equipment.
- Recognize the emergency situations that require use of personal protective equipment and environmental controls while caring for critically ill and injured victims.

8:00 a.m. - 8:20 a.m.
> Introduction

8:20 a.m. - 8:50 a.m.
> ICU Microcosm within Disaster Medical Response
  Edgar JIMENEZ

8:50 a.m. - 9:20 a.m.
> Augmenting Critical Care Capacity During a Disaster
  Lewis A. RUBINSON

9:20 a.m. - 9:50 a.m.
> Mass-Casualty Burn Care and Critical Care Management of Conventional Explosions
  TBD

9:50 a.m. - 10:05 a.m.
> Break

**Continued ▶**

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### Fundamental Disaster Management, continued

10:05 a.m. - 10:35 a.m.
> Critical Care Response to Natural Disasters and Mass-Casualty Crush Syndrome
  Randy S. WAX

10:35 a.m. - 11:20 a.m.
> Critical Care During Epidemics
  Elizabeth Lee DAUGHERTY

11:20 a.m. - 11:45 a.m.
> Critical Care Management of Chemical Exposures
  James A. GEILING

11:45 a.m. - 12:30 p.m.
> Lunch — Exhibit Hall B

12:30 p.m. - 12:55 p.m.
> Critical Care Management of Radiological Exposures
  J. Christopher FARMER

12:55 p.m. - 1:25 p.m.
> Special Populations: Caring for Critically and Chronically Ill Children and Adults
  Dana A. BRANER, Suzanne M. BURNS

1:25 p.m. - 1:55 p.m.
> Sustained Mechanical Ventilation Outside Traditional ICUs
  Elizabeth Lee DAUGHERTY

1:55 p.m. - 2:25 p.m.
> Disaster Triage and Allocation of Scarce Critical Care Resources
  Michael D. CHRISTIAN

2:25 p.m. - 4:30 p.m.
> Hands-On Training

4:30 p.m. - 5:00 p.m.
> Post-Test and Course Evaluation

5:00 p.m. - 6:00 p.m.
> Instructor Curriculum
  Dana A. BRANER, James A. GEILING, Randy S. WAX
Saturday, January 9

7:00 A.M. - 8:00 A.M.
Continental Breakfast
Continental breakfast is available for all registered Congress attendees outside each room prior to the session.

7:30 A.M. - 4:30 P.M.  ROOM A205

• PRE-CONGRESS EDUCATIONAL SESSION $ T

Pediatric Fundamental Critical Care Support - Day 2
(see page 40 for Day 1)
Moderator: Karl SERRAO

LEARNING OBJECTIVES
• Prioritize assessment needs for the critically ill or injured infant and child
• Select appropriate diagnostic tests
• Identify and respond to significant changes in the unstable pediatric patient
• Recognize and initiate management of acute, life-threatening conditions
• Determine the need for expert consultation and patient transfer and prepare the patient for transfer

7:30 a.m. - 8:15 a.m. >
Neurologic Emergencies
Edward E. CONWAY Jr.

8:15 A.M. - 9:00 a.m. >
Sedation, Analgesia, Neuromuscular Blockade, and Pharmacologic Management
Michele PAPO

9:00 a.m. - 9:30 a.m. >
Postoperative Care
Karl SERRAO

9:30 a.m. - 10:45 a.m. >
Break

9:45 a.m. - 10:45 a.m. >
Skill Station
• Sedation, Neuromuscular Blockade and Perioperative Management

10:45 a.m. - 11:30 a.m. >
Transport of the Critically Ill Child
Maureen MADDEN

11:30 a.m. - 12:30 p.m. >
Skill Station
• Transport of the Critically Ill Child

12:30 p.m. - 1:15 p.m. >
Lunch — Exhibit Hall B

1:15 p.m. - 1:45 p.m. >
Instructor Curriculum
Edward E. CONWAY Jr., Karl SERRAO

1:45 p.m. - 2:45 p.m. >
Skill Station
• Invasive Device Evaluation and Potential Complications

Continued ➔

Pediatric Fundamental Critical Care Support - Day 2, cont’d

2:45 p.m. - 3:00 p.m. >
Break

3:00 p.m. - 3:30 p.m. >
Review
Karl SERRAO

3:30 p.m. - 4:30 p.m. >
Post-Test and Course Evaluation

8:00 A.M. - 12:00 P.M.  ROOM D130

• POSTGRADUATE COURSE $ T
• HALF-DAY COURSE

Managing Pharmacotherapeutic Challenges: Learning Through Simulation
Moderators: Sandra L. KANE-GILL, Amy L. SEYBERT

Supported, in part, by a medical education grant from The Medicines Company

LEARNING OBJECTIVES
• List current simulation training and research initiatives in patient care and medication safety
• Describe the application of simulation-based teaching in the development of skills related to safe medication use
• Discuss new pharmacotherapeutic agents for hypertensive emergencies
• Discuss the advances in the treatment of the agitated patient

8:00 a.m. - 8:30 a.m. >
Overview of Human Patient Simulation
Amy L. SEYBERT

8:30 a.m. - 8:50 a.m. >
Using Simulation to Improve Patient Safety
Sandra L. KANE-GILL

8:50 a.m. - 9:30 a.m. >
Simulation Case Study: Patient Safety
Sandra L. KANE-GILL

9:30 a.m. - 9:40 a.m. >
Break

9:40 a.m. - 10:00 a.m. >
Simulation Case Study: Advances in the Treatment of Hypertensive Emergencies
Joseph F. DASTA

10:00 a.m. - 10:45 a.m. >
Simulation Case Study: Hypertension Emergency
Joseph F. DASTA

10:45 a.m. - 11:15 a.m. >
Simulation Case Study: Advances in the Treatment of an Agitated Patient
Gilles L. FRASER

11:15 a.m. - 12:00 p.m. >
Simulation Case Study: The Agitated and Delirious Patient
Gilles L. FRASER
Schedule of Events

8:00 AM. - 5:00 P.M.  ROOM D131

POSTGRADUATE COURSE  🟣  TICKETED SESSION

Commit • Transform • Improve: Critical Care Quality Tools and Techniques

Moderators:
Michael D. HOWELL, Diane BYRUM

LEARNING OBJECTIVES
• Cite four important reasons why teamwork and communication provide safer care in the ICU
• Discuss utilization of process and outcome measures in quality improvement
• Translate how Toyota Lean and other quality improvement techniques can be used to improve ICU care
• Articulate the pros and cons of implementing multiprofessional rounds in the critical care setting
• Summarize strategies to improve compliance with the Surviving Sepsis Campaign bundles
• Evaluate strategies that can be used to prevent adverse drug events in the ICU
• Describe why sustained change requires changes in systems, not people

ALL SESSIONS WILL BE HELD AT THE MIAMI BEACH CONVENTION CENTER UNLESS OTHERWISE NOTED.

8:00 a.m. - 8:15 a.m.
INTRODUCTION

8:15 a.m. - 8:55 a.m.
The Critical Importance of Effective Teamwork and Communication in Providing Safe Care
William A. BROCK

8:55 a.m. - 9:35 a.m.
Shocking Sepsis Bundle Success at Lakeland Regional Medical Center: A Paragon Case Study
Dean P. SANDIFER

9:35 a.m. - 9:50 a.m.
BREAK

9:50 a.m. - 10:30 a.m.
Introduction to Toyota Lean in the Healthcare environment
Ivor S. DOUGLAS

10:30 a.m. - 11:30 a.m.
Selecting a Process Measure Versus an Outcome Measure in the ICU
Sean R. TOWNSEND

11:30 a.m. - 11:50 a.m.
Practical, Easy-to-Use Tools for Performance Improvement
Richard J. WALL

11:50 a.m. - 12:00 p.m.
Questions and Answers

12:00 p.m. - 1:00 p.m.
LUNCH — EXHIBIT HALL B

1:00 p.m. - 1:40 p.m.
Pro/Con: Daily Multiprofessional Rounding in the ICU
Diane BYRUM, Dean P. SANDIFER

1:40 p.m. - 2:20 p.m.
Using Statistical Process Measures in the ICU
Sean R. TOWNSEND

2:20 p.m. - 3:00 p.m.
Establishing Effective Systems to Prevent ICU Adverse Drug Events
Sandra L. KANE-GILL

Continued ➪

Commit • Transform • Improve..., continued

3:00 p.m. - 3:15 p.m.
BREAK

3:15 p.m. - 3:55 p.m.
Measuring Family Satisfaction in the ICU: Links to Quality, Safety and Communication
Richard J. WALL

3:55 p.m. - 4:35 p.m.
Establishing an Operating System That Sustains Change: Why Aren’t We There, and What Can We Do About It?
Michael D. HOWELL

4:35 p.m. - 5:00 p.m.
QUESTIONS AND ANSWERS

8:00 A.M. - 5:00 P.M.  ROOM D128

POSTGRADUATE COURSE  🟣  TICKETED SESSION

Intensivists as Educators: Developing an Educational Program

Moderator: Samuel A. TISHERMAN

LEARNING OBJECTIVES
• Design an educational curriculum
• Evaluate trainee performance
• Provide appropriate feedback to trainees
• Write a program information form
• Discuss how to prepare for a site visit

8:00 a.m. - 8:45 a.m.
Principles of Adult Learning
Samuel A. TISHERMAN

8:45 a.m. - 9:30 a.m.
Curriculum Development
Lisa M. WEAVIND

9:30 a.m. - 10:15 a.m.
Incorporating Scholarly Activity into Training Programs
Amado X. FREIRE

10:15 a.m. - 10:30 a.m.
BREAK

10:30 a.m. - 11:15 a.m.
Performance Evaluation and Feedback
Paul L. ROGERS

11:15 a.m. - 12:00 p.m.
Small Group Discussions

12:00 p.m. - 1:00 p.m.
LUNCH — EXHIBIT HALL B

1:00 p.m. - 1:45 p.m.
Incorporating Mid-Level Providers into Training Programs
Sherif AFIFI

1:45 p.m. - 2:30 p.m.
Meeting Accreditation Requirements
Sherif AFIFI, Jay E. COATES, Lewis J. KAPLAN, Samuel A. TISHERMAN

Continued ➪
Intensivists as Educators... , continued

3:15 p.m. - 3:30 p.m.
> Break

3:30 p.m. - 4:15 p.m.
> Site Visit Pitfalls
  Lewis J. KAPLAN

4:15 p.m. - 5:00 p.m.
> Mock Site Visit
  Lewis J. KAPLAN

8:00 A.M. - 5:00 P.M.  ROOM C124

• POSTGRADUATE COURSE 🅱️

Neurocritical Care:
What Every Intensivist Needs to Know

Moderators: Paul M. VESPA,
Jose Javier PROVENCIO

LEARNING OBJECTIVES
• Review the fundamentals of critical care for common neurological critical illnesses
• Review special aspects of triage and treatment during neurological emergencies
• Discuss the principles of brain monitoring in comatose patients
• Examine the evidence-based medicine and controversies surrounding neurological critical illness

8:00 a.m. - 8:45 a.m.
> Telemedicine, Triage and Rescue in Neurologic Emergencies
  Paul M. VESPA

8:45 a.m. - 9:30 a.m.
> Hypothermia After Cardiac Arrest
  Stephan A. MAYER

9:30 a.m. - 10:15 a.m.
> Intensive Care for Brain Trauma: What’s New?
  William M. COPLIN

10:15 a.m. - 10:30 a.m.
> Break

10:30 a.m. - 11:15 a.m.
> Controversies in Treating Meningitis and Encephalitis
  Barnett NATHAN

11:15 a.m. - 12:00 p.m.
> Monitoring the Comatose Brain: Is Silence Golden?
  Jan CLAASSEN

12:00 p.m. - 1:00 p.m.
> Lunch — Exhibit Hall B

1:00 p.m. - 1:45 p.m.
> Intensive Care for Intracerebral Hemorrhage
  Juan R. CARHUAPOMA

1:45 p.m. - 2:30 p.m.
> Intensive Care for Ischemic Stroke
  Kristine H. O’PHELAN

2:30 p.m. - 3:15 p.m.
> Intensive Care for Subarachnoid Hemorrhage
  David M. GREER

3:15 p.m. - 3:30 p.m.
> Break

3:30 p.m. - 4:15 p.m.
> New Neurocritical Care Disease Entities
  Jose Javier PROVENCIO

4:15 p.m. - 5:00 p.m.
> Controversies in Neurocritical Care
  Carmelo GRAFFAGNINO
8:00 A.M. - 5:00 P.M.  ROOM C125

**POSTGRADUATE COURSE**

**Bedside Procedures**

Moderators: Heidi L. FRANKEL, Alexander B. LEVITOV

**LEARNING OBJECTIVES**
- List the indications/contraindications for the performance of several bedside ICU procedures
- Discuss how to code and generate bills for common ICU bedside procedures
- Explain basic ultrasound physics and principles used to provide image guidance for chest tube and central line insertion

8:00 a.m. - 8:45 a.m.
- Principles of Percutaneous Tracheostomy
  Bennett P. DEBOISBLANC

8:45 a.m. - 9:30 a.m.
- Basic Ultrasound Physics and Instrumentation
  Alexander B. LEVITOV

9:30 a.m. - 10:15 a.m.
- Ultrasound Imaging of the Thorax and Vessels
  Amy SISLEY

10:15 a.m. - 10:30 a.m.
- Break

10:30 a.m. - 11:15 a.m.
- Handheld Sonographic Assessment of Cardiac Function
  Florian FALTER

11:15 a.m. - 12:00 p.m.
- Principles of Percutaneous Gastrostomy: Billing and Coding of the Bedside Procedures
  Babak SARANI

12:00 p.m. - 1:00 p.m.
- Lunch — Exhibit Hall B

1:00 p.m. - 1:45 p.m.
- Station 1A: Percutaneous Dilatational Tracheostomy
  Bennett P. DEBOISBLANC
- Station 1B: Percutaneous Endoscopic Gastrostomy
  Babak SARANI

1:45 pm - 2:30 pm
- Station 2A: Handheld Sonographic Assessment of Cardiac Function (ECHO)
  Yanick BEAULIEU
- Station 2B: Handheld Sonographic Assessment of Cardiac Function (ECHO)
  Florian FALTER
- Station 2C: Handheld Sonographic Assessment of Cardiac Function (ECHO)
  TBD

2:30 pm - 3:15 pm
- Station 3A: Ultrasound-Guided Central Line Insertion
  Alexander B. LEVITOV
- Station 3B: Ultrasound-Guided Central Line Insertion
  Eugene Y. CHENG

3:15 pm - 3:30 pm
- Break

3:30 pm - 4:15 pm
- Station 4A: Ultrasound-Guided Thoracentesis
  Amy SISLEY
- Station 4B: Insertion of Drainage Catheters
  Mark D. CIPOILLE

8:00 A.M. - 5:00 P.M.  ROOM C126

**POSTGRADUATE COURSE**

**Contemporary Approaches to Mechanical Ventilation**

Moderators: Robert M. KACMAREK, Dean R. HESS

**LEARNING OBJECTIVES**
- Explain ventilator mechanics
- Discuss the obstacles and options for mechanical ventilation in trauma and neurological patients
- Review the indications, contraindications and benefits with the various modes of ventilatory support
- Describe pressure and volume ventilation based on the equation of motion
- Practice machine settings and hands-on skills in a workshop setting
- Manage acute lung injury (ALI) and acute respiratory distress syndrome (ARDS)

8:00 a.m. - 8:30 a.m.
- Management of ALI/ARDS
  Robert M. KACMAREK

8:30 a.m. - 9:00 a.m.
- Chronic Obstructive Pulmonary Disease Exacerbation
  Neil R. MacINTYRE

9:00 a.m. - 9:30 a.m.
- Patients with Head Trauma
  Steven A. DEEM

9:30 a.m. - 10:00 a.m.
- Break

10:00 a.m. - 10:30 a.m.
- Neuromuscular and Neurologic Disease
  Dean R. HESS

10:30 a.m. - 11:00 a.m.
- Ventilation in a Disaster
  Richard D. BRANSON

11:00 a.m. - 11:30 a.m.
- Postoperative Respiratory Failure
  John DAVIES

11:30 a.m. - 12:00 p.m.
- Long-Term Ventilation in a Long-Term Acute Care Facility
  Alexander C. WHITE

12:00 p.m. - 1:00 p.m.
- Lunch — Exhibit Hall B

1:00 p.m. - 1:30 p.m.
- Mechanical Ventilation in the Home
  Nicholas S. HILL

1:30 p.m. - 4:30 p.m.
- Hands-On Workshops
  - Ventilator Mechanics
  - Patient-Ventilator Synchrony
  - Noninvasive Ventilation
  - High-Frequency Ventilation

4:30 p.m. - 5:00 p.m.
- Questions and Answers
Schedule of Events

8:00 A.M. - 5:00 P.M.  ROOM A105

**Adult Refresher Course - Day 2**
(see page 40 for Day 1)

**Moderator: Ian C. GILCHRIST**

**LEARNING OBJECTIVES**
- Review diagnostic and treatment options in the management of critical illness
- Examine patient safety and quality improvement initiatives in the ICU

8:00 a.m. - 8:45 a.m.
> Emerging Infections
  Henry MASUR

8:45 a.m. - 9:30 a.m.
> Pulmonary Hypertension and Right Heart Failure: Pathophysiology and Management
  Steven M. HOLLENBERG

9:30 a.m. - 10:15 a.m.
> Acute Management of Stroke
  Thomas P. BLECK

10:15 a.m. - 10:30 a.m.
> Break

10:30 a.m. - 11:15 a.m.
> Integration of Acute Myocardial Infarction Care and Hypothermia in Out-of-Hospital Cardiac Arrest Survivors
  Ian C. GILCHRIST

11:15 a.m. - 12:00 p.m.
> “Never” Events
  Christina G. REHM

12:00 p.m. - 1:00 p.m.
> Lunch — Exhibit Hall B

1:00 p.m. - 1:45 p.m.
> Pancreatitis
  Pamela A. LIPSETT

1:45 p.m. - 2:30 p.m.
> Team Concept in the Battlefield
  J. Christopher FARMER

2:30 p.m. - 3:15 p.m.
> Congenital Heart Disease in the ICU
  Anne Marie VALENTE

3:15 p.m. - 3:30 p.m.
> Break

3:30 p.m. - 4:15 p.m.
> Care of the Critically Ill Organ Donor: Donation After Cardiac Death
  Sandrelle A. BLOSSER

4:15 p.m. - 5:00 p.m.
> Legal Obligations in the ICU
  James E. SZALADOS

8:00 A.M. - 5:00 P.M.  ROOM B118

**Current Concepts in Pediatric Critical Care - Day 2**
(see page 41 for Day 1)

**Moderators: Mark E. ROWIN, Philip C. SPINELLA**

**LEARNING OBJECTIVES**
- Evaluate disease processes and an effective goal-directed approach to critical care management
- Discuss clinical areas of controversy through an evidence-based decision-making process
- Review the applicability and pitfalls of various goal-directed therapies

8:00 a.m. - 8:45 a.m.
> The Promise and Problems of Noninvasive Ventilation
  Mark E. ROWIN, Patrick J. ROTH

8:45 a.m. - 9:30 a.m.
> Ventilator Weaning Protocols
  Clifford W. BOGUE

9:30 a.m. - 10:15 a.m.
> Future Resuscitation Concepts and Strategies
  Hasan B. ALAM

10:15 a.m. - 10:30 a.m.
> Break

10:30 a.m. - 11:15 a.m.
> Immune Dysfunction in Sepsis
  Mark W. HALL

11:15 a.m. - 12:00 p.m.
> Genetic Susceptibility to Critical Illness in Children
  Christopher L. CARROLL

12:00 p.m. - 1:00 p.m.
> Lunch — Exhibit Hall B

1:00 p.m. - 1:45 p.m.
> Translational Research: From the Bench
  Basilia ZINGARELLI

1:45 p.m. - 2:30 p.m.
> Translational Research: To the Bedside
  Patricia A. ABOUD

2:30 p.m. - 3:15 p.m.
> Cardiomyopathies
  Jeffrey TOWBIN

3:15 p.m. - 3:30 p.m.
> Break

3:30 p.m. - 4:15 p.m.
> Oncologic Emergencies in the ICU
  Rodrigo MEJIA

4:15 p.m. - 5:00 p.m.
> Financial Impact of Pediatric ICUs on the Hospital and Community
  Marc HARRISON
Schedule of Events

= Additional charge to attend  = Ticketed session

8:00 A.M. - 5:30 P.M.  ROOM B214

**PRE-Congress Educational Session**

**Fundamental Critical Care Support Instructor Course**

**Moderator: Marie R. BALDISSERI**

**LEARNING OBJECTIVES**
- Review the basic principles of selected critical care topics
- Discuss teaching techniques for lectures and interactive small group sessions
- Outline policies and procedures for sponsoring a Fundamental Critical Care Support Course

- **8:00 a.m. - 8:15 a.m.**
  > Welcome and Overview
  > Marie R. BALDISSERI

- **8:15 a.m. - 8:45 a.m.**
  > Diagnosis and Management of Acute Respiratory Failure
  > Muhammad JAFFAR

- **8:45 a.m. - 9:15 a.m.**
  > Monitoring Blood Flow, Oxygenation and Acid-Base Balance
  > Pratik P. PANDHARIPANDE

- **9:15 a.m. - 9:45 a.m.**
  > Diagnosis and Management of Shock
  > Mary J. REED

- **9:45 a.m. - 10:15 a.m.**
  > Mechanical Ventilation I
  > Edgar JIMENEZ

- **10:15 a.m. - 10:30 a.m.**
  > Break

- **10:30 a.m. - 11:00 a.m.**
  > Mechanical Ventilation II
  > Edgar JIMENEZ

- **11:00 a.m. - 11:30 a.m.**
  > Neurologic Support
  > Marie R. BALDISSERI

- **11:30 a.m. - 12:00 p.m.**
  > Acute Coronary Syndromes
  > Kent D. BLAD

- **12:00 p.m. - 12:30 p.m.**
  > Basic Trauma and Burn Support
  > Bruce BENNETT

- **12:30 p.m. - 1:30 p.m.**
  > Lunch — Exhibit Hall B

- **1:30 p.m. - 2:00 p.m.**
  > Instructor Agendas and Curriculum
  > Janice L. ZIMMERMAN

- **2:00 p.m. - 4:30 p.m.**
  > Teaching the Skill Stations
    - Noninvasive Positive Pressure Ventilation
    - Mechanical Ventilation A
    - Mechanical Ventilation B
    - Trauma/Burns
    - Airway Skills and Vascular Access

- **4:30 p.m. - 5:30 p.m.**
  > Post-Test and Course Evaluation

Sunday, January 10

**5:30 A.M. - 6:30 A.M.**

**Continental Breakfast**

Continental breakfast is available for all registered sponsored symposia participants outside each room prior to the session.

**6:30 A.M. - 8:00 A.M.**  ROOM C126

**SPONSORED SYMPOSIUM**

**Addressing the MRSA Crisis: A Paradigm Shift Beyond Vancomycin in the ICU**

**Moderator: Thomas File**

Supported by an educational grant from Astellas Pharma US, Inc.

**LEARNING OBJECTIVES**
- Identify the characteristics and pathogenesis of methicillin-resistant Staphylococcus aureus (MRSA) infections in the ICU
- Evaluate how to optimize vancomycin therapy for MRSA infections
- Select an appropriate antimicrobial agent to treat MRSA infections using evidence-based strategies

- **6:30 a.m. - 7:00 a.m.**
  > The MRSA Crisis: Epidemiological Trends in the ICU
  > Thomas FILE

- **7:00 a.m. - 7:30 a.m.**
  > Appropriate Use of Vancomycin for MRSA Infections
  > Michael RYBAK

- **7:30 a.m. - 8:00 a.m.**
  > Strategies for Selection of Anti-MRSA Agents in the Severely Ill
  > Donald E. CRAVEN
SUNDAY. JANUARY 10

6:30 A.M. - 8:00 A.M.  ROOM A205

* SPONSORED SYMPOSIUM

Deliurium Should “Never” Occur: But If It Does . . .

Moderator: John W. DEVLIN

Supported by an educational grant from Hospira

LEARNING OBJECTIVES

• Review the risk factors for delirium
• Discuss the role of dexmedetomidine in the treatment of delirium
• Discuss the role of atypicals in the treatment of delirium

6:30 a.m. - 7:00 a.m.

> Delirium: The Next Proposed “Never” Event: Is this realistic?
   Pratik P. PANDHARIPANDE

7:00 a.m. - 7:30 a.m.

> Haloperidol: The “Go To” Drug: Are Atypicals a Better Option?
   John W. DEVLIN

7:30 a.m. - 8:00 a.m.

> Haloperidol: The “Go To” Drug: Is Dexmedetomidine a Better Option?
   Richard R. RIKER

6:30 A.M. - 8:00 A.M.  ROOM A105

* SPONSORED SYMPOSIUM

Evidence-Based Nutritional Guidelines in 2010

Moderator: Naomi CAHILL

This symposium is supported by a restricted educational grant from Abbott Nutrition, a division of Abbott Laboratories, Inc.

LEARNING OBJECTIVES

• Describe areas within the guidelines supported by strong evidence as well as those with weak evidence
• Describe the characteristics of hospitals that have been successful at guideline implementation
• Discuss future areas of research to strengthen the evidence-based recommendations

6:30 a.m. - 7:00 a.m.

> SCCM/A.S.P.E.N. Nutrition Guidelines: Examination of the Evidence
   Stephen McClave

7:00 a.m. - 7:30 a.m.

   Naomi CAHILL

7:30 a.m. - 8:00 a.m.

> The Future of Nutrition Therapy: Looking into the Crystal Ball
   Paul WISCHMEYER

6:30 A.M. - 8:00 A.M.  ROOM C124

* SPONSORED SYMPOSIUM

The Science and Medicine of Sepsis Management

Moderator: Mitchell P. FINK

Supported by an educational grant from Eisai, Inc.

LEARNING OBJECTIVES

• Describe the prognostic factors that determine clinical outcomes of patients with severe sepsis
• Document the potential pathophysiological and clinical impact of modulating toll-like receptor (TLR) -derived signals in order to mitigate adverse effects of immune responses observed in septic shock syndrome
• Discuss emerging strategies for improving patient care and clinical outcomes for severe sepsis syndrome
• Analyze and evaluate evolving strategies for improving outcomes in sepsis that are focused on suitable targets for interrupting the inflammatory cascade

6:30 a.m. - 7:00 a.m.

> The Immuno-Pathophysiology of the Sepsis Disease State
   H. Shaw WARREN

7:00 a.m. - 7:30 a.m.

> TLRs: Focus on the Role of the TLR-Mediated Signaling System in Sepsis
   Judith HELLMAN

7:30 a.m. - 8:00 a.m.

> Clinical Trials with TLR Antagonists
   Mitchell P. FINK

6:30 A.M. - 8:00 A.M.  ROOM C125

* SPONSORED SYMPOSIUM

Severe Blood Pressure Elevations in the ICU

Moderator: Jerrold H. LEVY

Supported by an educational grant from The Medicines Company

LEARNING OBJECTIVES

• Describe the pathophysiology of acute blood pressure elevations in the ICU setting, and the potential adverse events on target organs
• List optimal strategies for controlling elevated blood pressure and intracranial pressure in the neurocritical care setting
• Compare strategies used in real-world case studies for reducing blood pressure in the ICU

6:30 a.m. - 7:00 a.m.

> Optimizing Management of Acute Blood Pressure Elevations in the Critical Care Setting
   Jerrold H. LEVY

7:00 a.m. - 7:30 a.m.

> Targeting the Safety and Efficacy Zone for Blood Pressure Control in the Neurocritical Care Environment
   Paul M. VESPA

7:30 a.m. - 8:00 a.m.

> Complex and Challenging Cases in Acute Pressure Syndromes
   Faisal N. MASUD
Schedule of Events

All sessions will be held at the Miami Beach Convention Center unless otherwise noted.

8:00 A.M. - 9:30 A.M.  HALL D

• OPENING SESSION

Presidential Address

Judith JACOBI, PharmD, BCPS, FCCM
Critical Care Pharmacy Specialist
Methodist Hospital/Clarian Health
Indianapolis, Indiana, USA

Lifetime Achievement Award and Co-Chairs’ Remarks

PETER SAFAR HONORARY LECTURE

National Priorities and Goals for Transforming Healthcare

Janet M. CORRIGAN, MBA, PhD
President and CEO
National Quality Forum
Washington, DC, USA

LEARNING OBJECTIVES
• Examine the evidence on safety, quality and affordability of healthcare in the United States and the shortcomings in the current healthcare delivery system
• Identify the six National Priorities and Goals and efforts underway to create an environment that will facilitate and reward achievement of these priorities and goals
• Discuss the implications of these National Priorities and Goals for the financing, organization and delivery of healthcare

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

Break

10:30 A.M. - 11:30 A.M.  ROOM A105

• PRO/CON DEBATE

Bedside ICU Procedures Should Only Be Done by Surgeons

Moderator: Heidi L. FRANKEL

LEARNING OBJECTIVE
• Debate the issues surrounding who should be credentialed to perform bedside ICU procedures

10:30 A.M. - 11:00 A.M.
> Pro: Bedside ICU Procedures Should Only Be Done by Surgeons
  Michael A. WEST

11:00 A.M. - 11:30 A.M.
> Con: Bedside ICU Procedures Should Only Be Done by Surgeons
  David W. CRIPPEN

11:30 A.M. - 12:30 P.M.

10:30 A.M. - 12:30 P.M.  ROOM A205

Pharmacy Kitchen: Salt, Sugar and Protein

Moderator: Brian L. ERSTAD

LEARNING OBJECTIVES
• Discuss appropriate uses of iso-oncotic and hyperoncotic albumin solutions
• Compare and contrast the use of isotonic and hypertonic sodium chloride solutions for resuscitation and traumatic brain injury
• Describe possible advantages and disadvantages of starch products compared to albumin.
• Discuss potential uses of IgG in the critically ill patient

10:30 A.M. - 10:50 A.M.
> Hypertonic Saline: Higher Means Better?
  Brian J. KOPP

10:55 A.M. - 11:15 A.M.
> The Graying of Albumin: New Options or Time for Retirement?
  Brian L. ERSTAD

11:20 A.M. - 11:40 A.M.
> Starches: A Rose by Any Other Name?
  Jeremy D. FLYNN

11:45 A.M. - 12:05 P.M.
> Immunoglobulins: Not Quite Ready for Prime Time?
  John PAPADOPoulos

12:10 P.M. - 12:30 P.M.
> Factor Replacement: Treating Numbers with Numbers?
  Asad PATANWALA

10:30 A.M. - 12:30 P.M.  ROOM B214

24-Hour Intensivist Coverage in the ICU: Is It Possible or a Fool’s Dream?

Moderator: Nicholas S. WARD

LEARNING OBJECTIVES
• Examine if 24-hour intensivist coverage in the ICU is realistic
• Critique options and discuss strategies for 24-hour intensivist coverage
• Discuss strategies for 24-hour intensivist coverage

10:30 A.M. - 10:50 A.M.
> The Evidence: Is 24-Hour Intensivist Coverage Beneficial?
  Richard H. SAVEL

10:55 A.M. - 11:15 A.M.
> Technologic Solutions: Telemedicine and Robotics
  Paul M. VESPA

11:20 A.M. - 11:40 A.M.
> Strategies for 24-Hour Coverage in the ICU
  Ogjenc GAJIC

11:45 A.M. - 12:05 P.M.
> Strategies for 24-Hour Coverage in Rural ICUs
  Steven Q. SIMPSON

12:10 P.M. - 12:30 P.M.
> Pediatric Perspective: Why and How Do We Do It?
  Jeffrey P. BURNS
Schedule of Events

Get Stoked for Strokes
Moderator: Edward M. MANNO

**LEARNING OBJECTIVES**
- Review the current approach for the optimal management of the critically ill stroke patient
- Describe novel therapies for the acute stroke patient
- Discuss the proper technique for assessment and management of the patient with acute postoperative stroke

10:30 a.m. - 10:50 a.m.
> Current Approach to Acute Stroke
  Wade S. SMITH
10:50 a.m. - 11:10 a.m.
> Interventional Options for Stroke
  Dileep YAVAGAL
11:10 a.m. - 11:30 a.m.
> Does Anyone Know Why We Choose Blood Pressure Parameters for Stroke Syndromes?
  Michael J. SOUTER

Hot Topics in Pediatric Sepsis
Moderator: Brian R. JACOBS

**LEARNING OBJECTIVES**
- Review American College of Critical Care Medicine clinical practice parameters for hemodynamic support of pediatric and neonatal septic shock
- Identify patients with hemophagocytic lymphohistiocytosis (HLH) in sepsis
- Recognize the increasing incidence of fungal and resistant organisms in the pediatric ICU

10:30 a.m. - 10:50 a.m.
> What Is Killing My Patients in the Pediatric ICU?
  Joseph A. CARCILLO
10:50 a.m. - 11:10 a.m.
> Is HLH Just a Variant of Sepsis?
  Leticia C. CASTILLO
11:10 a.m. - 11:30 a.m.
> Emerging Pathogens in the Pediatric ICU
  Raj ANEJA

Tackling the Challenges of Advanced Practice Nursing
Moderator: Andrea M. KLINE

**LEARNING OBJECTIVES**
- Examine methodologies to document outcomes related advanced practice nursing (APN) practice
- Identify strategies to optimize APN reimbursement and describe APN practice models
- Formulate processes to maximize APN efficiencies within the organizational structure
- Assess orientation models and integration within healthcare settings

10:30 a.m. - 10:50 a.m.
> Demonstrating Competence in APN Practice
  Ruth M. KLEINPELL
10:55 a.m. - 11:15 a.m.
> Models of APN Practice: Private Practice, Academic Practice and Hospital-Based Practice
  Judy T. VERGER
11:20 a.m. - 11:40 a.m.
> Reimbursement of APNs in Critical Care
  Kathy MAGDIC
11:45 a.m. - 12:05 p.m.
> Organizational Structure to Support Nurse Practitioner Practice
  Michael ACKERMAN
12:10 p.m. - 12:30 p.m.
> Orientation Models for APNs
  Mona N. BAHOUTH

Clostridium difficile Colitis
Moderator: Dennis G. MAKI

**LEARNING OBJECTIVES**
- Review spectrum of manifestations of Clostridium difficile colitis
- Review diagnosis and medical management of Clostridium difficile colitis
- Describe criteria for surgical management

10:30 a.m. - 10:50 a.m.
> The Spectrum of Clostridium difficile Colitis: Clinical Presentation and Diagnosis
  Dennis G. MAKI
10:50 a.m. - 11:10 a.m.
> Management of Clostridium difficile Colitis
  John G. BARTLETT
11:10 a.m. - 11:30 a.m.
> Risk Factors for Development of Clostridium difficile Infection: Can We Modify Them?
  Michael D. HOWELL
### Schedule of Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 A.M. - 12:30 P.M.</td>
<td>ROOM D131</td>
<td><strong>Managing Organ Donors in the ICU</strong>&lt;br&gt;<strong>Moderator:</strong> John A. KELLUM&lt;br&gt;&lt;br&gt;&lt;strong&gt;LEARNING OBJECTIVES&lt;/strong&gt;&lt;br&gt;• Identify the role of the intensivist in managing organ donors while preserving the quality of organs for transplantation&lt;br&gt;• Compare the donation differences between neurological and cardiac determination of death&lt;br&gt;• Discuss how protocols optimize functional yield for transplantation&lt;br&gt;• Describe the ethical issues related to brain death versus cardiac death&lt;br&gt;10:30 a.m. - 10:50 a.m.&lt;br&gt;<strong>Brain Dead Organ Donor in the ICU: The Role of the Intensivist</strong>&lt;br&gt;Kenneth E. WOOD&lt;br&gt;10:55 a.m. - 11:15 a.m.&lt;br&gt;<strong>Inflammation in Brain Organ Donors and Its Influence on Recipient Outcomes</strong>&lt;br&gt;Raghavan MURUGAN&lt;br&gt;11:20 a.m. - 11:40 a.m.&lt;br&gt;<strong>Protocolized Resuscitation of the Organ Donors Using Functional Hemodynamic Monitoring</strong>&lt;br&gt;Ali H. AL-KHAFAJI&lt;br&gt;11:45 a.m. - 12:05 p.m.&lt;br&gt;<strong>Optimizing Heart-Lung Yield for Transplantation</strong>&lt;br&gt;Ali SALIM&lt;br&gt;12:10 p.m. - 12:30 p.m.&lt;br&gt;<strong>Ethical Issues in Organ Donation and Managing Donors</strong>&lt;br&gt;David W. CRIPPEN</td>
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<td>10:30 A.M. - 12:30 P.M.</td>
<td>HALL D</td>
<td><strong>State-of-the-Art Pharmacologic Interventions for Sepsis</strong>&lt;br&gt;<strong>Moderator:</strong> Andrew SHORR&lt;br&gt;&lt;br&gt;&lt;strong&gt;LEARNING OBJECTIVES&lt;/strong&gt;&lt;br&gt;• Identify updates on clinical trials with various interventions&lt;br&gt;• Identify the history of successful and unsuccessful interventions&lt;br&gt;• Discuss the future of newer interventions&lt;br&gt;10:30 a.m. - 10:50 a.m.&lt;br&gt;<strong>Anticoagulants for Severe Sepsis: More Than Blood Thinners?</strong>&lt;br&gt;Mark D. WILLIAMS&lt;br&gt;10:55 a.m. - 11:15 a.m.&lt;br&gt;<strong>Steroids, Intravenous Immunoglobulin, Granulocyte-Macrophage Colony-Stimulating Factor</strong>&lt;br&gt;Lisa BURRY&lt;br&gt;11:20 a.m. - 11:40 a.m.&lt;br&gt;<strong>Statins</strong>&lt;br&gt;Marc MERX&lt;br&gt;11:45 a.m. - 12:05 p.m.&lt;br&gt;<strong>Antibiotics: What Are We Trying to Kill These Days?</strong>&lt;br&gt;Andrew SHORR&lt;br&gt;12:10 p.m. - 12:30 p.m.&lt;br&gt;<strong>Signaling Pathways</strong>&lt;br&gt;Edward ABRAHAM</td>
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<td>11:30 A.M. - 12:30 P.M.</td>
<td>ROOM A105</td>
<td><strong>Surgical Manpower: Acute Care Surgery Is the Answer</strong>&lt;br&gt;<strong>Moderator:</strong> Mark CIPOLLE&lt;br&gt;&lt;br&gt;&lt;strong&gt;LEARNING OBJECTIVE&lt;/strong&gt;&lt;br&gt;• Debate the issues surrounding training acute care surgeons and manpower&lt;br&gt;11:30 a.m. - 12:00 p.m.&lt;br&gt;<strong>Pro: Acute Care Surgery Is the Answer</strong>&lt;br&gt;Vicente H. GRACIAS&lt;br&gt;12:00 p.m. - 12:30 p.m.&lt;br&gt;<strong>Con: Acute Care Surgery Is the Answer</strong>&lt;br&gt;Lewis J. KAPLAN</td>
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<td>11:30 A.M. - 12:30 P.M.</td>
<td>ROOM C124</td>
<td><strong>Neuro ICU Patients Should Only Be Managed By Neurological Intensivists</strong>&lt;br&gt;<strong>Moderator:</strong> Richard H. SAVEL&lt;br&gt;&lt;br&gt;&lt;strong&gt;LEARNING OBJECTIVES&lt;/strong&gt;&lt;br&gt;• Discuss the positive and negative aspects of the development of neurocritical care as a separate subspecialty&lt;br&gt;• Discuss the new board certification process in neurocritical care&lt;br&gt;• Define the interface between neurocritical care and critical care&lt;br&gt;11:30 a.m. - 12:00 p.m.&lt;br&gt;<strong>Pro: Neuro ICU Patients Should only Be Managed by Neurological Intensivists</strong>&lt;br&gt;Cherylee W. CHANG&lt;br&gt;12:00 p.m. - 12:30 p.m.&lt;br&gt;<strong>Con: Neuro ICU Patients Should only Be Managed by Neurological Intensivists</strong>&lt;br&gt;Kenneth E. KRELL</td>
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SCHEDULE OF EVENTS

Therapeutic Implications of Genomics in Critically Ill Children

Moderator: Neal J. THOMAS

LEARNING OBJECTIVES
- Understand utilization of genomic profiling for genetic predisposition and outcomes in pediatric intensive care
- Describe therapeutic implications of genomic profiles of critically ill children

11:30 a.m. - 11:50 a.m.
- Single Nucleotide Polymorphisms and Pediatric Critical Illness
  Daniel A. NOTTERMAN

11:50 a.m. - 12:10 p.m.
- Genomic Profile of Pediatric Septic Shock
  Hector R. WONG

12:10 p.m. - 12:30 p.m.
- Genetic Polymorphisms in Congenital Heart Disease
  Rick BARR

Fungal Infections in the ICU

Moderator: Camille N. KOTTON

LEARNING OBJECTIVES
- Compare fungal infections in the surgical and medical ICUs
- Examine the clinical challenges in diagnosis
- Discuss the management and prevention of fungal infections in the ICU

11:30 a.m. - 11:50 a.m.
- Fungal Infections in Surgical and Medical ICU Patients
  Richard H. DREW

11:50 a.m. - 12:10 p.m.
- Diagnosing Fungal Infections in Critically Ill Patients
  Joe L. HSU

12:10 p.m. - 12:30 p.m.
- Antimicrobial Management of Fungal Infections in the ICU
  Camille N. KOTTON

Professor Walk Rounds

Please plan to be at your poster at the start of Professor Walk Rounds when your category is being highlighted. Poster moderators have been split within the category to cover all abstracts and will be starting at various posters throughout each category.

- Research Citation Finalists - Posters 100-129
- Administration - Posters 130-141
- Basic Science: Cell Biology - Posters 142-151
- Clinical Medicine: Burns/Trauma - Posters 152-190
- Basic Science: Cardiovascular - Posters 191-196
- Clinical Medicine: Cardiovascular - Diagnostics - Posters 197-202
- Clinical Medicine: Cardiovascular - Monitoring - Posters 203-234
- Clinical Medicine: Cardiovascular - Therapeutics - Posters 235-244
- Basic Science: Endocrine - Poster 245
- Clinical Medicine: Endocrine - Posters 246-261
- Basic Science: Hepatic - Posters 262-263
- Basic Science: GI/Nutrition - Posters 264-267
- Clinical Medicine: GI/Nutrition - Posters 268-276
- Basic Science: Hematology - Poster 277
- Clinical Medicine: Hematology - Posters 278-288
- Basic Science: Immunology - Posters 289-297
- Clinical Medicine: Immunology - Posters 298-302
- Basic Science: Infection - Poster 303
- Clinical Medicine: Infection - Posters 304-316
- Basic Science: Neurology - Posters 317-320
- Clinical Medicine: Neurology - Diagnostics - Posters 321-327
- Clinical Medicine: Neurology - Monitoring - Posters 328-340
- Clinical Medicine: Neurology - Therapeutics - Posters 341-354
- Basic Science: Pulmonary - Posters 355-365
- Clinical Medicine: Pulmonary - Diagnostics - Posters 366-377
- Clinical Medicine: Pulmonary - Mechanical Ventilation - Posters 378-402
- Clinical Medicine: Pulmonary - Therapeutics - Posters 403-410
- Basic Science: Renal - Posters 411-413
- Clinical Medicine: Renal - Posters 414-425

1:45 p.m. - 2:35 p.m.

- PLENARY SESSION
- WILLIAM C. SHOEMAKER HONORARY LECTURE

History of Extracorporeal Life Support in Critical Care

Robert H. BARTLETT, MD
Professor Emeritus
University of Michigan Health System
Ann Arbor, Michigan, USA

LEARNING OBJECTIVES
- Identify the components of successful translational research
- List the differences between devices for life support and life support research and treatment
- Discuss the current indications and results for extracorporeal life support in cardiac and pulmonary failure
Oral Abstract Sessions
These sessions are based on the top 10% scoring abstracts and highlight top research in a variety of categories. Each abstract will be presented for approximately 15 minutes and will be moderated to facilitate discussions. The numbered abstracts listed below correspond with the abstract listing in the December Critical Care Medicine abstract supplement.

LEARNING OBJECTIVES
- Examine the top 10% evidence-based research findings in basic science and clinical medicine
- Discuss the research data with the principal investigators

Oral Abstract Session - Sepsis and Resuscitation: Basic Science and Clinical Medicine
Moderator: Judith HELLMAN
Moderator: Katherine V. BIAGAS

50: Implications of Laxation in the Critically Ill Patient

51: The Effect of a Computer-Assisted Insulin Infusion Protocol on Glucose Control and Variability in a Surgical Intensive Care Unit

52: Outcomes in Patients with Potentially Fluconazole-Resistant Candida Isolates Treated with Micafungin: Insights from Randomized Trials

53: Higher Vancomycin Trough Concentration (15 mg/L) and Nephrotoxicity

54: Fondaparinux for Prophylaxis in Critically Ill Patients with Renal Failure

55: Protocolized Low Dose Adrenocorticotropin Testing (ACTH) and Steroid Supplementation for Hypotensive Critically Ill Children

56: Relationship Between Intracranial Pressure Monitoring and Outcome in Severe Traumatic Brain Injury Patients

57: Prehospital Dynamic Tissue O2 Saturation Response Predicts In-Hospital Mortality in Trauma Patients

58: Effects of Hydromorphone Versus Fentanyl for Epidural Analgesia and Anesthesia

59: Agmatine Deficiency and Opioid Tolerance in Critically Ill Children

Oral Abstract Session - Clinical Medicine Potpourri
Moderator: Andrew L. ROSENBERG

9: Two-Dimensional Speckle-Tracking Imaging Detects Impaired Myocardial Performance in Children with Septic Shock Not Recognized by Conventional Echocardiography

10: Relationship between Aerosolized Bronchodilators and Ventilator-Associated Pneumonia: a Prospective Cohort Study

11: Predictors of Septic Shock in Patients with Methicillin-Resistant Staphylococcus aureus Bacteremia

12: 2009 H1N1 Influenza and the Innate Immune Response in Critically Ill Children

13: Carotid Artery Cannulation and Risk of Neurologic Injury Following Veno-Arterial ECMO

14: BEST (Burn Center Evaluation of Standard Therapies) Ventilator Mode Study: A Randomized Controlled Trial

15: Chest Radiography After Tracheostomy: Is There a Benefit?

16: Eight-Year Trends of Acute Respiratory Distress Syndrome (ARDS): A Population-Based Study in Olmsted County, Minnesota

Oral Abstract Session - Organ Dysfunction: Basic Science and Clinical Medicine
Moderator: Michael A. WEST
Moderator: Paul WISCHMEYER

43: Inhaled TAK1 siRNA Improves Lung Inflammation and Apoptosis by Reduced Transcriptional Activity of NF-DB and AP-1 in Septic Mice

44: Amphiphilic, Tri-block Copolymers Protect Rat Lungs Against Ventilator-Induced Injury

45: Pulmonary Endothelial Cell Activation During Acute Kidney Injury

46: Upregulated TRPC3 Channel Expression and Function in Vascular Smooth Muscle During Hypertension

47: Temperature Regulation in an Epinephrine-Deficient Mouse Model

48: Sinus Node Dysfunction in Long QT Syndrome: Involvement of HCN Pacemaker Current

49: Lactate Clearance versus Central Venous Oxygen Saturation as Endpoints of Early Sepsis Therapy: A Randomized Clinical Trial

50: Implications of Laxation in the Critically Ill Patient
Schedule of Events

**ROOM C125**

**Oral Abstract Session - Pediatric Epidemiology**

**Moderator: Raj ANEJA**

**Moderator: Bruce M. GREENWALD**

24: Health Insurance Type, Not Race, Affects Children’s Mortality in the Pediatric Intensive Care Unit (PICU)
25: Effect of Sedatives and Analgesia Drugs on the Neurodevelopmental Outcome of Neonates after Cardiac Surgery
26: Acquired Malnutrition in the PICU: Are We Overfeeding the Critically Ill?
27: Children’s Psychological and Behavioral Responses to Hospitalization in a Pediatric Intensive Care Unit
28: Time Series Model to Predict Burden of Viral Respiratory Illness on a Pediatric Intensive Care Unit
29: Impact of Provider Specialty on Pediatric Procedural Sedation Complication Rates
30: Delirium in Critically Ill Children: Validation of the Pediatric CAM-ICU Diagnostic Instrument
31: Recognizing Hypoglycemia in Critically Ill Children Through Automated Adverse Event Detection
32: Association of Pediatric Early Warning System Score with ICU Intervention and Hospital Outcome
33: Influenza A H1N1 in Critically Ill Children in New York City: The First Wave, 2009

**ROOM C126**

**Oral Abstract Session - Administration**

**Moderator: Eric B. MILBRANDT**

**Moderator: David G. JAIMOVICH**

1: A Randomized, Blinded Study to Assess the Effectiveness of Simulation-based Training for U/S-guided Central Venous Access Placement Using Aseptic Technique
2: Enhanced Access to Neurointensivists Through a Telemedicine Program
3: Effect of a Telemedicine Facilitated Program on ICU Length of Stay (LOS) and Financial Performance
4: ICU Admission Time and 24-Hour Mortality
5: Improving Nursing Documentation in Critical Care
6: Analysis of a Pediatric Intensive Care Unit Physician Group to Identify Waste in the Rounding Process and Identify Opportunities for Improvement
7: A Lean Focused Rounding Process in a Pediatric Intensive Care Unit Increases Efficiency, Optimizes Resources, and Improves Satisfaction
8: Increased Documentation of ICD-9-CM Codes 995.92 and 785.52 with Template-oriented Monitoring and Screening by a Tele-ICU

**ROOM D128**

**Oral Abstract Session - Epidemiology**

**Moderator: Christa A. SCHORR**

**Moderator: Richard H. SAVEL**

17: Estimate of Potential Liver and Kidney Donation After Cardiac Death in Infants and Children
18: Nicotine Replacement Therapy in Critically Ill Patients: A Prospective Observational Cohort Study
19: A Bedside Tool to Predict Time to Death in Children After Withdrawal of Life Support
20: National Trend in Incidence, Cost and Discharge Disposition after Subdural Hemorrhage, 1998-2007
21: Postoperative Morbidity and Mortality in Patients with Do Not Resuscitate Orders
22: Tryptophan Metabolites and Acute Brain Dysfunction in Critically Ill Patients
23: Inhaled Steroids: A Protective Factor for the Development of Acute Lung Injury in Patients with Pneumonia

**ROOM D131**

**Oral Abstract Session - Neurology: Basic Science and Clinical Medicine**

**Moderator: William M. COPLIN**

**Moderator: Paul M. VESPA**

34: Brain Natriuretic Peptide Improves Functional Outcome after Acute Brain Injury in Mice
35: Inhibition of Autophagy Using Atg7 siRNA After Asphyxial Cardiac Arrest in vivo
36: Poly(ADP-ribose) Polymerase-1 Contributes to Mitochondrial Dysfunction and CA1 Neuronal Damage Following Kainate-Induced Status Epilepticus
37: Low-dose LPS Variably Affects Cerebral Vasospasm after SAH: The Role of Neutrophils
38: Alpha Synuclein Levels Are Elevated in Cerebrospinal Fluid Following Traumatic Brain Injury in Infants and Children
39: Sudden Unexpected Death in a Rodent Model of Epilepsy Is Associated with Autonomic Instability and Myocardial Remodeling
40: Neurological Prognostication After Cardiac Arrest and Therapeutic Hypothermia: A Prospective Validation Study
41: Haptoglobin Containing D2 Subunit Favor Angiographic Vasospasm in Aneurysmal Subarachnoid Hemorrhage (SAH)
42: Dysfunctional Thalamocortical Circuits in a Rodent Model of Pediatric Asphyxial Cardiac Arrest: A Therapeutic Target?

6:00 P.M. - 7:30 P.M.  FONTAINE/FLEUR DE LIS FONTAINEBLEAU MIAMI BEACH

ACCM Convocation and SCCM Awards Ceremony
Monday, January 11

8:15 A.M. - 9:00 A.M.  HALL D
• PLENARY SESSION
Mechanical Lung Protection: Fighting Against Gravity and How Far We Can Go with Air Ventilation

Marcelo AMATO
Marcelo Amato, MD
University of Sao Paulo
Sao Paulo, Brazil

LEARNING OBJECTIVES
• Discuss those factors that have been shown to influence the development of ventilator-induced lung injury
• Define and describe the ventilator settings that are associated with lung protection
• Discuss the results of the randomized controlled trials on lung protection

9:00 A.M. - 10:00 A.M.  EXHIBIT HALL
Break

10:00 A.M. - 11:00 A.M.  ROOM A105
Clinical Informatics in the ICU
Moderator: Myron Michael SHABOT

LEARNING OBJECTIVES
• Discuss regulatory requirements, payor expectations and Leapfrog
• Examine the issues with telemedicine
• Assess the pros and cons of current systems and medical errors
10:00 a.m. - 10:20 a.m.
> Current State of Computer Physician Order Entry
Andrew L. ROSENBERG
10:20 a.m. - 10:40 a.m.
> Telemedicine: State of the Art
Kenneth E. WOOD
10:40 a.m. - 11:00 a.m.
> Electronic Medical Record: Current State, Accuracy and Reporting
Myron Michael SHABOT

Determining and Respecting Patients’ Goals..., cont’d
10:00 a.m. - 10:20 a.m.
> History of Code Status: How Did We Get Here?
Nicholas S. WARD

10:20 a.m. - 10:40 a.m.
> The Use and Misuse of Code Status
Gordon RUBENFELD

10:40 a.m. - 11:00 a.m.
> End-of-Life Care: Determining Patient Preferences and Family Roles
Douglas WHITE

10:00 A.M. - 11:00 A.M.  ROOM B214
Hitting the (Bio) Mark in Acute Kidney Injury
Moderator: Andrew D. SHAW

LEARNING OBJECTIVES
• Review the advantages and disadvantages of serum creatinine for acute kidney injury (AKI) diagnosis and management
• Discuss novel biomarkers of AKI
• Explore the advent of genetic predisposition to AKI
10:00 a.m. - 10:20 a.m.
> Serum Creatinine and Cystatin C
John A. KELLUM

10:20 a.m. - 10:40 a.m.
> Neutrophil Gelatinase-Associated Lipocalin
H. Thomas LEE

10:40 a.m. - 11:00 a.m.
> Biomarkers and the Need for Dialysis
John Michael ARTHUR

10:00 A.M. - 12:00 P.M.  ROOM C124
No Flow, No O2, Reflow, Oh-Oh!
Moderator: Mihai PODGOREANU

LEARNING OBJECTIVES
• Identify the pathophysiological mechanisms underlying ischemia-reperfusion injury
• Discuss similarities and differences between organ system responses to ischemia reperfusion injury
• Utilize the crush injury as a model system to compare direct/local and indirect/distant ischemia-reperfusion injury
10:00 a.m. - 10:30 a.m.
> Cardiopulmonary Ischemia-Reperfusion Injury
Mihai PODGOREANU

10:30 a.m. - 11:00 a.m.
> Brain Ischemia-Reperfusion Injury
Michael L. JAMES

11:00 a.m. - 11:30 a.m.
> Post-Crush Injury Reperfusion
Hasan B. ALAM

11:30 a.m. - 12:00 p.m.
> Renal Ischemia, Reperfusion Injury and Organ Interaction
Sarah G. FAUBEL

Continued
Schedule of Events

10:00 A.M. - 12:00 P.M.  ROOM C125

Pediatric Interactive Cases
Moderators: Raj ANEJA, Neal J. THOMAS

LEARNING OBJECTIVES
• Discuss common pediatric ICU cases in a didactic session
• Compare medical management strategies against peers
10:00 a.m. - 11:00 a.m.
> A 15-Year-Old with Altered Mental Status
  Neil W. KOOY, Hulya BAYIR
11:00 a.m. - 12:00 p.m.
> A 1-Year-Old with Fever and Rash
  Heidi J. DALTON, Vinay M. NADKARNI

10:00 A.M. - 12:00 P.M.  ROOM D128

Primer for Critical Care Journals: Authors and Reviewers
Moderators: Joseph E. PARRILLO, Henry MASUR

LEARNING OBJECTIVES
• Review the techniques and author instructions to maximize acceptance
• Identify the key elements of peer review for objective critique of manuscript content
• Compose succinct and meaningful responses to reviewer comments
10:00 a.m. - 10:20 a.m.
> Giving Your Manuscript the Best Chance
  Edwin A. DEITCH
10:25 a.m. - 10:45 a.m.
> Essentials of a Good Peer Review
  Henry MASUR
10:40 a.m. - 11:00 a.m.
> Editor Decisions: What Do They Mean?
  Joseph E. PARRILLO
11:00 a.m. - 11:20 a.m.
> Responding to a Peer Review
  Margaret M. PARKER
11:25 a.m. - 11:45 a.m.
> Ethics, Confidentiality, Conflict of Interest
  Jonathan E. SEVRANSKY
11:40 a.m. - 12:00 p.m.
> Show and Tell: Good and Bad Manuscripts and Reviews
  R. Phillip DELLINGER

10:00 A.M. - 12:00 P.M.  ROOM D131

The Critical Care Societies Collaborative: SCCM, ATS, AACN, ACCP, HHS
Moderator: Mitchell M. LEVY

LEARNING OBJECTIVES
• Describe the role the Critical Care Societies Collaborative has in developing and implementing performance measures
• Discuss translating performance measures into bedside care
• Discuss linking performance to reimbursement
10:00 a.m. - 10:20 a.m.
> Healthcare-Associated Infections: The Health and Human Services View
  Don WRIGHT
10:25 a.m. - 10:45 a.m.
> What Is the Role for Professional Societies and Individual Clinicians in Developing and Implementing Performance Measures?
  Mitchell M. LEVY
10:50 a.m. - 11:10 a.m.
> Do Performance Measures Improve Performance?
  Kalpalatha K. GUNTUPALLI
11:15 a.m. - 11:35 a.m.
> Implementing Performance Measures at the Bedside: What Is the Role of Interdisciplinary Collaboration?
  Beth HAMMER
11:40 a.m. - 12:00 p.m.
> Linking Performance Measures and Reimbursement: Where are We Going?
  J. Randall CURTIS

10:00 A.M. - 12:00 P.M.  ROOM D132

Transplantation in 2010
Moderator: Dinesh RANJAN

LEARNING OBJECTIVES
• Discuss the updates in key areas of transplantation
• Describe the pre-transplant management of the donor
• Discuss the updates on liver, small bowel, transplantation and non-heart beating donation
10:00 a.m. - 10:20 a.m.
> Care of the Donor
  Ali SALIM
10:25 a.m. - 10:45 a.m.
> Management of the Immunosuppressed Transplant Patient in the ICU
  David J. KRAMER
10:50 a.m. - 11:10 a.m.
> Bridging to Transplantation
  Dinesh RANJAN
11:15 a.m. - 11:35 a.m.
> What’s New in Liver and Small Bowel Transplantation
  Debra SUDAN
11:40 a.m. - 12:00 p.m.
> Update on Non-Heart Beating Transplant Donation
  Douglas WHITE
Monday, January 11

10:00 A.M. - 11:00 A.M.  HALL D

Making Sense of Modern Modes
Moderator: William C. CROLEY

LEARNING OBJECTIVES
• Explain the various modes available on the newer generation ventilator
• Discuss the application of dual modes
• Assess the data supporting the preference of one mode over another

10:00 a.m. - 10:20 a.m.
> Mode Matters
   William C. CROLEY

10:20 a.m. - 10:40 a.m.
> The Complexity of Mode Selection
   Paul K. MOHABIR

10:40 a.m. - 11:00 a.m.
> Dual Mode Ventilation: Where’s the Data?
   Richard D. BRANSON

11:00 A.M. - 12:00 P.M.  ROOM B214

Critical Care Endocrinology: More Than Just a Sweetener
Moderator: Jeffrey MECHANICK

LEARNING OBJECTIVES
• Discuss why endocrine disease is often not recognized in the critically ill
• Review management strategies of endocrine disease in the ICU

11:00 a.m. - 11:20 a.m.
> Pituitary Disease
   Matthew E. FINK

11:20 a.m. - 11:40 a.m.
> Thyroid Disease
   Gunjan Y. GANDHI

11:40 a.m. - 12:00 p.m.
> Gonadal Steroids in Critical Illness
   Jeffrey MECHANICK

11:00 A.M. - 12:00 P.M.  ROOM A105

Scanning for Medication Error Solutions: Bar Code Technology
Moderator: Mitchell S. BUCKLEY

LEARNING OBJECTIVES
• Discuss bar code technology’s impact on the incidence and severity of medication errors
• Evaluate the economic implications and cost benefit of bar code technology
• Describe practical suggestions to utilize bar code technology successfully

11:00 a.m. - 11:20 a.m.
> Improving Patient Safety Outcomes
   Mitchell S. BUCKLEY

11:20 a.m. - 11:40 a.m.
> Show Me the Money
   Sandra L. KANE-GILL

11:40 a.m. - 12:00 p.m.
> Strategies for Utilizing Bar Code Technology
   Henry COHEN

11:00 A.M. - 12:00 P.M.  ROOM A205

The Dying Art: Palliative Sedation at End of Life
Moderator: Lauren R. SORCE

LEARNING OBJECTIVES
• Critique medico-legal controversies in terminal sedation
• Identify methods of comfort management in the dying child
• Review the use of terminal sedation order sets in adults

11:00 a.m. - 11:20 a.m.
> Nuts and Bolts of Terminal Sedation
   Bishoy G. LUKA

11:20 a.m. - 11:40 a.m.
> Keeping the Dying Child Comfortable
   David M. STEINHORN

11:40 a.m. - 12:00 p.m.
> Is the Double-Effect Principle a Double-Edged Sword?
   Clifford Lee PARMLEY

12:00 P.M. - 1:20 P.M.  ROOM C222

Work-Hour Restrictions and Their Effects on Resident Education
Moderator: Stephen P. HOFFMANN

LEARNING OBJECTIVES
• Summarize the current and proposed status of resident/fellow work-hour restrictions and Institute of Medicine (IOM) recommendations
• Compare and contrast the U.S. work-hour model with that of the European Union and the United Kingdom
• Examine the effects of the 80-hour work week on resident/fellow education and the impact of the new restrictions
• Identify strategies for stretching clinical coverage using mid-level providers

Continued
Monday, January 11

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Schedule of Events

= Additional charge to attend  = Ticketed session

**Work-Hour Restrictions..., continued**

12:00 p.m. - 12:20 p.m.  
> Current Status and Thinking Regarding the IOM Report and the Accreditation Council for Graduate Medical Education Response  
Stephen P. Hoffmann

12:20 p.m. - 12:40 p.m.  
> Resident Work-Hour Restrictions: The European Experience  
Jean-Louis Vincent

12:40 p.m. - 1:00 p.m.  
> Concept of Service Versus Education in the Current Environment: Before and After the 80-Hour Work Week  
Lewis J. Kaplan

1:00 p.m. - 1:15 p.m.  
> Stretching the Clinical Capacity with Mid-Level Practitioners in the ICU  
Walter A. Boyle

1:15 p.m. - 1:20 p.m.  
> Questions and Answers

12:00 p.m. - 1:00 p.m.  **POSTER HALL**

**Professor Walk Ronds**

Please plan to be at your poster at the start of Professor Walk Ronds when your category is being highlighted. Poster moderators have been split within the category to cover all abstracts and will be starting at various posters throughout each category.

- Basic Science: Sepsis - Posters 426-447
- Clinical Medicine: Sepsis - Guidelines and Bundles - Posters 448-456
- Clinical Medicine: Sepsis - Nosocomial (VAP, BSI, UTI) - Posters 457-462
- Clinical Medicine: Sepsis - Diagnostics - Posters 463-475
- Clinical Medicine: Sepsis - Therapeutics - Posters 476-486
- Clinical Medicine: Sepsis - Antimicrobials - Posters 487-490
- Clinical Medicine: Sepsis - Cardiovascular - Posters 491-496
- Clinical Medicine: Sepsis - Endocrine - Posters 497-499
- CPR/Resuscitation - Posters 500-559
- Education - Posters 560-589
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety) - Posters 590-789

1:30 p.m. - 2:15 p.m.  **HALL D**

- PLENARY SESSION
- AKE GRENVIK HONORARY LECTURE

**Healthcare Reform: What It Means to Us**

**Edward D. Miller**

Chief Executive Officer, Johns Hopkins Medicine  
Dean, Johns Hopkins University School of Medicine  
Baltimore, Maryland, USA

**LEARNING OBJECTIVES**

- Identify the various sources of funding for healthcare  
- Discuss how the recent changes in the federal funding of healthcare will affect other payors  
- Assess the impact these changes will have on reimbursement to healthcare providers

2:15 p.m. - 3:15 p.m.  **EXHIBIT HALL**

**Break**

2:15 p.m. - 3:15 p.m.  **ROOM C219**

**NON-CE BONUS SESSION**

**Become a Fellow of the American College of Critical Care Medicine**

**Moderator: Timothy S. Yeh**

**LEARNING OBJECTIVE**

- Define the eligibility criteria for Fellowship in the American College of Critical Care Medicine (FCCM)

3:15 p.m. - 4:15 p.m.  **ROOM A105**

**Fill ‘er Up: The Cellular Impact of Resuscitation**

**Moderator: Greg S. Martin**

**LEARNING OBJECTIVES**

- Describe the cellular effects associated with fluid choices and resuscitation methods  
- Describe the inflammatory and coagulation ramifications of fluid resuscitation  
- Compare the effects of colloids and crystalloids on the inflammatory response and coagulation

3:15 p.m. - 3:35 p.m.  
> Cellular Injury Associated with Intravenous Fluid Administration  
Hasan B. Alam

3:35 p.m. - 3:55 p.m.  
> Effects of Resuscitation Fluid on the Cytoskeleton  
Joseph Cuschieri

3:55 p.m. - 4:15 p.m.  
> Inflammation and Coagulation with Synthetic and Natural Colloids  
Greg S. Martin

3:15 p.m. - 4:15 p.m.  **ROOM A205**

**Go Around or Through: How Do You Want Your Heart Revascularized?**

**Moderator: Dave Daniels**

**LEARNING OBJECTIVES**

- Define the patient populations that benefit from percutaneous versus surgical interventions  
- Describe the risks involved in percutaneous coronary intervention (PCI) versus bypass surgery  
- Review the short- and long-term outcomes with PCI versus bypass surgery

3:15 p.m. - 3:45 p.m.  
> Percutaneous Coronary Intervention  
Steven M. Hollenberg

3:45 p.m. - 4:15 p.m.  
> Coronary Artery Bypass Graft Surgery  
Joseph J. DeRose Jr.
3:15 PM - 4:15 PM   ROOM B214
Antibiotics: Less Isn’t ALWAYS Better  
**Moderator: David ANDES**

**LEARNING OBJECTIVES**
- Discuss the criteria and antibiotic regimen for successful treatment of bacterial endocarditis
- Review the options for antimicrobial therapy for neutropenic and human immunodeficiency virus (HIV) and acquired immune deficiency syndrome (AIDS) patients

3:15 p.m. - 3:35 p.m.
> Antimicrobial Therapy for Patients with Endocarditis  
  Jeff KUVIN

3:35 p.m. - 3:55 p.m.
> Antimicrobial Therapy for Neutropenic Patients  
  Henry MASUR

3:55 p.m. - 4:15 p.m.
> Antimicrobial Pharmacodynamics to Optimize Drug Choice and Dosing Regimen Design  
  David ANDES

3:15 PM - 4:15 PM   ROOM C126
The Bedside Environment: Adapting and Coping  
**Moderator: Kathleen A. PUNTILLO**

**LEARNING OBJECTIVES**
- Review stressors associated with the auditory environment in the ICU
- Debate the use of mandated quality performance goals and external incentives for ICU quality

3:15 p.m. - 3:35 p.m.
> Alert Fatigue: Coping with Alarm Assault in the Pediatric ICU  
  Andrea M. KLINE

3:35 p.m. - 3:55 p.m.
> Open Visitation in ICU: What Do We Do with the Family?  
  Kathryn E. ROBERTS

3:55 p.m. - 4:15 p.m.
> Role of New Technologies: Does it Make a Difference in the Care of the Patient?  
  Tom S. AHRENS

3:15 PM - 4:15 PM   ROOM C124
Year in Review: Surgery  
**Moderator: Mary-Margaret BRANDT**

**LEARNING OBJECTIVES**
- Review the year’s critical care studies relevant to surgery
- Apply information gained from this session to guide practice
- Evaluate the literature using an evidence-based approach

3:15 p.m. - 4:15 p.m.
> Literature Review  
  Douglas F. NAYLOR Jr., Gerard J. FULDA

3:15 PM - 4:15 PM   ROOM C125
Pediatric Brain Injury Potpourri  
**Moderator: Robert S.B. CLARK**

**LEARNING OBJECTIVES**
- Discuss the benefits of using hypothermia as a therapy for pediatric traumatic brain injury (TBI) patients
- Review neuro-monitoring and neuro-imaging in pediatric brain injury
- Describe the neuro-developmental outcomes after TBI

3:15 p.m. - 3:35 p.m.
> Hypothermia and Targeted Temperature Management in the Pediatric ICU  
  Patrick M. KOCHANEK

3:35 p.m. - 3:55 p.m.
> Neuro-Monitoring and Neuro-Imaging Strategies: State of the Art  
  Patrick S. McQUILLEN

3:55 p.m. - 4:15 p.m.
> Neurodevelopmental Outcome Following Pediatric Traumatic Brain Injury  
  Katherine V. BIAGAS

3:15 PM - 4:15 PM   ROOM D128
Patient Safety: Harmful or Helpful?  
**Moderator: Sean R. TOWNSEND**

**LEARNING OBJECTIVES**
- Review significant government regulations that affect critical care
- Debate the use of mandated quality performance goals and external incentives for ICU quality

3:15 p.m. - 3:35 p.m.
> Mandated Quality Performance Goals: Should We Comply or Rebel?  
  Michael D. HOWELL

3:35 p.m. - 3:55 p.m.
> Does Quality Improvement Improve Quality?  
  Sean R. TOWNSEND

3:55 p.m. - 4:15 p.m.
> Pay for Performance and Public Reporting: Opportunity or Threat?  
  Damon C. SCALES

3:15 PM - 4:15 PM   ROOM D131
Application of Evidence-Based Protocols  
**Moderator: Tudy HODGMAN**

**LEARNING OBJECTIVES**
- Apply data from large evidence-based medicine trials to the community setting
- Describe how to incorporate several disciplines into the team approach towards application of evidence-based medicine
- Apply core measure into daily practice

3:15 p.m. - 3:35 p.m.
> Where to Start?  
  Jay S. COWEN

Continued ➯
**Schedule of Events**

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<tr>
<th>Time</th>
<th>Event</th>
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<th>Moderator/Presenter(s)</th>
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<tr>
<td>3:15 p.m.</td>
<td>Application of Evidence-Based Protocols, continued</td>
<td>Hall D</td>
<td>Peter K. LINDEN</td>
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<tr>
<td>3:15 p.m.</td>
<td><strong>Can We Replace the Body?</strong></td>
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<td>4:15 p.m.</td>
<td>The Microcirculation in Organ Dysfunction</td>
<td>Room A105</td>
<td>Bernhard J. RIEDEL</td>
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<tr>
<td>4:15 p.m.</td>
<td><strong>Year in Review: Anesthesia</strong></td>
<td>Room C124</td>
<td>William E. HURFORD</td>
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<tr>
<td>4:15 p.m.</td>
<td>Cardiopulmonary Resuscitation: Before, During and After</td>
<td>Room A205</td>
<td>Florian FALTER</td>
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<tr>
<td>4:15 p.m.</td>
<td>The Wrath of Staph</td>
<td>Room B214</td>
<td>Henry MASUR</td>
</tr>
<tr>
<td>4:15 p.m.</td>
<td>Year in Review: Anesthesia</td>
<td>Room C124</td>
<td>William E. HURFORD</td>
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</tbody>
</table>

**Moderator/Presenter(s):**
- Peter K. LINDEN
- Bernhard J. RIEDEL
- Florian FALTER
- Henry MASUR
- William E. HURFORD

**Learning Objectives:**
- Describe novel organ replacement systems using extracorporeal organ replacement to treat organ failure
- Identify appropriate patient selections for which these technologies will have most impact
- Describe potential complications and long-term outcomes

**4:15 p.m. - 5:15 p.m.**

- Preventing Cardiopulmonary Resuscitation: Early Warning Scores
  - Jonathan MacKAY
- Echocardiography During Resuscitation: Is It a Good Emergency Diagnostic Tool?
  - Michael H. WALL
- Treatment of the Post-Resuscitation Syndrome After Successful Cardiopulmonary Resuscitation
  - Christine A. WIJMAN

**4:15 p.m. - 5:15 p.m.**

- Community-Acquired Methicillin-Resistant Staphylococcus aureus Pulmonary Infections
  - Richard G. WUNDERINK
- Surgical Management of Staph Soft Tissue Infections: What the Intensivist Needs to Know
  - John E. MAZUSKI
- Antibiotics to Treat Staph Infections
  - Henry MASUR

**4:15 p.m. - 5:15 p.m.**

- Transfusions: Who, What and When Should We Transfuse?
  - Aryeh SHANDER
- Protecting the Airway: Nothing By Mouth, Post-Pyloric Feeding, Cricoid Pressure, and Rapid Sequence Intubation
  - Steven J. LISCO, Suzanne BENNETT

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**NOTES:**
- All sessions will be held at the Miami Beach Convention Center unless otherwise noted.
- Additional charge to attend = Additional charge to attend
- Ticketed session = Ticketed session
**Monday, January 11**

**Room C125**

### Quality Is Still Job One in the Pediatric ICU

**Moderator: James D. Fortenberry**

**Learning Objectives**
- Discuss the role of computerized physician order entry (CPOE) system in the pediatric ICU
- Review current issues impacting quality of care in the pediatric ICU

- 4:15 p.m. - 4:35 p.m.
  - Has CPOE Helped or Hurt the Pediatric ICU?
    - Brian R. Jacobs

- 4:35 p.m. - 4:55 p.m.
  - Reducing Errors and Promoting Safety in the Pediatric ICU
    - Anthony D. Slonim

- 4:55 p.m. - 5:15 p.m.
  - Ventilator-Associated Pneumonia and Bloodstream Infection Update
    - Richard J. Brilli

**Room C126**

### Year in Review: Nursing

**Moderator: Elizabeth A. Crago**

**Learning Objectives**
- Review the year’s critical care studies relevant to both adult and pediatric nursing
- Evaluate the literature using an evidence-based approach
- Present innovative bench and bedside nursing research
- Utilize information gained from this session to guide clinical nursing practice

- 4:15 p.m. - 4:35 p.m.
  - Pediatric Nursing Research
    - Michele Grimason

- 4:35 p.m. - 4:55 p.m.
  - Adult Nursing Research
    - Sandra M. Swoboda

- 4:55 p.m. - 5:15 p.m.
  - Innovative Bench Nursing Research
    - Elizabeth A. Crago

**Room D128**

### Doing More with Less: Critical Care in the Era of Work-Hour Restrictions

**Moderator: Craig M. CooperSmith**

**Learning Objectives**
- Describe challenges to implementing the 80-hour work restrictions for residents
- Identify novel strategies for meeting staffing and patient care needs

- 4:15 p.m. - 4:30 p.m.
  - Have Trainee Work-Hour Limitations Impacted Safety and Outcomes in the ICU?
    - Meeta Prasad

- 4:30 p.m. - 4:45 p.m.
  - Preventing Fumbles During ICU Handoffs
    - Andrew Shorr

- 4:45 p.m. - 5:00 p.m.
  - Using Mid-Level Providers to Improve Continuity
    - Ruth M. Kleinpell

- 5:00 p.m. - 5:15 p.m.
  - Motivating 80-Hour Residents to Be 100-Hour Attendings
    - Craig M. CooperSmith

**Room D131**

### Year in Review: Pharmacy

**Moderator: Brad E. Cooper**

**Learning Objectives**
- Evaluate the literature using an evidence-based approach
- Illustrate topical case studies

- 4:15 p.m. - 4:35 p.m.
  - Infectious Diseases
    - Christine L. Ahrens

- 4:35 p.m. - 4:55 p.m.
  - Cardiology
    - Heather M. Bockheim

- 4:55 p.m. - 5:15 p.m.
  - Trauma
    - Christopher M. Scott

**Hall D**

### A New Look at Extracorporeal Membrane Oxygenation in Respiratory Failure

**Moderator: Robert H. Bartlett**

**Learning Objectives**
- Evaluate new data on the potential benefits of extracorporeal support in adults and children with respiratory failure
- Discuss the unique physiology of venovenous extracorporeal membrane oxygenation (ECMO)
- Evaluate methods for bedside monitoring

- 4:15 p.m. - 4:35 p.m.
  - The United Kingdom’s CESAR Study: An Adult ECMO Trial
    - Taylor Thompson

- 4:35 p.m. - 4:55 p.m.
  - Venovenous ECMO: How to Make It Work
    - Michael Hines

- 4:55 p.m. - 5:15 p.m.
  - Changing of the Guard: Technology and Human Monitoring at the Bedside
    - Andrew L. Rosenberg
Tuesday, January 12

**8:15 A.M. - 9:00 A.M.**  HALL D

**PLENARY SESSION**

**Clinical Inquiry: Not for the Faint of Heart**

Martha A.Q. CURLEY, RN, PhD
Associate Professor
University of Pennsylvania
School of Nursing
Philadelphia, Pennsylvania, USA

**LEARNING OBJECTIVES**
- Discuss why the practice and experience of critical care mandates a paradigm shift in the conduct of clinical research
- Describe the challenges faced by clinical researchers when conducting clinical trials in critical care
- Describe several strategies that can help build and sustain a clinical research career in critical care

**9:00 A.M. - 10:00 A.M.**  EXHIBIT HALL

**Break**

**10:00 A.M. - 12:00 P.M.**  ROOM A105

**Glucose Control in Organ Disease: Moving Beyond the Benefits**

Moderator: Michael A. GROPPER

**LEARNING OBJECTIVES**
- Identify the impact of glucose control in organ-specific disease
- Review specific glucose control strategies in critical illness
- Discuss the use of monitoring glucose control using cerebral microdialysis

10:00 a.m. - 10:20 a.m.
> Blood Glucose in the ICU: NICE-SUGAR or Leuven Target?
  Greet H. VAN DEN BERGHE

10:25 a.m. - 10:45 a.m.
> Acute Versus Chronic Glucose Control
  Mark Edwin NUNNALLY

10:50 a.m. - 11:10 a.m.
> Intra-Operative Versus Postoperative Glucose Control
  Michael A. GROPPER

11:15 a.m. - 11:35 a.m.
> Glucose Control in Diabetes Versus Non-Diabetes
  Gunjan Y. GANDHI

11:40 a.m. - 12:00 p.m.
> Cerebral Microdialysis: Another Parameter for Glucose Control Management
  Paul M. VESPA

**10:00 A.M. - 12:00 P.M.**  ROOM A205

**PRO/CON DEBATE**

**International Sepsis Forum: Controversies in Severe Sepsis**

**Moderators: Konrad REINHART, Derek C. ANGUS**

**LEARNING OBJECTIVES**
- Review if blood cultures are important in the ICU
- Discuss if biomarkers should be used to guide care for sepsis patients
- Describe the possible risks and potential benefits of tight glycemic control in patients with sepsis

10:00 a.m. - 10:20 a.m.
> Con: Non-Culture Methods Should Replace Standard Blood Cultures
  R. Phillip DELLINGER

10:20 a.m. - 10:40 a.m.
> Pro: Non-Culture Methods Should Replace Standard Blood Cultures
  Steven M. OPAL

10:40 a.m. - 11:00 a.m.
> Con: We Should Use Biomarkers to Guide Care for Sepsis Patients
  John C. MARSHALL

11:00 a.m. - 11:20 a.m.
> Pro: We Should Use Biomarkers to Guide Care for Sepsis Patients
  Derek C. ANGUS

11:20 a.m. - 11:40 a.m.
> Pro: Tight Glycemic Control: Still Indicated in Patients with Sepsis
  Jean-Louis VINCENT

11:40 a.m. - 12:00 p.m.
> Con: Tight Glycemic Control: Still Indicated in Patients with Sepsis
  Konrad REINHART

**10:00 A.M. - 12:00 P.M.**  ROOM B214

**Lessons Learned from War**

**Moderator: Alan D. MURDOCK**

**LEARNING OBJECTIVES**
- Discuss the important medical lessons learned from the Iraq War
- Discuss damage control concepts as they apply to the body and brain
- Identify war-related advances in managing brain injury

10:00 a.m. - 10:20 a.m.
> Regionalization of Care
  Alan D. MURDOCK

10:25 a.m. - 10:45 a.m.
> Damage Control in the Battlefield
  Jeffery S. UPPERMAN

10:50 a.m. - 11:10 a.m.
> War-Related Traumatic Brain Injury
  Geoffrey S.F. LING

11:15 a.m. - 11:35 a.m.
> Update in Transport
  Chet A. MORRISON

11:40 a.m. - 12:00 p.m.
> Topical Hemostatics
  John B. HOLCOMB
10:00 A.M. - 12:00 P.M.  ROOM C124

The Many Faces of Death
Moderator: Mitchell M. LEVY

LEARNING OBJECTIVES
• Discuss the impact when end-of-life discussions are held prior to ICU admission.
• Discuss strategies for managing end-of-life care in the ICU.

10:00 a.m. - 10:20 a.m.
> The ICU Casino: Playing the Hand You’re Dealt
Charles Andrew ADAMS Jr.

10:25 a.m. - 10:45 a.m.
> End-of-Life Decision Making by Committee
Omar LATEEF

10:50 a.m. - 11:10 a.m.
> The European Perspective
Elie AZOULAY

11:15 a.m. - 11:35 a.m.
> Facilitated Sense-Making: A Method to Structure Family Inclusion in Care
Judy E. DAVIDSON

11:40 a.m. - 12:00 p.m.
> Can We Learn to Listen?
Mitchell M. LEVY

10:00 A.M. - 11:00 A.M.  ROOM C125

Pediatric Respiratory Failure: The Final Frontier
Moderator: Bruce M. GREENWALD

LEARNING OBJECTIVES
• Review current management strategies for pediatric lung injury failing conventional ventilator therapies.
• Discuss the trigger for extracorporeal membrane oxygenation (ECMO) in patients with severe lung injury or acute respiratory distress syndrome (ARDS).

10:00 a.m. - 10:20 a.m.
> Surfactant: Are There Indications for Its Use?
Douglas F. WILLSON

10:20 a.m. - 10:40 a.m.
> Airway Pressure Release Ventilation and Oscillation: Wiggle or Jiggle?
Steven PON

10:40 a.m. - 11:00 a.m.
> ECMO in Respiratory Failure: Do We Still Need It?
Heidi J. DALTON

10:00 A.M. - 12:00 P.M.  ROOM D218

Late-Breaker
Moderator: Ira M. CHEIFETZ

LEARNING OBJECTIVES
• Assess data from the U.S. Critical Illness and Injury Trials Group.
• Review lessons learned from the recent experience with pH1N1 to optimize the critical care response to future pandemic threats.
• Review data from the USCIITG LIPS Investigators.

10:00 a.m. - 10:20 a.m.
> Update: US Critical Illness and Injury Trials Group
J. Perren COBB

10:20 a.m. - 10:40 a.m.
> Update on 2009 Pandemic H1N1
TBD

10:40 a.m. - 11:00 a.m.
> Contemporary Epidemiology and Mortality of Patients at Risk of ARDS: USCIITG LIPS Investigators
Daniel S. TALMOR

11:00 a.m. - 11:20 a.m.
> TBD

11:20 a.m. - 11:40 a.m.
> TBD

11:40 a.m. - 12:00 p.m.
> TBD

10:00 A.M. - 12:00 P.M.  ROOM D131

Rage Against the Machine: Nondialytic Volume Management
Moderator: Sean M. BAGSHAW

LEARNING OBJECTIVES
• Define volume status alterations.
• Review updates on the use of diuretic therapy.
• Discuss strategies for optimal volume management.

10:00 a.m. - 10:30 a.m.
> Volume Status Definitions: What’s New?
John A. KELLUM

10:30 a.m. - 11:00 a.m.
> Use of Intermittent Versus Continuous Diuretic Therapy
Sean M. BAGSHAW

11:00 a.m. - 11:30 a.m.
> Diuretics Combined with Albumin: Superior Choice?
Greg S. MARTIN

11:30 a.m. - 12:00 p.m.
> Vasopressin Antagonists: Rationale and Mechanisms
Claudio RONCO

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<tr>
<th>Time</th>
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</table>
| 10:00 A.M. - 12:00 P.M. | HALL D  | **Update on Mechanical Ventilation**  
Moderator: Allen F. NAMATH  
LEARNING OBJECTIVES  
• Assess the goals of therapy in mechanical ventilatory support for critically ill patients  
• Evaluate the evidence that high-frequency ventilation can change outcomes in patients with acute respiratory distress syndrome (ARDS)  
• Identify the role of airway pressure release ventilation (APRV) in facilitating ventilatory weaning |
| 11:00 A.M. - 12:00 P.M. | ROOM C126 | **ICU Transfusions**  
Moderator: Howard L. CORWIN  
LEARNING OBJECTIVES  
• Evaluate the principles of bloodless medicine  
• Discuss the history, present state, and future of erythrocyte-stimulating agents  
• Debate if anyone in the ICU needs a hemoglobin of greater than 7 units |
| 12:00 P.M. - 1:00 P.M. | POSTER HALL | **Professor Walk Rounds**  
Please plan to be at your poster at the start of Professor Walk Rounds when your category is being highlighted. Poster moderators have been split within the category to cover all abstracts and will be starting at various posters throughout each category.  
• Ethics and End of Life - Posters 790-811  
• Patient and Family Support - Posters 812-816  
• Therapeutics - Drugs and Pharmacokinetics - Posters 817-885  
• Therapeutics - Other - Posters 886-978  
• Therapeutics - Sedation - Posters 979-1008  
• Case Reports - Posters 1009-1103 (No Professor Walk Rounds) |
| 1:00 P.M. - 1:30 P.M. | POSTER HALL | **Abstract-Based Awards Ceremony**  
**PLENARY SESSION**  
**MAX HARRY WEIL HONORARY LECTURE**  
* A New Way of Looking at Immunity and Injury  
Polly MATZINGER, PhD  
National Institutes of Health  
National Institute of Allergy and Infectious Disease  
Bethesda, Maryland, USA  
LEARNING OBJECTIVES  
• Describe the danger model of immunity  
• Discuss the implications of the danger model paradigm on development of new therapies  
• Explain the implications of damage mechanisms to autoimmune pathogenesis  
• Compare and contrast immune responses to injury and rejection |
| 11:00 A.M. - 12:00 P.M. | ROOM C125 | **Update on Congenital Cardiac Disease**  
Moderator: Jeffrey R. FINEMAN  
LEARNING OBJECTIVES  
• Review recent data on interventional treatment of congenital heart disease  
• Review treatment modalities for hypoplastic left heart syndrome and other congenital heart diseases |
| 10:00 a.m. - 10:20 a.m. |          | Is the Ability to Sculpt Every Breath Really Necessary?  
Allen F. NAMATH |
| 10:25 a.m. - 10:45 a.m. |          | Does High-Frequency Ventilation Change Outcomes in the Adult Patient with ARDS?  
Robert M. KACMAREK |
| 10:50 a.m. - 11:10 a.m. |          | What Is the Role of APRV in Weaning Patients from Mechanical Ventilatory Support?  
Nikhil BAROT |
| 11:15 a.m. - 11:35 a.m. |          | Do Specific Modes of Ventilation Really Exacerbate the Inflammatory Response?  
Gareth L. ACKLAND |
| 11:40 a.m. - 12:00 p.m. |          | Bone Marrow Transplant and Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome Patients  
Stephen M. PASTORES |
| 11:00 a.m. - 11:20 a.m. |          | Fetal and Postnatal Interventional Treatment of Congenital Heart Disease  
Wayne TWORETZKY |
| 11:20 a.m. - 11:40 a.m. |          | Pediatric Cardiac ICU Management of Hypoplastic Left Heart Syndrome: An Update  
Sarah TABBU TT |
| 11:40 a.m. - 12:00 p.m. |          | Endocrine Therapies in the Pediatric Cardiac ICU  
David P. NELSON |
### Schedule of Events

All sessions will be held at the Miami Beach Convention Center unless otherwise noted.

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

**Break**

#### 2:30 P.M. - 3:15 P.M.  ROOM A209

**SCCM Business Meeting**

#### 3:15 P.M. - 4:15 P.M.  ROOM A105

**Nightmare on ICU Street: Sleep, Delirium and Post-Traumatic Stress Disorder**

**Moderator:** Eric B. MILBRANDT

**LEARNING OBJECTIVES**
- Compare differences in the assessment and treatment of agitation versus delirium
- Describe how to measure sleep in critically ill patients
- Examine the phenomena of post-traumatic stress disorder (PTSD) after critical illness

- **3:15 p.m. - 3:35 p.m.**
  - *Patients Gone Wild: Agitation and Delirium in the ICU*
    - Eric B. MILBRANDT
- **3:35 p.m. - 3:55 p.m.**
  - *Sleep in the ICU: The Next Delirium Frontier?*
    - Paula L. WATSON
- **3:55 p.m. - 4:15 p.m.**
  - *The Nightmare that Won’t End: PTSD After Critical Illness*
    - Charles S. BRUDNEY

#### 3:15 p.m. - 4:15 p.m.  ROOM A209

**2010: The Ghost of the Past Ten Years and the Spirit of the Next Ten Years**

**Moderator:** Steven G. EMERY

**LEARNING OBJECTIVES**
- Compare and contrast the proposed forecast to actual events and circumstances realized in 2010
- Discuss possible changes to occur by 2020 based on best estimates today

- **3:15 p.m. - 3:30 p.m.**
  - *2010: Critical Care, Critical Time Video*
- **3:30 p.m. - 3:45 p.m.**
  - *The Ghost*
    - Robert W. TAYLOR Jr.
- **3:45 p.m. - 4:00 p.m.**
  - *2010: Right Now*
    - Maurene HARVEY
- **4:00 p.m. - 4:15 p.m.**
  - *The Spirit*
    - Thomas G. RAINNEY

#### 3:15 p.m. - 4:15 p.m.  ROOM A205

**Going (Gene) Fishing? Net or Spear?**

**Moderator:** Paul WISCHMEYER

**LEARNING OBJECTIVES**
- Debate the use of high-throughput assay systems for measurement of genomic and proteomic signals
- Discuss the application of different investigational model systems for candidate gene identification and validation

- **3:15 p.m. - 3:45 p.m.**
  - *High-Throughput Technology Is Way Ahead and Is Here to Stay*
    - Ronald G. TOMPKINS
- **3:45 p.m. - 4:15 p.m.**
  - *The Price Is Not Right: Whole Genome Technology Has Failed to Deliver*
    - Andrew D. SHAW

#### 3:15 p.m. - 4:15 p.m.  ROOM B214

**Ventilator-Associated Pneumonia? Never! New Implications for ICU Practice**

**Moderator:** Marcus J. SCHULTZ

**LEARNING OBJECTIVES**
- Review spectrum of definitions for what constitutes ventilator-associated pneumonia (VAP)
- Describe methods used to determine presence of VAP
- Outline strategies to evaluate and treat VAP

- **3:15 p.m. - 3:35 p.m.**
  - *VAP: Definitions and Diagnosis*
    - Allen F. NAMATH
- **3:35 p.m. - 3:55 p.m.**
  - *Current and Future Prevention Techniques*
    - Marcus J. SCHULTZ
- **3:55 p.m. - 4:15 p.m.**
  - *Clinical and Economic Consequences of VAP in the ICU*
    - Robert C. HYZY
**Schedule of Events**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session Title</th>
</tr>
</thead>
</table>
| **3:15 P.M. - 4:15 P.M.** | **ROOM C124** | **Year in Review: Internal Medicine**  
**Moderator: John M. OROPELLO**  
**LEARNING OBJECTIVE**  
- Review internal medicine-based research most relevant to the practice of critical care published over the previous year  
3:15 p.m. - 4:15 p.m.  
> Literature Review  
Stephen M. PASTORES, Anthony R. MANASIA, John M. OROPELLO |
| **3:15 P.M. - 4:15 P.M.** | **ROOM C125** | **Controversies in Cardiovascular Medicine**  
**Moderator: Joseph E. PARRILLO**  
**LEARNING OBJECTIVES**  
- Discuss the challenges in determining the risk-benefit ratio for particular hemodynamic pharmaceuticals  
- Review issues regarding coronary artery stents  
- Assess the pros and cons of rate versus rhythm control for patients with tachyarrhythmias  
3:15 p.m. - 3:35 p.m.  
> Controversies in Cardiac Therapeutics  
Andrew L. ROSENGERG  
3:35 p.m. - 3:55 p.m.  
> Management Issues for Patients with Coronary Artery Stents  
Joseph E. PARRILLO  
3:55 p.m. - 4:15 p.m.  
> Rate Versus Rhythm Control for Tachyarrhythmias in the ICU  
Jim K. WONG |
| **3:15 P.M. - 4:15 P.M.** | **ROOM C126** | **Risk Assessment for Sepsis**  
**Moderators: Mitchell M. LEVY, Rui MORENO**  
**LEARNING OBJECTIVES**  
- Describe the clinical relevance of genomics for risk assessment in sepsis  
- Identify the most relevant biomarkers in the risk assessment of sepsis  
- Appraise risk assessment scoring systems  
3:15 p.m. - 3:35 p.m.  
> Genomics and Risk Assessment in Sepsis  
Jean Daniel CHICHE  
3:35 p.m. - 3:55 p.m.  
> Using Biomarkers for Risk Assessment: How Close are We?  
Stephen TRZECIAR  
3:55 p.m. - 4:15 p.m.  
> Scoring Systems for Risk Assessment: Which One, If Any?  
Andrew RHODES |
| **3:15 P.M. - 4:15 P.M.** | **ROOM D128** | **Early Tracheostomy Is Beneficial**  
**Moderator: Robert M. KACMAREK**  
**LEARNING OBJECTIVE**  
- Examine the outcomes between early and late tracheostomy  
3:15 p.m. - 3:45 p.m.  
> Pro: Early Tracheostomy Is Beneficial  
Duncan YOUNG  
3:45 p.m. - 4:15 p.m.  
> Con: Early Tracheostomy Is Beneficial  
Erik S. BARQUIST |

All sessions will be held at the Miami Beach Convention Center unless otherwise noted.  

$= Additional charge to attend  
$= Ticketed session
Schedule of Events

**Additional charge to attend**
**Ticketed session**

**All sessions will be held at the Miami Beach Convention Center unless otherwise noted.**

### Room A105
**4:15 P.M. - 5:15 P.M.**

**The Sedative Buffet: Variety Is the Spice of Life**

**Moderator: John P. Kress**

**LEARNING OBJECTIVES**
- Review the evidence base behind novel sedative agents in the ICU
- Discuss the use of ketamine, dexmedetomidine and fospropofol for pain and sedation management
- Describe the risks and benefits of potentially underutilized sedative agents

- **4:15 p.m. - 4:35 p.m.**
  - Ketamine: The Best Dish You’ve Never Tried  
  - Paul Wischmeyer

- **4:35 p.m. - 4:55 p.m.**
  - Dexmedetomidine: Main Course or Just a Side?  
  - Richard R. Riker

- **4:55 p.m. - 5:15 p.m.**
  - Fospropofol: A Low-Fat Alternative for a Healthy Diet  
  - Joseph F. Dasta

### Room A205
**4:15 P.M. - 5:15 P.M.**

**Navigating the Tollway: Innate Immune Pathways**

**Moderator: Judith Hellman**

**LEARNING OBJECTIVES**
- Describe innate immune receptors and pathways in the context of critical illness
- Review cells and cellular compartments involved in innate inflammatory responses
- Discuss innate immune pathways in noninfectious critical care syndromes

- **4:15 p.m. - 4:35 p.m.**
  - Innate Immune Pathways in Critical Illness  
  - Judith Hellman

- **4:35 p.m. - 4:55 p.m.**
  - Cells and Compartments in Innate Immunity  
  - Michael A. West

- **4:55 p.m. - 5:15 p.m.**
  - The Central Nervous System as a Paradigm of Innate Inflammatory Responses in Critical Illness  
  - Jose Javier Provençio

### Room B214
**4:15 P.M. - 5:15 P.M.**

**Don’t Stop the Flow: Respiratory Administration of Medication**

**Moderator: Tudy Hodgman**

**LEARNING OBJECTIVES**
- Discuss literature to support in-line use of metered-dose inhalers (MDIs) or nebulizers (NEBs) for beta-agonist therapy during ventilation
- Review data on routes of administration of corticosteroids versus effects seen at the cellular level
- Investigate methods of aerosol delivery

- **4:15 p.m. - 4:35 p.m.**
  - What Drug, What Delivery Device? Long- Versus Short-Acting Beta-Agonists via MDIs or NEBs  
  - Michael J. CAWLEY

- **4:35 p.m. - 4:55 p.m.**
  - Is There a Role for Inhalation Corticosteroids?  
  - Mira LOH-TRIVEDI

- **4:55 p.m. - 5:15 p.m.**
  - Inhaled Antimicrobials: What Is the Role of Colistin and Aminoglycosides?  
  - Douglas N. Fish

### Room C124
**4:15 P.M. - 5:15 P.M.**

- **A.S. Laerdal Memorial Award Lecture**

**The Changing Face of Trauma Resuscitation**

**Moderator: Ake N. Grenvik**

**LEARNING OBJECTIVES**
- Describe the last 70 years of resuscitation history
- Identify the changes in trauma resuscitation that have occurred over the last three years
- Describe the changes in trauma resuscitation that may occur over the next ten years

- **4:15 p.m. - 4:35 p.m.**
  - Organ Donation and Ethical Principles Regarding Brain Death  
  - Thomas A. Nakagawa

- **4:35 p.m. - 4:55 p.m.**
  - Basic Science  
  - Robert S.B. Clark

- **4:55 p.m. - 5:15 p.m.**
  - Patient Safety and Quality Improvement  
  - Kelly S. Tieves

### Room C125
**4:15 P.M. - 5:15 P.M.**

**Year in Review: Pediatrics**

**Moderator: Vicki L. Montgomery**

**LEARNING OBJECTIVES**
- Review the year’s pediatric critical care studies in basic science, administration and ethics
- Evaluate literature using an evidence-based medicine approach

- **4:15 p.m. - 4:35 p.m.**
  - Organ Donation and Ethical Principles Regarding Brain Death  
  - Thomas A. Nakagawa

- **4:35 p.m. - 4:55 p.m.**
  - Basic Science  
  - Robert S.B. Clark

- **4:55 p.m. - 5:15 p.m.**
  - Patient Safety and Quality Improvement  
  - Kelly S. Tieves
**Schedule of Events**

- **4:15 P.M. - 5:15 P.M.**
  - **ROOM C126**
  - **Money Can’t Buy You Love: Happiness Through Proper Coding and Billing**
  - **Moderator: George A. SAMPLE**
  
  **LEARNING OBJECTIVES**
  - Identify recent changes for inpatient coding
  - Describe proper coding for critically ill patients
  - Propose how to avoid common coding errors

  4:15 p.m. - 4:45 p.m.
  > From Admissions to ICU Bed: Coding Scenarios
  > George A. SAMPLE

  4:45 p.m. - 5:15 p.m.
  > Cut Here and Code How?
  > R. Lawrence REED II

- **4:15 P.M. - 5:15 P.M.**
  - **ROOM D131**
  - **SON: Save Our Nurses!**
  - **Moderator: Connie A. JASTREMSKI**
  
  **LEARNING OBJECTIVES**
  - Discuss issues in critical care nursing recruitment and retention
  - Identify strategies for retaining experienced critical care nurses in the workforce

  4:15 p.m. - 4:35 p.m.
  > Keeping the Expert Nurse at the Bedside: Are There Enough Incentives?
  > Lynn A. KELSO

  4:35 p.m. - 4:55 p.m.
  > Is Age and Mental Health a Determinant of Nurse Longevity in Critical Care?
  > Kathleen M. VOLLMAN

  4:55 p.m. - 5:15 p.m.
  > Promoting Retention of Critical Care Nurses
  > Connie A. JASTREMSKI

- **4:15 P.M. - 5:15 P.M.**
  - **ROOM D128**
  - **What’s New in the Management of Pulmonary Hypertension?**
  - **Moderator: Ronald G. PEARL**
  
  **LEARNING OBJECTIVES**
  - Discuss the pathophysiology and diagnosis of pulmonary hypertension
  - Evaluate the merits of current treatment strategies for pulmonary hypertension and right heart failure
  - Examine the features of chronic hypertension that may impact management

  4:15 p.m. - 4:35 p.m.
  > Pathophysiology and Diagnosis of Pulmonary Hypertension
  > Ronald G. PEARL

  4:35 p.m. - 4:55 p.m.
  > Is There a Way Out of Biventricular Failure with Acute Pulmonary Hypertension?
  > Florian FALTER

  4:55 p.m. - 5:15 p.m.
  > The Acutely Ill Patient with Chronic Pulmonary Hypertension
  > Mark T. GLADWIN

- **3:15 P.M. - 5:30 p.m.**
  - **POSTER HALL**
  
  **Poster Hall Retrieval**
  Posters must be taken down between 3:15 p.m. and 5:30 p.m. Those not removed will be taken down by SCCM or GES staff. Materials left behind are not the responsibility of SCCM, the Miami Convention Center or GES Decorating Company.
Wednesday, January 13

8:15 A.M. - 9:00 A.M.  HALL D

• PLENARY SESSION


David G. JAIMOVIICH, MD
President
Quality Resources International
Northbrook, Illinois, USA

LEARNING OBJECTIVES
• Assess the globalization of healthcare and its impact on hospital services around the world
• Illustrate the need for cultural competency and the resources that are necessary to accommodate the international patient
• Identify the limited policies that exist to provide high quality and safe care to the international patient

9:00 A.M. - 9:30 A.M.  OUTSIDE HALL D

Break

9:30 A.M. - 10:30 A.M.  ROOM A105

Mechanical Ventilation: Special Situations

Moderator: Robert M. KACMAREK

LEARNING OBJECTIVES
• Discuss the optimal management of the pregnant patient
• Discuss the optimal management of the burn patient
• Discuss the optimal management of the asthmatic patient

9:30 a.m. - 9:50 a.m.
> The Morbidly Obese
Louis BRUSCO Jr.
9:50 a.m. - 10:30 a.m.
> Early Ambulation
Peter E. MORRIS
10:10 a.m. - 10:30 a.m.
> Burns
Bruce FRIEDMAN

9:30 A.M. - 10:30 A.M.  ROOM D131

Novel Therapeutics for the Critically Ill Neurological Patient

Moderator: Paul M. VESPA

LEARNING OBJECTIVES
• Review adjunctive therapies for patients with neurocritical illness
• Examine evidence surrounding transfusion thresholds in patients with acute stroke or subarachnoid hemorrhage
• Discuss indications and applications of therapeutic hyperoxia for neuro protection

9:30 a.m. - 9:50 a.m.
> What Is the Ideal Sodium After Brain Injury?
Stephan A. MAYER
9:50 a.m. - 10:10 a.m.
> Transfusion Targets in the Neuro ICU
Andrew M. NAIDeCH
10:10 a.m. - 10:30 a.m.
> Hyperoxia as a Therapeutic Target
Gaylan L. ROCKSWOLD

9:30 A.M. - 10:30 A.M.  ROOM C125

Pediatric Palliative Care

Moderator: Christine A. ZAWISTOWSKI

LEARNING OBJECTIVES
• List the practical aspects of transitioning to palliative care and symptom management in the ICU
• Identify the ethical and legal aspects and requirements for a pediatric ICU palliative care program
• Describe the program development barriers and how to overcome the obstacles

9:30 a.m. - 9:50 a.m.
> Integrating and Transitioning to Palliative Care in the Pediatric ICU
Christine A. ZAWISTOWSKI
9:50 a.m. - 10:10 a.m.
> Symptom Management in the Patient in Palliative Mode
David M. STEINHORN
10:10 a.m. - 10:30 a.m.
> Creating a Palliative Care Culture in the Pediatric ICU
Cynda H. RUSHTON
Treating Agitation and Delirium: Providing Clarity to an Alphabet Soup of Potential Options

Moderator: John W. DEVLIN

**LEARNING OBJECTIVES**
- Compare haloperidol and atypical antipsychotics for the treatment of delirium in the ICU
- Evaluate the effects of concurrent multiple agents on central nervous system receptors
- Discuss the advantages and disadvantages of various sedative agents

9:30 a.m. - 9:50 a.m.
- Neuroreceptor Modulation Will Deliver Many Different Flavors
  Denise H. RHONEY

9:50 a.m. - 10:10 a.m.
- Homemade or Canned? Developing the Best Recipe for Sedation
  Gilles L. FRASER

10:10 a.m. - 10:30 a.m.
- Stovetop or Microwave? What Is the Best Method to Treat Delirium?
  John W. DEVLIN

Massive Transfusion: If What’s New Is Old, Then Is What’s Old, New?

**Moderator:** John B. HOLCOMB

**LEARNING OBJECTIVES**
- Assess how recent military experience is changing how practitioners think about massive transfusion
- Identify similarities between civilian and military transfusion practices
- Discuss the risks and benefits of massive transfusion protocols

9:30 a.m. - 9:50 a.m.
- The Military Experience with Whole Blood Administration
  John B. HOLCOMB

9:55 a.m. - 10:15 a.m.
- A Civilian Experience with the Plasma to Red Blood Cell Ratio in Massive Transfusion
  Juan DUCHESNE

10:20 a.m. - 10:40 a.m.
- Why Your Hospital Should Have a Massive Transfusion Protocol
  Mark D. CIPOLLE

10:45 a.m. - 11:05 a.m.
- The Host Response to Massive Transfusion
  Joseph P. MINEI

11:10 a.m. - 11:30 a.m.
- Complications After Massive Transfusion
  Paul E. BANKEY

Making Sense of the Surviving Sepsis Campaign

**Moderator:** R. Phillip DELLINGER

**LEARNING OBJECTIVES**
- Review the history of the development of bundles for managing ICU patients
- Summarize available data on how outcome has been influenced by the Surviving Sepsis Campaign (SSC)
- Debate whether or not bundled therapies should be mandated
- Discuss the future of bundled therapies

9:30 a.m. - 9:50 a.m.
- State of the Art on the SSC
  R. Phillip DELLINGER

9:55 a.m. - 10:15 a.m.
- Out of the Muck: The Evolution of Bundled Sepsis Therapies
  Richard J. BEALE

10:20 a.m. - 10:40 a.m.
- Should Sepsis Bundles Be Mandated?
  John C. MARSHALL

10:45 a.m. - 11:05 a.m.
- Unbind Me: How Binding are Bundles?
  Charles NATANSON

11:10 a.m. - 11:30 a.m.
- Sepsis Bundles: The Golden Path?
  R. Phillip DELLINGER

Way Beyond the South Beach Diet

**Moderator:** Jose J. DIAZ Jr.

Supported, in part, by a medical education grant from Baxter Healthcare Corporation

**LEARNING OBJECTIVES**
- Discuss the importance of early feeding and avoidance of accumulated calorie deficits
- Review the potential micronutrient deficiencies that may occur with enteral or parenteral feeding
- Assess emerging evidence supporting immunonutrition

9:30 a.m. - 10:00 a.m.
- Enteral Feeding: Yes, No, Maybe So
  Jose J. DIAZ Jr.

10:00 a.m. - 10:30 a.m.
- How Soon Is Now? Early Feeding in the ICU
  Daren K. HEYLAND

10:30 a.m. - 11:00 a.m.
- Headed South: Total Parenteral Nutrition in 2010
  Paul WISCHMEYER

11:00 a.m. - 11:30 a.m.
- Might of Mini: Micronutrient Deficiencies
  Melissa PLEVA
## Schedule of Events

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 9:30 A.M. - 11:30 A.M. | C126 | Evidence-Based Practice: How Much Evidence Is Needed?  
**Moderator:** William A. BROCK  
**LEARNING OBJECTIVES**  
• Discuss the use and application of evidence-based practice in critical care  
• Identify strategies for integrating evidence-based practice  
• Review the conduct of clinical trials in the development of evidence-based practice |
| 10:30 A.M. - 11:30 A.M. | A105 | Operating Room Ventilator Management in the “New” Millennium  
**Moderator:** Andrew L. ROSENBERG  
**LEARNING OBJECTIVES**  
• Describe epidemiology and problems of ventilator use in the operating room (OR)  
• Review current OR ventilator capabilities  
• Describe advanced ventilator techniques in the OR |
| 9:30 A.M. - 11:30 A.M. | D128 | Donation After Cardiac Death: Issues in the ICU  
**Moderator:** Scott D. HALPERN  
**LEARNING OBJECTIVES**  
• Discuss the epidemiology and potential outcomes of donation after cardiac death (DCD)  
• Identify and manage the conflicts that arise in caring for donors after cardiac death  
• Discuss the potential conflicts of donations and end-of-life care |
| 10:30 A.M. - 11:30 A.M. | C125 | Work Life, Home Life: The Balancing Act  
**Moderator:** Lauren R. SORCE  
**LEARNING OBJECTIVES**  
• Discuss strategies that help ICU personnel balance their career and family lives  
• Identify the impact of death and dying on the lives of ICU professionals |

### Wednesday, January 13

- **9:30 a.m. - 10:00 a.m.**  
  - How Best To Generate New Evidence? The Conduct of Clinical Trials  
  - Derek C. ANGUS  
- **10:00 a.m. - 10:30 a.m.**  
  - What to Do When Evidence Exists, But Practice Doesn’t Change?  
  - Gordon D. RUBENFELD  
- **10:30 a.m. - 11:00 a.m.**  
  - What to Do When the Evidence Is Good, But Outdated?  
  - William A. BROCK  
- **11:00 a.m. - 11:30 a.m.**  
  - Is one Good RCT Enough?  
  - James S. KRINSLey  

- **9:30 a.m. - 9:50 a.m.**  
  - Donors After Cardiac Death: Where They Are and Why We (Should) Care  
  - Scott D. HALPERN  
- **9:55 a.m. - 10:15 a.m.**  
  - Are DCD Donors Dead? Does it Matter?  
  - Robert D. TRUOG  
- **10:20 a.m. - 10:40 a.m.**  
  - Acceptance of DCD by Critical Care Professionals: Overcoming the Barriers  
  - Anthony DALESSANDRO  
- **10:45 a.m. - 11:05 a.m.**  
  - Transplant from DCD: Clinical Outcomes  
  - Robert LOVE  
- **11:10 a.m. - 11:30 a.m.**  
  - Does DCD Conflict or Conform with Quality End-of-life Care?  
  - Mitchell M. LEVY  

All sessions will be held at the Miami Beach Convention Center unless otherwise noted.
### Hypothermia for Central Nervous System Injury

**Moderator: Neeraj BADJATIA**

**LEARNING OBJECTIVES**
- Assess recent advances in hypothermia research
- Distinguish between effective and experimental areas of hypothermia
- Describe practical techniques to achieve and maintain hypothermia in patients

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<tr>
<td>10:30 a.m. - 10:50 a.m.</td>
<td>Cooling After Cardiac Arrest</td>
<td>Carmelo GRAFFAGNINO</td>
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<tr>
<td>10:50 a.m. - 11:10 a.m.</td>
<td>Hypothermia for Spinal Cord Injury</td>
<td>Dalton W. DIETRICH</td>
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<tr>
<td>11:10 a.m. - 11:30 a.m.</td>
<td>How Do You Get the Patients to Stay Cold?</td>
<td>Neeraj BADJATIA</td>
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</table>

### Drug Dosing in the Obese ICU Patient: Festivus for the Rest of Us Who Aren’t 70 kg

**Moderator: Jeffrey BARLETTA**

**LEARNING OBJECTIVES**
- Discuss the general principles of drug dosing in obese patients
- Outline the appropriate dosing of anticoagulants in the obese patient
- Review the use of various weight descriptors for dosing antimicrobial agents

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<td>10:30 a.m. - 10:50 a.m.</td>
<td>The Weight Is Over: Now What?</td>
<td>Brian L. ERSTAD</td>
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<tr>
<td>10:50 a.m. - 11:10 a.m.</td>
<td>The Skinny on Adult Dosing</td>
<td>Jeffrey BARLETTA</td>
</tr>
<tr>
<td>11:10 a.m. - 11:30 a.m.</td>
<td>Dosing Fudge for the Pediatric Pudge</td>
<td>Elizabeth A. FARRINGTON</td>
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</tbody>
</table>
The Society of Critical Care Medicine’s (SCCM) Award and Grant Program was established in 1983 to promote excellence in critical care teaching and research for the improved care of the critically ill and injured. This year, more than $65,000 will be awarded to critical care and healthcare professionals who have demonstrated dedication and innovation in the field of critical care.

All awards will be presented in conjunction with SCCM’s 39th Annual Critical Care Congress. The 2009 non-abstract based awards will be presented during the American College of Critical Care Medicine (ACCM) Convocation/SCCM Awards Presentation on Sunday, January 10, 2010, at 6:00 p.m. in Fontaine/Fleur De Lis of the Fontainebleau Miami Beach, Miami Beach, Florida, USA. The abstract-based awards will be presented on Tuesday, January 12, 2010, from 1:00 p.m. – 1:30 p.m. in the Poster Hall.

Award and grant recipients receive financial rewards, prestige and recognition within the field of critical care. Congratulations to the following award and grant recipients!

### Award Recipients

**BARRY A. SHAPIRO MEMORIAL AWARD FOR EXCELLENCE IN CRITICAL CARE MANAGEMENT**

*Winner: Society of Critical Care Medicine and Generous Donors to the Barry A. Shapiro Memorial Award Fund*

M. Michele MARISCALCO, MD, FCCM

**DISTINGUISHED INVESTIGATOR AWARD**

*Winner: American College of Critical Care Medicine*

Joseph P. DASTA, MSc, FCCM

**DISTINGUISHED SERVICE AWARD**

*Winner: Society of Critical Care Medicine*

Frederick P. OGNIBENE, MD, FCCM

**DR. JOSEPH AND RAE BROWN AWARD**

*Winner: The Pennsylvania Chapter of SCCM*

Joaquim S. TAVARES, MD

**FAMILY-CENTERED CARE AWARD**

*Winner: Society of Critical Care Medicine*

Critical Care at the
Beth Israel Deaconess Medical Center
Boston, Massachusetts, USA

Honorable Mention:
Hospital de Clinicas Caracas Adult Intensive Care Unit
Caracas, Venezuela

**GRENVIK FAMILY AWARD FOR ETHICS**

*Winner: Grevnik Family Memorial Fund*

David C. KAUFMAN, MD, FCCM

**ICU DESIGN CITATION**

*Winners: Society of Critical Care Medicine, American Association of Critical-Care Nurses, American Institute of Architects*

The Christ Hospital
Medical Intensive Care Unit
Cincinnati, Ohio, USA

**Champlin Architecture**
Cincinnati, Ohio, USA

**LIFETIME ACHIEVEMENT AWARD**

*Winner: Society of Critical Care Medicine*

John J. DOWNES, MD

**NORMA J. SHOEMAKER AWARD FOR CRITICAL CARE NURSING EXCELLENCE**

*Winner: Society of Critical Care Medicine*

Jan M. POWERS, RN, PhD, CCNS, CCRN, FCCM

**SHUBIN-WEIL MASTER CLINICIAN/TEACHER: EXCELLENCE IN BEDSIDE TEACHING AWARD**

*Winner: Max Harry Weil, MD, PhD, FCCM, and Family*

Douglas F. NAYLOR Jr., MD, FCCM

### Presidential Citation

**Award Recipients**

Charles A. ADAMS Jr., MD
Michael S.D. AGUS, MD
Sheila A. ALEXANDER, BSN, RN, PhD
Raj ANEJA, MD
Omar BADAWI, PharmD, BCPS
Robert A. BALK, MD, FCCM
Jeffrey BARLETTA, PharmD, FCCM
Michael L. BENTLEY, PharmD, FCCM
Martha E. BILLINGS, MD
Nicholas G. BIRCHER, MD, FCCM
Barbara A. BIRRIEL, MSN, ACNP-BC, CRNP
Scott BOLESTA, PharmD, BCPS
Mary-Margaret BRANDT, MD, FCCM
Dana A. BRANER, MD, FCCM
Jeffrey J. BRUNO, PharmD
Timothy BUCHMAN, MD, PhD, MS, FCCM
Rajesh CHAWLA, MD, FCCM
David H. CHONG, MD
Mark D. CIPOLLE, MD, PhD, FCCM
Edward E. CONWAY Jr., MD, MS, FCCM
Deborah J. COOK, MD
Stephanie Mallow CORBETT, PharmD
Howard L. CORWIN, MD, FCCM
Douglas B. COURSIN, MD
David W. CRIPPEN, MD, FCCM
J. Randall CURTIS, MD, MPH
Marion DANIS, MD
Achal DHUPA, MD, MBBS
Jigeeshu V. DIVATIA, MD
Ivor S. DOUGLAS, MD
David J. DRIES, MD, FCCM
Brian L. EERSTAD, PharmD, FCCM
Brenda G. FAHY, MD, FCCM
Jeffrey R. FINEMAN, MD
Amado X. FREIRE, MD, MPH, FCCM
Douglas M. GEEHAN, MD, FCCM
James A. GELLING, MD, FCCM
Gail GESIN, PharmD
Bruce M. GREENWALD, MD, FCCM
Thomas E. GRISSOM, MD, FCCM
Jeffrey GROEGER, MD, FCCM
John R. HALL, MD, FCCM
Donna HAMEL, BS, RRT, FCCM
Lisa T. HAWKSWORTH, RN, MSN, CCRN, NE-BC
Judith HELLMAN, MD
Jorge Luis HIDALGO, MD, FCCM
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Sandra L. KANE-GILL, PharmD, MS, FCCM
Lewis J. KAPLAN, MD, FCCM
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Andrea M. KLINE, RN, MS, FCCM
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Published Guidelines

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CLINICAL PRACTICE PARAMETERS FOR HEMODYNAMIC SUPPORT OF PEDIATRIC AND NEONATAL SEPTIC SHOCK: 2007 UPDATE FROM THE AMERICAN COLLEGE OF CRITICAL CARE MEDICINE

Chair: Joseph A. Carcillo, MD

Members: Joe Brierley, MD; Karen Choong, MD; Tim Cornell, MD; Alan Davis, MD; Allan Dcaen, MD; Andreas Deymann, MD; Allan Doctor, MD; John Duff, MD; Marc-Andre Dugas, MD; Alan Duncan, MD; Barry Evans, MD; Jonathan Feloman, MD; Kathryn Felmet, MD; Gene Fisher, MD; Larry Frankel, MD; FCCM; Bruce Greenwald, MD, FCCM; Juan Gutierrez, MD; Mark Hall, MD; Yong Y. Han, MD; James Hanson, MD; Jan Hazeltine, MD; Lynn Hernan, MD; Jose Izazusta, MD; Howard Jeffries, MD; Jane Kiff, MD; Nirajan Kissoo, MD, FCCM; Alexander Kon, MD, FCCM; John Lin, MD; Angie Lorts, MD; Michelle Mariscalcd, MD, FCCM; Renuka Mehta, MD; Simon Nade, MD; Trung Nguyen, MD; Carol Nicholslon, MD; Regina Okhuysen-Gawley, MD; Mark Peters, MD; Tom Poltoul, MD, FCCM; Monica Relves, MD, FCCM; Agustin Rodriguez, MD; Ranna Rozenzfeld, MD, FCCM; Eduardo Schnitzler, MD; Tom Shanley, MD, FCCM; Sara Skache, MD; Peter Skippen, MD; Bonnie Stojadivovic, MD; Adalberto Torres, MD, FCCM; Bettina Von Dessauer, MD; Jacki Weingarten, MD; Timothy Yeh, MD, FCCM; Arno Zartisky, MD, FCCM; Jerry Zimmermann, MD, FCCM; Aaron Zuckenberg, MD

GUIDELINES FOR THE PROVISION AND ASSESSMENT OF NUTRITION THERAPY IN THE ADULT CRITICALLY ILL PATIENT: IN COLLABORATION WITH THE SOCIETY OF CRITICAL CARE MEDICINE AND AMERICAN SOCIETY FOR PARENTERAL AND ENTERAL NUTRITION

Chair: Robert G. Martindale, MD, PhD

Members: Gail Cresci, MD; Mary McCarthy, RN, PhD; Stephen A. McClave, MD; Lina Napolitano, MD, FCCM; Juan B. Ochoa, MD; Pamela Roberts, MD, FCCM; Beth Taylor, MD, RN, CNSD, FCCM; Vincent W. VaneK, MD

CLINICAL PRACTICE GUIDELINE: RED BLOOD CELL TRANSFUSION IN ADULT TRAUMA AND CRITICAL CARE

Co-chairs: Stanley Kurek, DO; Frederick A. Luchette, MD, FCCM

Members: Gary L. Anderson, DO; Michael R. Bard, MD; Philip S. Barie, MD, FCCM; William Bromberg, MD; William C. Chiu, MD, FCCM; Mark D. Cipolle, MD, PhD, FCCM; Keith D. Clancy, MD; Howard L. Corwin, MD, FCCM; Lawrence Diebel, MD; Paul C. Hebert, MD, MHsc; William S. Hoff, MD; K. Michael Hughes, DO; Imtiaz Munshi, MD; Lena M. Napolitano, MD, FCCM; Donna Navdich, RN, MSN, ACNP; Rovinder Sandhu, MD; Samuel A. Tisherman, MD, FCCM; Jay A. Yelon, MD, FCCM

Grant Recipient

SCCM Vision Grant

Sponsor: Society of Critical Care Medicine

Theodore J. Iwashyna, MD, PhD

The Contribution of Functional Decline in Long-Term Costs of Severe Sepsis

Abstract-Based Awards

IN-TRAINING AWARD RECIPIENT

Sririne Baltagi, MD

Hyperirritability Versus Normoxic Resuscitation in Pediatric Asphyxial Cardiac Arrest: Effects on Hemodynamics and Mortality

YOUNG INVESTIGATOR AWARD RECIPIENT

Yi-Chen Lai, MD

Poly(ADP-Ribose) Polymerase-1 Contributes to Mitochondrial Dysfunction and CA1 Neuronal Damage Following Kainate Induced Status Epilepticus

NURSING MEMBER SCHOLARSHIP RECIPIENTS

Sponsor: Society of Critical Care Medicine Nursing Section

Teresa A. Rincon, RN, BSN, CCRN-E

8 Increased Documentation of ICD-9-CM Codes 995.92 and 785.52 with Template-Oriented Monitoring and Screening by a Tele-ICU

Louise Rose, MSN, CCRN, PhD

562 Recumbency with Continuous Measurement Using Bed-Dials, Education and Teamwork (Recumbent)

ANNUAL SCHOLARSHIP RECIPIENTS

2 Enhanced Access to Neurointensivists Through a Telemedicine Program

7 A Lean Focused Rounding Process in a Pediatric ICU Increases Efficiency, Optimizes Resources and Improves Satisfaction

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<td>7:30 a.m.—5:00 p.m.</td>
<td>Meeting: Splash 9 Lunch: Splash 11</td>
<td>Fontainebleau</td>
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<td><strong>FRIDAY, JANUARY 8, 2010</strong></td>
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<tr>
<td>Board of Regents</td>
<td>7:30 a.m.—5:00 p.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Strategic Planning Committee Meeting</td>
<td>8:00 a.m.—1:00 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>American Academy of Pediatrics</td>
<td>8:00 a.m.—5:00 p.m.</td>
<td>Splash 2</td>
<td>Fontainebleau</td>
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<tr>
<td>Surviving Sepsis Campaign Guideline Update</td>
<td>8:00 a.m.—5:00 p.m.</td>
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<tr>
<td>USCIIT Group</td>
<td>10:00 a.m.—5:00 p.m.</td>
<td>B210-B211 and B212-B213</td>
<td>Convention Center</td>
</tr>
<tr>
<td>American Society of Critical Care Anesthesiologists (ASCCA)</td>
<td>12:00 p.m.—4:00 p.m.</td>
<td>Splash 1</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Congress Program Committee</td>
<td>1:00 p.m.—4:00 p.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Finance Committee</td>
<td>1:30 p.m.—2:30 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Pre-Congress Symposium -- The Future of Critical Care Pharmacy Practice: Visionary Opinions</td>
<td>3:00 p.m.—5:00 p.m.</td>
<td>C223</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section New Members and First Congress Attendees Orientation</td>
<td>8:00 p.m.—9:00 p.m.</td>
<td>Ocean Promenade West</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Member Reception</td>
<td>9:00 p.m.—11:00 p.m.</td>
<td>Sparkle West</td>
<td>Fontainebleau</td>
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<tr>
<td><strong>SATURDAY, JANUARY 9, 2010</strong></td>
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<tr>
<td>Osteopathic Medicine Section Business Meeting</td>
<td>7:00 a.m.—8:00 a.m.</td>
<td>D232</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Advanced Practice Nursing Committee Meeting</td>
<td>7:00 a.m.—8:00 a.m.</td>
<td>C223</td>
<td>Convention Center</td>
</tr>
<tr>
<td>American College of CHEST Physicians Leadership Meeting</td>
<td>8:00 a.m.—5:00 p.m.</td>
<td>Splash 1</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Pre-Meeting for Resident ICU Program</td>
<td>9:00 a.m.—9:30 a.m.</td>
<td>D238</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Chapter and Affiliate Executive Committee Meeting</td>
<td>9:00 a.m.—10:00 a.m.</td>
<td>D237</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Anesthesiology Section Steering Committee Meeting</td>
<td>9:30 a.m.—10:30 a.m.</td>
<td>A108</td>
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</tr>
<tr>
<td>ACCM Credentials Committee Meeting</td>
<td>9:30 a.m.—10:30 a.m.</td>
<td>B213</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Emergency Medicine Section Business Meeting</td>
<td>9:30 a.m.—10:30 a.m.</td>
<td>C223</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Steering Committee Meeting</td>
<td>9:30 a.m.—10:30 a.m.</td>
<td>D232</td>
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<tr>
<td>Clinical Pharmacy and Pharmacology Section Steering Committee Meeting</td>
<td>9:30 a.m.—11:00 a.m.</td>
<td>D235</td>
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</tr>
<tr>
<td>Pediatrics Section Steering Committee Meeting</td>
<td>9:30 a.m.—11:30 a.m.</td>
<td>D236</td>
<td>Convention Center</td>
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<tr>
<td>Audit Committee</td>
<td>10:00 a.m.—11:00 a.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Chapter and Affiliate Committee Meeting</td>
<td>10:00 a.m.—11:00 a.m.</td>
<td>D237</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatric Multiprofessional Critical Care Review Course</td>
<td>10:00 a.m.—11:00 a.m.</td>
<td>B212</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Postgraduate and Fellowship Education Committee</td>
<td>10:00 a.m.—11:00 a.m.</td>
<td>B210</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SSC Regional Paper Work Group</td>
<td>10:00 a.m.—11:00 a.m.</td>
<td>D238</td>
<td>Convention Center</td>
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<tr>
<td>FDM Subcommittee</td>
<td>10:00 a.m.—12:00 p.m.</td>
<td>D233</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Glycemic Control</td>
<td>10:00 a.m.—12:00 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Ultrasound</td>
<td>10:00 a.m.—12:00 p.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Internal Medicine Section Business Meeting</td>
<td>10:30 a.m.—11:30 a.m.</td>
<td>D240</td>
<td>Convention Center</td>
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<tr>
<td>Pay for Performance Committee</td>
<td>10:30 a.m.—11:30 a.m.</td>
<td>B211</td>
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</tr>
<tr>
<td>ACCM Guideline Utilization Committee</td>
<td>11:00 a.m.—12:00 p.m.</td>
<td>B213</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Communications Committee Meeting</td>
<td>11:00 a.m.—12:00 p.m.</td>
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</tr>
<tr>
<td>Pediatric Current Concepts in Critical Care</td>
<td>11:00 a.m.—12:00 p.m.</td>
<td>B212</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Carolinas/Virginia Chapter</td>
<td>11:00 a.m.—12:30 p.m.</td>
<td>D239</td>
<td>Convention Center</td>
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<tr>
<td>Nominating Committee</td>
<td>11:30 a.m.—12:00 p.m.</td>
<td>D238</td>
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</tr>
<tr>
<td>Nursing Section Membership Subcommittee Meeting</td>
<td>11:30 a.m.—12:30 p.m.</td>
<td>D232</td>
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</tr>
<tr>
<td>Pediatrics Section Resident Education Committee Meeting</td>
<td>11:30 a.m.—12:30 p.m.</td>
<td>C223</td>
<td>Convention Center</td>
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<tr>
<td>Physician Assistants Section Business Meeting</td>
<td>11:30 a.m.—12:30 p.m.</td>
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<tr>
<td>Clinical Pharmacy and Pharmacology Section Program Committee Meeting</td>
<td>12:00 p.m.—1:30 p.m.</td>
<td>D235</td>
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### Sunday, January 10, 2010 Continued

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<tr>
<td>Guidelines for GI Prophylaxis</td>
<td>12:00 p.m.–2:00 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Models of Critical Care Delivery</td>
<td>12:00 p.m.–2:00 p.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Billing and Coding Committee Meeting</td>
<td>12:30 p.m.–1:30 p.m.</td>
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<td>Convention Center</td>
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<tr>
<td>Undergraduate Education Committee</td>
<td>1:00 p.m.–2:00 p.m.</td>
<td>D233</td>
<td>Convention Center</td>
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<tr>
<td>Research Committee</td>
<td>1:30 p.m.–3:30 p.m.</td>
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<tr>
<td>Tele-ICU Committee</td>
<td>2:00 p.m.–4:00 p.m.</td>
<td>D236</td>
<td>Convention Center</td>
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<tr>
<td>Guidelines for Futility</td>
<td>2:00 p.m.–4:00 p.m.</td>
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<tr>
<td>Guidelines for Organ Donation</td>
<td>2:00 p.m.–4:00 p.m.</td>
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<tr>
<td>Rapid Response System Business Meeting</td>
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<tr>
<td>Pharmacotherapy Conference</td>
<td>2:30 p.m.–3:30 p.m.</td>
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<tr>
<td>Strategic Planning Committee</td>
<td>2:30 p.m.–3:30 p.m.</td>
<td>B210</td>
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<tr>
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<td>3:00 p.m.–4:00 p.m.</td>
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<td>Patient and Family Support Meeting</td>
<td>3:00 p.m.–5:00 p.m.</td>
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<tr>
<td>Strategic Education Committee</td>
<td>3:30 p.m.–5:00 p.m.</td>
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<tr>
<td>Quality Representative Discussion Meeting</td>
<td>4:00 p.m.–5:00 p.m.</td>
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<tr>
<td>Texas Chapter</td>
<td>4:00 p.m.–5:00 p.m.</td>
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<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Robing Room</td>
<td>5:00 p.m.–9:00 p.m.</td>
<td>Sparkle West Fontainebleau</td>
<td></td>
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<tr>
<td>Norma J. Shoemaker Grant Committee</td>
<td>5:15 p.m.–6:30 p.m.</td>
<td>Plunge Fontainebleau</td>
<td></td>
</tr>
<tr>
<td>ACCM Convocation</td>
<td>6:00 p.m.–7:30 p.m.</td>
<td>Fontaine Ballroom/Fleur de Lis Fontainebleau</td>
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<td>In-Training Breakfast</td>
<td>7:00 a.m.–8:00 a.m.</td>
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<tr>
<td>Pediatrics Section Patient Safety and Quality Committee Meeting</td>
<td>7:00 a.m.–8:00 a.m.</td>
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<tr>
<td>Nursing Section Business Meeting/Expert Nurse Panel and Member Breakfast Reception</td>
<td>7:00 a.m.–8:15 a.m.</td>
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<tr>
<td>CCM and PCCM Combined Editorial Board Meeting</td>
<td>7:00 a.m.–8:30 a.m.</td>
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<tr>
<td>Graduate and Resident Education Committee</td>
<td>7:00 a.m.–9:00 a.m.</td>
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<tr>
<td>Membership Committee Meeting</td>
<td>7:30 a.m.–9:00 a.m.</td>
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<tr>
<td>Disaster Toolkit Committee Meeting</td>
<td>9:00 a.m.–10:00 a.m.</td>
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<tr>
<td>Guidelines for Admission, Discharge and Triage in the Pediatric ICU</td>
<td>9:00 a.m.–11:00 a.m.</td>
<td>D236</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Neurological Death in Children</td>
<td>9:00 a.m.–11:00 a.m.</td>
<td>D236</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Paragon Quality Improvement Committee</td>
<td>9:00 a.m.–11:00 a.m.</td>
<td>D235</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Section Chairs Meeting</td>
<td>9:00 a.m.–11:00 a.m.</td>
<td>D233</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Billing and Coding Oversight Committee</td>
<td>9:30 a.m.–10:30 a.m.</td>
<td>D237</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Southeast Chapter</td>
<td>9:30 a.m.–10:30 a.m.</td>
<td>B212</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Anesthesiology Section Business Meeting</td>
<td>10:00 a.m.–11:00 a.m.</td>
<td>B118</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Long Term Consequences Conference Business Meeting</td>
<td>10:00 a.m.–11:00 a.m.</td>
<td>D238</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Advanced Nursing Practice Committee and Professional Development Meeting</td>
<td>10:00 a.m.–11:00 a.m.</td>
<td>D232</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Ultrasound Committee Meeting</td>
<td>10:00 a.m.–11:00 a.m.</td>
<td>B116</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Education Committee Meeting</td>
<td>10:00 a.m.–11:30 a.m.</td>
<td>B211</td>
<td>Convention Center</td>
</tr>
<tr>
<td>FCCS Program Committee</td>
<td>10:00 a.m.–12:00 p.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Fellowship Directors Committee Meeting</td>
<td>10:00 a.m.–12:00 p.m.</td>
<td>B121</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Nominating Committee Meeting</td>
<td>10:30 a.m.–11:30 a.m.</td>
<td>B113</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Advocacy Committee</td>
<td>10:30 a.m.–12:30 p.m.</td>
<td>A108</td>
<td>Convention Center</td>
</tr>
<tr>
<td>North Central Chapter</td>
<td>11:00 a.m.–12:00 p.m.</td>
<td>D239</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Fellowship Services Committee Meeting</td>
<td>11:00 a.m.–12:00 p.m.</td>
<td>B120</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Research Subcommittee Meeting</td>
<td>11:00 a.m.–12:00 p.m.</td>
<td>D236</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Admission, Discharge and Triage in the ICU</td>
<td>11:00 a.m.–1:00 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>General Guideline Meeting</td>
<td>11:00 a.m.–1:00 p.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>MEETING</td>
<td>TIME</td>
<td>ROOM</td>
<td>FACILITY</td>
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<tr>
<td>------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Surgery Section Subcommittee Meeting</td>
<td>11:00 a.m.–1:00 p.m.</td>
<td>D233</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Business Meeting</td>
<td>11:30 a.m.–1:00 p.m.</td>
<td>A208</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Distinguished Investigator Committee Meeting</td>
<td>12:00 p.m.–1:00 p.m.</td>
<td>B115</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatric Section Fellows Committee Meeting</td>
<td>12:00 p.m.–1:00 p.m.</td>
<td>B116</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Palliative Care Committee Meeting</td>
<td>12:00 p.m.–1:00 p.m.</td>
<td>B212</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Neuroscience Section Business Meeting</td>
<td>12:30 p.m.–1:30 p.m.</td>
<td>B121</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Research in Clinical Practice Task Force</td>
<td>12:30 p.m.–2:00 p.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Sedation and Pharmacologic Support of Critically Ill Children</td>
<td>1:00 p.m.–3:00 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Systemic Analgesia and Sedation for Patients in the ICU</td>
<td>1:00 p.m.–5:00 p.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Voluntary Membership Liaison Orientation</td>
<td>2:00 p.m.–3:00 p.m.</td>
<td>D239</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Focus Committee - Hypothermia</td>
<td>2:00 p.m.–4:00 p.m.</td>
<td>D232</td>
<td>Convention Center</td>
</tr>
<tr>
<td>PFCCS Program Committee</td>
<td>2:00 p.m.–4:00 p.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>The Critical Care Societies Collaborative</td>
<td>2:30 p.m.–4:30 p.m.</td>
<td>A108</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Medication Safety Use</td>
<td>3:00 p.m.–5:00 p.m.</td>
<td>D235</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Industry and Technology Section Business Meeting</td>
<td>3:30 p.m.–4:30 p.m.</td>
<td>B121</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Regionalization Task Force</td>
<td>4:00 p.m.–5:00 p.m.</td>
<td>B115</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Ethics Committee</td>
<td>4:00 p.m.–5:30 p.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines Management Committee</td>
<td>5:00 p.m.–6:30 p.m.</td>
<td>Plunge</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Baylor College of Medicine Alumni Reception</td>
<td>5:30 p.m.–6:30 p.m.</td>
<td>Glimmer 2</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>National Institutes of Health Alumni Reception</td>
<td>6:00 p.m.–8:00 p.m.</td>
<td>Splash 14</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>The Ohio State University Medical Center Reception</td>
<td>6:30 p.m.–9:30 p.m.</td>
<td>Splash 9</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>UPMC Department of Critical Care Medicine Reunion</td>
<td>7:00 p.m.–9:00 p.m.</td>
<td>Glimmer 1</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Miami Children’s Hospital Dinner Reception</td>
<td>7:00 p.m.–10:00 p.m.</td>
<td>Glimmer 3</td>
<td>Fontainebleau</td>
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</tbody>
</table>

**TUESDAY, JANUARY 12, 2010**

<table>
<thead>
<tr>
<th>MEETING</th>
<th>TIME</th>
<th>ROOM</th>
<th>FACILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Past Presidents’ Breakfast</td>
<td>7:00 a.m.–8:00 a.m.</td>
<td>C220</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Board of Regents</td>
<td>7:30 a.m.–11:00 a.m.</td>
<td>C226</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ICU Design Award Committee Meeting</td>
<td>8:30 a.m.–10:30 a.m.</td>
<td>C225</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Ohio Chapter</td>
<td>9:00 a.m.–10:00 a.m.</td>
<td>D239</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Practice Survey Committee</td>
<td>9:00 a.m.–10:00 a.m.</td>
<td>D238</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Research Committee Meeting</td>
<td>9:00 a.m.–10:30 a.m.</td>
<td>D233</td>
<td>Convention Center</td>
</tr>
<tr>
<td>The Accreditation and Online Learning Committee</td>
<td>9:00 a.m.–11:00 a.m.</td>
<td>D229</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Adult Multiprofessional Critical Care Review Course</td>
<td>10:00 a.m.–11:00 a.m.</td>
<td>D232</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ICU REPORT</td>
<td>10:00 a.m.–12:00 p.m.</td>
<td>D238</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Uniformed Services Section Business Meeting</td>
<td>10:30 a.m.–11:30 a.m.</td>
<td>D233</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Membership Committee Meeting</td>
<td>10:30 a.m.–12:00 p.m.</td>
<td>B117</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Adult Current Concepts in Critical Care</td>
<td>11:00 a.m.–12:00 p.m.</td>
<td>D236</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Business Meeting</td>
<td>11:30 a.m.–1:30 p.m.</td>
<td>C223</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Respiratory Care Section Business Meeting</td>
<td>11:30 a.m.–1:30 p.m.</td>
<td>B115</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Surgery Section Business Meeting</td>
<td>12:00 p.m.–1:30 p.m.</td>
<td>A208</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SCCM/ESICM Business Meeting</td>
<td>12:30 p.m.–2:00 p.m.</td>
<td>A107</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SCCM Business Meeting</td>
<td>2:30 p.m.–3:15 p.m.</td>
<td>A209</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Town Hall</td>
<td>3:15 p.m.–4:15 p.m.</td>
<td>A209</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Business Meeting</td>
<td>4:15 p.m.–5:00 p.m.</td>
<td>A209</td>
<td>Convention Center</td>
</tr>
</tbody>
</table>

**WEDNESDAY, JANUARY 13, 2010**

<table>
<thead>
<tr>
<th>MEETING</th>
<th>TIME</th>
<th>ROOM</th>
<th>FACILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Council Meeting</td>
<td>7:30 a.m.–11:00 a.m.</td>
<td>Splash 9</td>
<td>Fontainebleau</td>
</tr>
<tr>
<td>Physician-Patient Ratio Task Force</td>
<td>10:30 a.m.–6:00 p.m.</td>
<td>Dive Boardroom</td>
<td>Fontainebleau</td>
</tr>
</tbody>
</table>
Exhibit Hall Floor Plan
Introducing CARESCAPE™ Monitor B850: The Evolution of Critical Care

Sponsored by GE Healthcare

Presenters:
Kara Anderson, RN, BSN, CCRN
Clinical Sales Specialist
GE Healthcare
Madison, Wisconsin, USA

Bill Kohn
Commercial Marketing Manager
GE Healthcare
Madison, Wisconsin, USA

Unlike traditional patient monitors, CARESCAPE™ Monitor B850 directly links hospital networks, electronic medical records, diagnostic images, lab results, and third-party devices with real-time patient monitoring data, to support efficient clinical decision-making. This enables CARESCAPE™ Monitor B850 to integrate its continuous clinical measurements with other elements of the patient record, delivering it at the point of care. The product theater workshop will use a combination of power point slides and actual screen displays to introduce the CARESCAPE™ Monitor B850 hardware and software with a particular emphasis on critical care workflow and functionality.

The Economics of Intra-Abdominal Pressure Monitoring in Today’s Cost-Conscious Market

Sponsored by Wolfe Tory

Presenter:
Edward J. KIMBALL, MD, MSc
University Hospital
Salt Lake City, Utah, USA

Undetected and untreated elevations in intra-abdominal pressure (IAP) increase organ dysfunction and delay ICU discharge. By using the AbViser IAP monitoring system ICU clinicians can rapidly detect IAP warning signs, allowing simple and cost-effective bedside interventions to arrest disease progression. The result is reduced organ dysfunction, faster extubation, fewer surgical interventions, and substantial cost savings.

IV Filtration in the ICU: Reducing Complications and Improving Outcomes

Sponsored by Pall Medical

Presenter:
Michael SASSE, MD
Hannover Medical School
Hannover, Niedersachsen, Germany

Michael Sasse and his team at Hannover Medical School have just completed statistics on a filter study in which they recruited more than 800 patients and compared complication rates in the groups using or not using filters for IV solutions. The study is listed in the Clinical Trials database http://clinicaltrials.gov/ct2/show/NCT00209768). When you attend our product theater workshop, you will learn the role that infused particles play in the morbidity of patients receiving IV infusion therapy, as well as how filtration of those IV solutions can positively impact patient health and safety.
30th ISICEM (International Symposium on Intensive Care and Emergency Medicine)
Booth# 215
Route de Lennik 808
Hospital Erasme
Brussels 1070
Belgium
Phone: +32 2555 4757
Web site: www.intensive.org

The objective of this four-day symposium is to review concepts and technology and present recent advances in the management of critically ill patients. The symposium includes formal presentations as well as practical discussions such as tutorials, round tables, pro-con debates, “meet the experts,” etc. Original scientific posters will also be presented. The meeting is open to all physicians, nurses and other allied health professionals interested in intensive care and emergency medicine.

Abbott Nutrition
Booth# 911
3300 Stelzer Road
Columbus, Ohio 43219
United States
Phone: +1 800 231-3330
Web site: www.abbottnutrition.com

Abbott Nutrition is a leading manufacturer of enteral nutritional products. Oxepa® is specialized therapeutic nutrition for modulating inflammation in patients with sepsis, ARDS, and acute lung injury. Clinical trials show reduced time on ventilator, reduced ICU length of stay, reduced new organ failures, and reduced mortality rates. Please visit our booth for recently published studies.

AdvanDx
Booth# 835
10A Roessler Road
Woburn, Massachusetts 01801
United States
Phone: +1 781 376-0009
Web site: www.advandx.com

AdvanDx is the world’s leading provider of fast, accurate and easy-to-use in vitro molecular diagnostic products that advance the prevention, diagnosis and treatment of infectious pathogens. AdvanDx’s products and services enable dramatic improvements in patient care and outcomes while reducing hospital costs.

Air Force Reserve
Booth# 210
1000 Corporate Pointe
Warner Robins, Georgia 31088
United States
Phone: +1 478 327-0159

The Air Force Reserve is a part-time commitment. By joining the Air Force Reserve, you can make a significant impact on the world and your career. Opportunities exist for humanitarian and peacetime missions around the world. Some specialties may be eligible to receive student loan repayments or special pay incentives.

American Association of Critical-Care Nurses (AACN)
Booth# 205
101 Columbia
Aliso Viejo, California 92656
United States
Phone: +1 949 362-2050
Web site: www.aacn.org

The American Association of Critical-Care Nurses represents the interests of 500,000 acute and critical care nurses and is working toward a healthcare system driven by the needs of patients and families where nurses make their optimal contribution. AACN membership includes the benefits of free CE’s, award-winning journals, educational programs and products.

American College of Chest Physicians
Booth# 206
3300 Dundee Road
Northbrook, Illinois 60062
United States
Phone: +1 847 498-1400
Web site: www.chestnet.org

A recognized leader in continuing education for pulmonary, critical care, and sleep medicine, the ACCP regularly offers state-of-the-art simulation exercises to provide hands-on learning opportunities. Learn how ACCP simulation courses can help you develop the cognitive, technical, and behavioral skills needed for optimal patient care across a variety of situations.

Applied Medical Technology, Inc.
Booth# 516
8000 Katherine Boulevard
Brecksville, Ohio 44141
United States
Phone: +1 440 717-4246
Web site: www.appliedmedical.net

The AMT Bridle Nasal Tube Retaining System was developed to help avoid the high cost of nasal tube pullouts, while simultaneously improving patient outcomes. The bridle is easily placed by passing magnets within the nasopharynx, which allows umbilical tape to be looped around the vomer bone, and then anchored to the tube with a clip. Routine bridling has become the standard of care for many ICUs due to cost prevention and improved patient outcomes.

Argutus Medical
Booth# 10-40
Unit 9
Trinity Technology & Enterprise Campus
Dublin, Ireland
Phone: +35 3167 08576
Web site: www.argutusmed.com

39th CRITICAL CARE CONGRESS PROGRAM | SOCIETY OF CRITICAL CARE MEDICINE • 83

NEW EXHIBITOR

Army National Guard
Booth# 730
1411 Jefferson Davis Highway
Suite 3400
Arlington, Virginia 22202
United States
Phone: +1 703 607-2014

A division of the Army National Guard. AMEDD provides information on the unique opportunities for medical professionals to continue serving their community and country by joining one of the biggest health care networks in the world. Receive tangible benefits for serving in defense of your country—visit us to find out more!

Aspect Medical Systems, Inc.
Booth# 1116
1 Upland Road
Norwood, Massachusetts 02062-1546
United States
Phone: +1 617 559-7000
Web site: www.aspectms.com

Recently acquired by Covidien, a leading global healthcare products company, Aspect Medical Systems, Inc. manufactures and markets patient monitoring technology that directly measures the effects of anesthetics and sedatives on the brain. By using Aspect’s BIS® technology, clinicians are able to optimize administration of anesthetics and sedatives and improve the cost effectiveness, quality and safety of patient care.

B. Braun Medical Inc.
Booth# 826
824 12th Avenue
Bethlehem, Pennsylvania 18018
United States
Phone: +1 800 848-2066
Web site: www.bbraun.com

The Renal Therapies Division of B. Braun Medical offers a full line of Continuous Renal Replacement Therapy (CRRT) products. These products include the Diapact® CRRT System for continuous renal replacement and plasmapheresis, CRRT disposable tubing kits for the various therapies, and Duosol bicarbonate based dialysate CRRT solution. Stop by our booth to see a demonstration of the Diapact CRRT system.

Bard Access Systems
Booth# 1207
605 North 5600 West
Salt Lake City, Utah 84116
United States
Phone: +1 801 595-0700
Web site: www.bardaccess.com

Bard Access Systems invites you to visit our booth and learn about the exciting PowerPICC SOLO (2) Catheter, the world’s first proximally valved, heparin-free, power injectable PICC. The PowerPICC SOLO2 can also be used for CVP monitoring. We will also have the Site-Rite 6 Ultrasound System, and Sherlock 3CG Tip Positioning System.
Bard Medical Division  
Booth# 1103  
8195 Industrial Boulevard  
Covington, Georgia 30014  
United States  
Phone: +1 800 261-4455  
Web site: www.bardmedical.com  
Agento™ I.C. silver-coated endotracheal tube [ETT] is a scientifically proven VAP preventative device for patients at risk of intubation for 24 hours or longer that minimizes user dependence. In a multicenter clinical trial including 2003 patients in 54 sites, Agento™ I.C. reduced microbiologically confirmed VAP by 36% overall, and by 48% for patients intubated within the first 10 days.

Baxter Healthcare  
Booth# 300  
One Baxter Parkway  
Deerfield, Illinois 60015  
United States  
Web site: www.baxter.com  
This booth will be staffed by representatives from the Medication Delivery Global Medical and Clinical Affairs department of Baxter to address clinical and scientific inquiries on Baxter Medication Delivery’s portfolio of products.

Baxter Healthcare Corporation Medication Delivery  
Booth# 301  
25212 W. State Route 120  
Round Lake, Illinois 60073  
United States  
Phone: +1 800 4-BAXTER  
Web site: www.clinimix.com  
Baxter Healthcare Corporation has 75-plus years in developing Parenteral Nutrition solutions that work together to improve patient outcomes. Baxter offers clinicians and patients the broadest portfolio of Parenteral Nutrition in the industry and includes CLINIMIX Injections, our innovative commercially manufactured multi-chamber bag of Parenteral Nutrition formulations.

Baxter Healthcare  
Booth# 304  
95 Spring Street  
New Providence, New Jersey 07974  
United States  
Phone: +1 908 286-7000  
Web site: www.baxter.com  
Baxter stands for high-quality products, excellence in service and integrity in business practices. We are strongly committed to addressing and meeting the needs of our customers, to building successful relationships with our suppliers, and caring for our world community. Baxter’s pharmaceutical products include BREVILOC (esmolol HCl) injection in ready-to-use vials and BREVILOC PREMIXED (esmolol HCl in sodium chloride) injection ready-to-use bags.

Baxter Healthcare Corporation  
Booth# 307  
1620 Waukegan Road  
Waukegan, Illinois 60085  
United States  
Web site: www.baxter.com  
Baxter Healthcare is a leading global provider of dialysis products for home, in-center and critical care settings. Learn how the innovative and easy-to-use Aquarius System benefits you and your CRRT patients and interact with our customer-focused AdvancCNE nurse education program offering foundational education, refresher training and just-in-time support tools.

bioMerieux  
Booth# 1234  
100 Rodolphe Street  
Durham, North Carolina 27712  
United States  
Phone: +1 919 620-2000  
Web site: www.biomerieux-usa.com  
bioMerieux is a world leader in in vitro diagnostic solutions (instruments, reagents, software) which determine the source of disease and contamination, improve patient health and ensure consumer safety. Our award-winning diagnostic solutions identify infectious diseases and provide high medical value results for cardiovascular emergencies, early indication of sepsis and guide patient therapy management.

BMEYE  
Booth# 829  
Academic Medical Center Suite K2-245  
Amsterdam, 1105 AZ Netherlands  
Phone: +31 266-6962  
Web site: www.bmeye.com  
Borgess Health  
Booth# 528  
1521 Gull Road  
Kalamazoo, Michigan 49048  
United States  
Phone: +1 269 226-5065  
Web site: www.borgess.com  
Borgess Medical Center is a 424-bed teaching hospital and Level I Trauma Center providing nationally recognized cardiac and neuro care with advanced capabilities in multiple specialties. Located in Kalamazoo, Michigan, Borgess offers a complete continuum of services to 11 million people living in 11 counties in southwest and south central Michigan.

Cadwell Laboratories, Inc.  
Booth# 201  
909 N Kellogg Street  
Kennewick, Washington 99336  
United States  
Phone: +1 509 245-3001  
Web site: www.cadwell.com  
Cadwell introduces the Evisio® EEG system for continuous brain monitoring in the ICU and other critical care environments. The system consists of a small foot print, easy to maneuver cart, all-in-one touch screen computer and special software to establish thresholds for burst suppression, asymmetry, alpha/delta ratio and other parameters with auditory and visual notifications.

Calmoseptine, Inc.  
Booth# 1130  
16602 Burke Lane  
Huntington Beach, California 92647  
United States  
Phone: +1 714 840-3405  
Web site: www.calmoseptineointment.com  
Calmoseptine Inc. promotes Calmoseptine Ointment for the prevention and treatment of skin irritations from moisture such as urinary and fecal incontinence. It is also effective for irritations from perspiration, wound drainage, fecal & vaginal fistulas and feeding tube site leakage. Calmoseptine Ointment temporarily relieves discomfort and itching. Free samples at our booth!

Cardiocrine, Inc.  
Booth# 1035  
7855 Ivanhoe Avenue  
Suite 226  
La Jolla, California 92037  
United States  
Phone: +1 858 454-0600  
Web site: www.cardiocrine.net  
Cardiocrine® specializes in non-invasive cardiac output monitoring for adult, pediatric, and neonatal applications. The comprehensive AESCULON® and the compact ICON® provide continuous estimations of cardiac output through the use of only 4 standard ECG leads. Implementation of Cardiocrine® monitors results in economical and operational benefits including reduction in costs and procedural risks.

CareFusion  
Booth# 317  
3750 Torrey View Court  
Palm Springs, California 92262  
United States  
Phone: +1 888 876-4287  
Web site: www.carefusion.com  
CareFusion brings technology and intelligence together to help make the care process easier for caregivers and safer for patients. Our clinically proven products and services help reduce medication errors and healthcare-associated infections. Our portfolio encompasses some of the most trusted brands in healthcare, including Alaris®, Chloraprep®, Nicolet®, Pyxis® and V. Mueller®.
Centurion Medical Products Corporation

Booth#725
P.O. Box 170
Howell, Michigan 48844
United States
Phone: +1 800 248-4058
Web site: www.centurionmp.com

Centurion Medical Products is a leader in developing unique products that improve patient experiences and provider cost outcomes. Developed with critical input from end users, Centurion® products include customized procedure trays including patented SnagFree® instruments, dressings and securement products, featuring SorbaView® SHIELD — a superior-strength, all-in-one dressing and catheter securement product.

Cerner Corporation

Booth#1001
2800 Rockcreek Parkway
Kansas City, Missouri 64117
United States
Phone: +1 816 201-1024
Web site: www.cerner.com

Cerner Critical Care solutions deliver an EMR, while automating the entire ICU environment in real-time. Delivering electronic documentation, virtual ICU capabilities, real-time device connectivity, an always-on view of the patient flowsheet and APACHE, the industry-leading outcomes management solution, our solutions work together to deliver the best possible patient outcomes.

Chattanooga, A DJO Company

Booth#631
4717 Adams Road
Hixson, Tennessee 37343
United States
Phone: +1 800 592-7329
Web site: www.chattgroup.com

Chattanooga, a world leader in rehabilitation equipment, created the Moveo™ XP to help medically complex patients in ICUs, long-term acute care hospitals, burn units and critical care facilities regain lower extremity strength. Through Moveo™ XP’s unique graded, weight-bearing exercise platform, bedridden patients become active participants on their way to mobility.

Cheetah Medical Inc.

Booth#929
2828 SW Corbett Avenue
Suite 215
Portland, Oregon 97201
United States
Phone: +1 503 241-5405
Web site: www.cheetah-medical.com

Cheetah Medical is a leading innovator in non-invasive cardiac output and hemodynamic monitoring. By providing non-invasive, continuous, and real-time information Cheetah’s products have been used in a broad range of clinical settings that include fluid and drug optimization for high-risk hospital patients, monitoring for kidney failure patients and Exercise Cardiac Output (ECO®) for heart failure patients. Cheetah Medical’s NICOM® products are based on our unique proprietary BIOREACTANCE® Technology and are cleared by FDA and CE marked.

Cincinnati Sub-Zero

Booth#827
1201 Mosteller Road
Cincinnati, Ohio 45241
United States
Phone: +1 513 772-8810
Web site: www.cszmedical.com

Cincinnati Sub-Zero has been delivering patient temperature management systems to healthcare professionals since 1963; we design with the patient in mind. Our complete line of products include therapeutic heating and cooling therapy units along with a complete line of warming and cooling blankets for body temperature regulation and hyper-hypothermia treatment.

CliniComp, Intl.

Booth#1211
9655 Towne Centre Drive
San Diego, California 92121
United States
Phone: +1 800 350-8202
Web site: www.clinicomp.com

CliniComp, Intl. is a global provider of mission-critical inpatient documentation solutions proven to improve the efficiency and safety of health care providers’ highest-acuity workflows. The Essentris® enterprise suite comprises integrated electronic charting and surveillance solutions specializing in critical, emergency and perinatal care built on an open systems architecture and delivering 100 percent uptime.

ConMed

Booth#734
525 French Road
Utica, New York 13502
United States
Phone: +1 315 732-6900
Web site: www.conmed.com

ConMed presents the ECOM endotracheal cardiac output monitor, providing continuous beat-to-beat monitoring of cardiac output, stroke volume and heart rate. ECOM is inserted using standard ET placement techniques. ConMed also presents the PRO, Pulse Reflectance Oximetry System, the only oximetry system cleared for use on the patient’s back and forehead.

Cook Medical

Booth#323
750 Daniels Way
Bloomington, Indiana 47404
United States
Phone: +1 800 468-1379
Web site: www.cookmedical.com

Cook Medical remains at the forefront of innovative products for critical care medicine. Cook manufactures the Ciaglia Blue Rhino® for percutaneous tracheostomy; a variety of catheters for Cerevis and drainage, Tiger 2™ Self-Advancing Nasal Jejunal feeding. Spectrum® minocycline/rifampin impregnated CVCs, and airway devices for intubation, exchange and extubation.

Covidien

Booth#923
6135 Gunbarrel Avenue
Boulder, Colorado 80301
United States
Phone: +1 303 305-2300
Web site: www.covidien.com

Covidien is a leading global healthcare products company that creates innovative medical solutions for better patient outcomes and delivers value through clinical leadership and excellence. Covidien manufactures, distributes and services a diverse range of industry-leading product lines in three segments: Medical Devices, Pharmaceuticals and Medical Supplies. Please visit www.covidien.com.

Crescendo Systems Corporation

Booth#1317
1600 Montgolfier
Laval, Quebec H7T 0A2
Canada
Phone: +1 450 973-8029
Web site: www.crescendo.com

Shaded boxes indicate companies that have contributed generous support toward the 39th Critical Care Congress.
Cumberland Medical
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2525 West End Avenue
Suite 950
Nashville, Tennessee 37203
United States
Phone: +1 615 255-0068
Web site: www.cumberlandpharma.com

Cumberland Pharmaceuticals, Inc.
Booth# 629
2525 West End Avenue
Suite 950
Nashville, Tennessee 37203
United States
Phone: +1 615 255-0068
Web site: www.cumberlandpharma.com

Draeger Medical, Inc
Booth# 841
3135 Quarry Road
Telford, Pennsylvania 18969
United States
Phone: +1 215 721-5400
Web site: www.draeger.com
For more than a century, Dräger has been manufacturing innovative respiratory support systems such as the pioneering PulmoR, legendary “iron lung” or the world’s first microprocessor-controlled ventilator. Dräger’s reputation as the market leader in ventilation therapy has been built on this tradition of innovation and the quality and reliability of ventilators.

Doxor Corporation
Booth# 1034
350 5th Avenue
Suite 7120
New York, New York 10118
United States
Phone: +1 212 330-8500
Web site: www.doxor.com
Doxor Corporation’s BVA-100® Blood Volume Analyzer is a semi-automated instrument patented for direct measurement of blood volume, red cell and plasma volume. The system utilizes the Volumex® injection-collection kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypoten-sion and syncope.

Eagle Hospital Physicians
Booth# 1019
5901 C Peachtree Dunwoody Road
Suite 350
Atlanta, Georgia 30328
United States
Phone: +1 866 574-9399
Web site: www.eaglehospitalphysicians.com
Eagle Hospital Physicians is a physician-led organization providing innovative solutions to inpatient care management. Through remote presence technology, Eagle supports a network of physicians with the ability to “be in two places at once.” Critical care specialists can conduct interdisciplinary rounds in the ICU, and consults interacting with patients from anywhere, anytime.

Eagle Lifesciences
Booth# 820
One Edwards Way
Irvine, California 92614
United States
Phone: +1 949 250-2500
Web site: www.edwards.com/criticalcare
Edwards Lifesciences offers an extensive line of hemodynamic monitoring solutions including the FloTrac sensor, the PreSep and PediaSat oximetry catheters, the Swan-Ganz PAC, TruWave pressure transducer and VAMP system. Since the introduction of the Swan-Ganz catheter in 1973, Edwards has partnered with clinicians to develop solutions that advance patient care. www.Edwards.com/CriticalCare. Visit us in booth #820...to learn more.

Eisai, Inc.
Booth# 1241
100 Tice Boulevard
Woodcliff Lake, New Jersey 07677
United States
Phone: +1 201 692-1100
Web site: www.eisai.com
Eisai, Inc. is a US Pharmaceutical subsidiary of Eisai Co. Ltd., a research-based human healthcare (HHC) company that discovers, develops and markets products throughout the world. Eisai focuses its efforts in the therapeutic areas: Neurology, Gastrointestinal Disorders and Oncology/Critical Care.

EKR Therapeutics, Inc.
Booth# 1137
1545 US Highway 206
Bedminster, New Jersey 07921
United States
Phone: +1 973 435-2524
Web site: www.ekrtx.com

Electomed, Inc.
Booth# 939
500 Sixth Avenue Northwest
New Prague, Minnesota 56071
United States
Phone: +1 952 758-0359
Web site: www.electomed.com

Elsevier
Booth# 1336
10810 SW 14th Court
Davie, Florida 33324
United States
Phone: +1 954 476-1122

Escalon Vascular Access, Inc.
Booth #1021
2440 S. 179th Street
New Berlin, Wisconsin 53146
United States
Phone: +1 800 433-8197
Web site: www.escalonvascularaccess.com

Escalon Vascular Access provides ultrasound guided devices for all your needs in Assisted Vascular Access. VascuView™ is our Visual Ultrasound line. PD Access™ is our Ultrasound Guided Needle Assemblies line. Both of these Assisted Vascular Access devices offer state of the art technology, ease of use, and superior imaging/vessel detection.

Gambro
Booth# 941
14143 Denver West Parkway
Suite 400
Lakewood, Colorado 80401
United States
Phone: +1 800 525-2623
Web site: www.gambro.com
Gambro has been at the forefront of continuous renal replacement therapy (CRRT) for more than 20 years. As a leader in CRRT, Gambro provides our customers with everything they need for a successful CRRT program: the Prismaflex® System, disposables, education, and 24/7 product and therapy support.

Gaymar Industries, Inc.
Booth# 534
10 Centre Drive
Davie, Florida 33324
United States
Phone: +1 954 476-1122
Web site: www.gaymar.com
Gaymar Industries offers a wide variety of products that deal with pressure ulcer management, treatment and preven-tion, as well as temperature therapy management.

Eagle Hospital Physicians
Booth# 1019
5901 C Peachtree Dunwoody Road
Suite 350
Atlanta, Georgia 30328
United States
Phone: +1 866 574-9399
Web site: www.eaglehospitalphysicians.com
Eagle Hospital Physicians is a physician-led organization providing innovative solutions to inpatient care management. Through remote presence technology, Eagle supports a network of physicians with the ability to “be in two places at once.” Critical care specialists can conduct interdisciplinary rounds in the ICU, and consults interacting with patients from anywhere, anytime.

Eisai, Inc.
Booth# 1241
100 Tice Boulevard
Woodcliff Lake, New Jersey 07677
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Phone: +1 201 692-1100
Web site: www.eisai.com
Eisai, Inc. is a US Pharmaceutical subsidiary of Eisai Co. Ltd., a research-based human healthcare (HHC) company that discovers, develops and markets products throughout the world. Eisai focuses its efforts in the therapeutic areas: Neurology, Gastrointestinal Disorders and Oncology/Critical Care.

EKR Therapeutics, Inc.
Booth# 1137
1545 US Highway 206
Bedminster, New Jersey 07921
United States
Phone: +1 973 435-2524
Web site: www.ekrtx.com

Electomed, Inc.
Booth# 939
500 Sixth Avenue Northwest
New Prague, Minnesota 56071
United States
Phone: +1 952 758-0359
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Davie, Florida 33324
United States
Phone: +1 954 476-1122

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Booth #1021
2440 S. 179th Street
New Berlin, Wisconsin 53146
United States
Phone: +1 800 433-8197
Web site: www.escalonvascularaccess.com

Escalon Vascular Access provides ultrasound guided devices for all your needs in Assisted Vascular Access. VascuView™ is our Visual Ultrasound line. PD Access™ is our Ultrasound Guided Needle Assemblies line. Both of these Assisted Vascular Access devices offer state of the art technology, ease of use, and superior imaging/vessel detection.

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Suite 400
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United States
Phone: +1 800 525-2623
Web site: www.gambro.com
Gambro has been at the forefront of continuous renal replacement therapy (CRRT) for more than 20 years. As a leader in CRRT, Gambro provides our customers with everything they need for a successful CRRT program: the Prismaflex® System, disposables, education, and 24/7 product and therapy support.

Gaymar Industries, Inc.
Booth# 534
10 Centre Drive
Davie, Florida 33324
United States
Phone: +1 954 476-1122
Web site: www.gaymar.com
Gaymar Industries offers a wide variety of products that deal with pressure ulcer management, treatment and preven-tion, as well as temperature therapy management.
Global Care Quest
Booth# 1127
2151 E. Grand Avenue
El Segundo, California 90245
United States
Phone: +1 424 218-8100
Web site: www.gcq.com

Disparate systems cause a loss in both efficiency and overall patient care, since the physician must search through a variety of systems just to piece together a total view of one particular patient. Global Care Quest’s integrated dashboard integrates all of those disparate systems onto a single view.

Gulfcoast Ultrasound Institute, Inc.
Booth# 1219
4615 Gulf Boulevard
Suite 205
St. Pete Beach, Florida 33706
United States
Phone: +1 727 363-4500
Web site: www.gcus.com

Gulfcoast Ultrasound Institute has provided CME programs and self-directed products to the medical professionals since 1985. Over 25,000 physicians and other medical professionals have awarded us with a 99% satisfaction rating. Accredited provider of AMA Category 1 credits. Participants-to-instructor ratio is 3:1.

Hamilton Medical, Inc.
Booth# 1229
P.O. Box 30008
Reno, Nevada 89520
United States
Phone: +1 800 426-6331
Web site: www.hamilton-medical.com

Hamilton Medical, Inc. will exhibit the G5, the most advanced, safest and easiest to use ICU ventilator for neonatal through adult populations and the C2, an innovative ICU and transport ventilator for pediatric through adult populations. Both the G5 and C2 provide touch screen operation, advanced graphic displays, and the only true closed loop mode of ventilation (ASV).

HCA Physician Recruitment
Booth# 1141
2 Maryland Farms
Suite 200
Brentwood, Tennessee 37027
United States
Phone: +1 866 889-0203
Web site: www.practicewithus.com

HCA owns and operates 165 Healthcare facilities in 20 states with opportunities coast to coast. Nashville-based HCA was one of the nations first hospital companies. We are committed to the care and improvement of human life. We strive to deliver high quality, cost effective healthcare that meets the needs of the communities we serve.

Hill-Rom
Booth# 311
1069 SP46E
Batesville, Indiana 47006
United States
Web site: www.hill-rom.com

Hill-Rom is a leading manufacturer and provider of medical technologies and services for the healthcare industry, including patient support systems, non-invasive therapeutic products, medical equipment rentals and information technology solutions.

Hollister Incorporated
Booth# 611
2000 Hollister Drive
Libertyville, Illinois 60048
United States
Phone: +1 847 918-3403
Web site: www.hollister.com

Hollister Incorporated is pleased to announce the ActiFlo™ Indwelling Bowel Catheter System. Its unique design reliably diverts and contains potentially infectious stool to help care for critically ill patients who are fecally incontinent. Reliable Protection starts here. For more information about the ActiFlo™ Indwelling Bowel Catheter System, please visit www.hollister-actiflo.com.

Hospira
Booth# 1000
275 N. Field Drive
Lake Forest, Illinois 60045
United States
Phone: +1 877 946-7747
Web site: www.hospira.com

For more information, stop by Hospira’s booth to learn the latest regarding EndoTool® Glucose Management System, Precedex® (dexmedetomidine HCl Injection) and Voluven® (6% Hydroxyethyl starch 130/0.4 in 0.9% sodium chloride injection) — See full prescribing information. Hospira is a global specialty pharmaceutical and medication delivery company dedicated to Advancing Wellness™. The company’s products help improve the safety, cost and productivity of patient care. Learn more at www.hospira.com.

HRA Research
Booth# 216,1237
400 Lanidex Plaza
Parsippany, New Jersey 07054
United States
Phone: +1 973 240-1200
Web site: www.hraresearch.com

Our team of experienced interviewers will be distributing carefully developed questionnaires. We’ll be gathering the answers to vital marketing and clinical questions-answers that can affect the introduction of new products or the continuation of existing healthcare products and services.

Hutchinson Technology Inc.
Booth# 620
40 West Highland Park Drive NE
Hutchinson, Minnesota 55350
United States
Phone: +1 320 587-3797
Web site: www.htibiomeasurement.com

The non-invasive InSpectra™ STO® Tissue Oxygenation Monitor provides continuous, real-time information for perfusion status monitoring; a new hemodynamic parameter that assists clinicians in the early detection of inadequate tissue perfusion (hypoperfusion). The InSpectra STO® System provides value by allowing clinicians to track patient response (regardless of the cause of hypoperfusion) to interventions in real-time, assisting with fluid management.

ICCU Imaging, Inc.
Booth# 830
168 Senneville Road
Senneville, Quebec H9X 2X3
Canada
Phone: +1 514 991-4154
Web site: www.iccuiimaging.ca

The curriculum on the use of bedside ultrasound in critical care from ICCU Imaging is a unique, comprehensive, resource which provides practical, accurate easy-to-use educational material to help medical providers learn how to perform a focused bedside ultrasound examination. The various curriculum are offered in different formats and are designed to teach the important theoretical and practical aspects about the performance of bedside ultrasound.

ImaCor, Inc.
Booth# 1329
50 Charles Lindbergh Boulevard
Suite 200
Uniondale, New York 11553
United States
Phone: +1 516 393-0970
Web site: www.imacormonitoring.com

ImaCor showcases the ClarITE™ probe, a miniaturized, indwelling transesophageal echocardiography monitoring system that allows direct visualization of cardiac size and function in the ICU up to 72 hours. The ClarITE™ probe allows intensive care clinicians to easily assess cardiac preload, intravascular volume status and left ventricular systolic function over time.
**Exhibitor Listing**

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth #</th>
<th>Address</th>
<th>Phone</th>
<th>Web Site</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>iMDsoft</strong></td>
<td>#101</td>
<td>300 First Avenue, Needham, Massachusetts 02494</td>
<td>+1 781 449-5567</td>
<td><a href="http://www.imd-soft.com">www.imd-soft.com</a></td>
</tr>
<tr>
<td><strong>KCI</strong></td>
<td>#821</td>
<td>8023 Vantage Drive, San Antonio, Texas 78230</td>
<td>+1 835-275-4524</td>
<td><a href="http://www.kcll.com">www.kcll.com</a></td>
</tr>
<tr>
<td><strong>LiDCO Ltd.</strong></td>
<td>#1140</td>
<td>Unit M, South Cambridge Business Park, Babraham Road, Sawston, Cambridge, CB22 3JH, Great Britain</td>
<td>+44 1223 830666</td>
<td><a href="http://www.ldico.com">www.ldico.com</a></td>
</tr>
<tr>
<td><strong>Lilly USA, LLC</strong></td>
<td>#1121</td>
<td>Lilly Corporate Center, Indianapolis, Indiana 46285</td>
<td>+1 317 276-2000</td>
<td><a href="http://www.lilly.com">www.lilly.com</a></td>
</tr>
<tr>
<td><strong>InTouch Health</strong></td>
<td>#1240</td>
<td>311 Enterprise Drive, Plainsboro, New Jersey 08536</td>
<td>+1 800 997-4868</td>
<td><a href="http://www.integra-us.com">www.integra-us.com</a></td>
</tr>
<tr>
<td><strong>International Sepsis Forum</strong></td>
<td>#211</td>
<td>7024 Palmetto Pines Lane, Land O’ Lakes, Florida 34637</td>
<td>+1 770 587-8000</td>
<td><a href="http://www.sepsisforum.org">www.sepsisforum.org</a></td>
</tr>
<tr>
<td><strong>Kinetic Concepts, Inc.</strong></td>
<td>#1311</td>
<td>1400 Holcomb Bridge Road, Roswell, Georgia 30076</td>
<td>+1 770 587-8000</td>
<td><a href="http://www.kcll.com">www.kcll.com</a></td>
</tr>
<tr>
<td><strong>Legacy Health</strong></td>
<td>#520</td>
<td>1120 NW 20th Street, Suite 111, Portland, Oregon 97209</td>
<td>+1 503 415-5982</td>
<td><a href="http://www.legacyhealth.org">www.legacyhealth.org</a></td>
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<tr>
<td><strong>Lilly USA, LLC</strong></td>
<td>#1135</td>
<td>45 Barbour Pond Drive, Wayne, New Jersey 07470</td>
<td>+1 888 627-8383</td>
<td><a href="http://www.maquetusa.com">www.maquetusa.com</a></td>
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<tr>
<td><strong>Integra</strong></td>
<td>#1240</td>
<td>311 Enterprise Drive, Plainsboro, New Jersey 08536</td>
<td>+1 800 997-4868</td>
<td><a href="http://www.integra-us.com">www.integra-us.com</a></td>
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<td><a href="http://www.ldico.com">www.ldico.com</a></td>
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**New Exhibitor**

**KCI**

Kinetic Concepts, Inc. (NYSE: KCI) is a leading global medical technology company devoted to the discovery, development, manufacture and marketing of innovative, high-technology therapies and products for the wound care, tissue regeneration and therapeutic support system markets. Headquartered in San Antonio, Texas, KCI’s success spans more than three decades and can be traced to a history deeply rooted in innovation and a passion for significantly improving the healing - and the lives - of patients around the world.

**International Sepsis Forum**

Headed by a Council of international experts, the ISF is focused on improving the management of severe sepsis and septic shock by developing an international consensus on the latest understanding of key scientific and clinical issues, and disseminating emerging practice guidelines to researchers, intensivists, and other critical care professionals worldwide.

**InTouch Health**

InTouch Health’s Remote Presence Robotic System enables physicians to more easily and frequently consult and round on hospital-based patients thereby improving hospital throughput, physician efficiency and quality of care. With RP-7™, the Remote Presence Robot, physicians are available on demand across multiple areas of high acuity (ICU, ER, patient wards).

**LiDCO Ltd.**

The LiDCOplus™ monitor, provides a range of hemodynamic parameters including beat to beat cardiac output (CO), oxygen delivery (DO2), stroke volume (SV), systemic vascular (SVR), blood pressure (BP) and dynamic preload parameters (PPV and SVV). The company also offers the LiDCORapid™ Hemodynamic Monitor which is designed to facilitate fast and effective fluid management across the perioperative environment.
Masimo
Booth# 310
40 Parker
Irvine, California 92618
United States
Phone: +1 949 297-7000
Web site: www.masimo.com
Masimo is a global medical technology company that develops and manufactures innovative noninvasive monitoring technologies, including medical devices and a wide array of sensors that enable earlier detection and treatment of potentially life-threatening conditions. A key medical technology innovator, Masimo is responsible for the invention of award-winning noninvasive technologies that are revolutionizing patient monitoring, including Masimo SET® pulse oximetry, Masimo Rainbow SET® Pulse CO-Oximetry, Masimo noninvasive and continuous total hemoglobin (SpHb™), and Masimo Patient SafetyNet™.

McMahon Publishing Group
Booth# 429
545 West 45th Street
8th Floor
New York, New York 10036
United States
Phone: +1 212 957-5300
Web site: www.mcmahonmed.com
McMahon Group offers clinical newspapers, educational products and conferencing services in a wide range of medical specialties. The 400,000 clinicians who consistently receive our publications, several of which are first ranked in syndicated readership scores, recognize McMahon Group as a trusted source for timely, cutting-edge medical news and education.

Medilite/Medilite Men’s
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San Clemente, California 92673
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Phone: +1 949 542-4100
Web site: www.medilite.com
High performance scrubs and lab coats for both female and male clinicians with gender specific garments of the very best quality, workmanship and functionality.

Medical Doctor Associates
Booth# 217
145 Technology Parkway NW
Norcross, Georgia 30092
United States
Phone: +1 800 780-3500
Web site: www.mdainc.com
Medical Doctor Associates (MDA) is the quality leader in healthcare staffing. They work with providers who qualify for the best, most comprehensive insurance available today. MDA provides Locum Tenens, Permanent Placement and Allied Health staffing. For more information on how quality makes a difference call 800 780-3500 X2168.

Medivance
Booth# 1217
321 S. Taylor Avenue
Unit 200
Louisville, Colorado 80027
United States
Phone: +1 877 267-2314
Web site: www.medivance.com

Natus Medical Incorporated
Booth# 417
1501 Industrial Road
San Carlos, California 94070
United States
Phone: +1 650 802-0400
Web site: www.natus.com
Stellate provides comprehensive solutions for Neurology and Polysomnography applications in clinical and research markets. Headquartered in Montreal, Canada, Stellate has been a pioneer in the development of computerized analysis software and complete systems for EEG, Epilepsy Monitoring, ICU Monitoring and Sleep Diagnostics. Natus Medical incorporated acquired Stellate in September 2009.

Nestlé Healthcare Nutrition
Booth# 1027
10801 Red Circle Drive
Minnetonka, Minnesota 55343
United States
Phone: +1 952 848-6000
Web site: www.nestlenutrition.us.com
Nestlé Healthcare Nutrition is dedicated to science-based nutrition products, services and education. A division of the world’s largest food company, Nestlé Healthcare Nutrition blends its knowledge of nutrition and science to meet the needs of acute and chronically ill patients with trusted brands like PEPTAMEN®, CRUCIAL®, and IMPACT®.

NeuroLogica
Booth# 623
14 Electronics Avenue
Danvers, Massachusetts 01923
United States
Phone: +1 877 564-8500
Web site: www.neurologica.com
NeuroLogica’s CereTom® is a compact, lightweight, portable, high-speed, battery and line powered multi-size CT scanner optimized primarily for head and neck. The system generates up to 8 slices per revolution and delivers the highest quality non-contrast, angiography, central perfusion and perfusion scans. The CereTom® revolutionizes critical care with full portable functionality.

NeuroOptics, Inc.
Booth# 316
17811 Sky Park Circle
Suite H
Irvine, California 92614
United States
Phone: +1 949 250-9792
Web site: www.neurooptics.com
The NeuroOptics NPI™-100 Pupillometer is a hand-held, cordless and simple to use device which removes subjectivity from the measurement of the pupillary light response. Now even the smallest changes in pupillary function which are not discernable to the naked eye are detectable by clinicians and can be measured and quantified.

Nova Biomedical
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200 Prospect Street
Waltham, Massachusetts 02454
United States
Phone: +1 800 458-5813
Web site: www.novabiomedical.com
NovaStatStrip® glucose test strips feature new Multi-Well™ technology that eliminates interferences from hemato crit, maltose, oxygen, acetalaminophen, ascorbic acid, and uric acid to meet the challenges of tight glycemic control. Stat Profile® Critical Care Xpress analyzers measure up to 20 tests from two drops of whole blood in less than 2 minutes.

Natus Medical Incorporated
Booth# 741
439 South Union Street
Lawrence, Massachusetts 01843
United States
Phone: +1 978 687-4700
Web site: www.nxstage.com
NxStage Medical, Inc. is a medical device company headquartered in Lawrence, Mass. that develops, manufactures, and markets innovative systems for the treatment of endstage renal disease and acute kidney failure. Over 2,200 home patients enjoy the freedom and flexibility of the System One™ hemodialysis machine, the first truly portable system designed for home hemodialysis. In hospital ICUs, NxStage is the equipment of choice for 7 of the top 10 kidney disease hospitals (as ranked by US News & World Report).

OmneoTech
Booth# 529
561 S 5468
Jupiter, Florida 33468
United States
Phone: +1 561 514-1660
Web site: www.omneoTech.com
OmneoTech introduces the Rescue Cath, a novel respiratory care catheter designed to remove airway secretions, biofilm and blood clots from endotracheal tubes. The Rescue Cath effectively clears endotracheal tube obstructions (without saline instillation, tube exchange or reintubation), which can reduce imposed work of breathing and facilitate bronchoscopic procedures.
On Call Medical Coats
SCCM Central
620 Franklin Avenue
Baltimore, Maryland 21221
United States
Phone: +1 877 355-2898
Web site: www.medicalcoats.com

We produce the finest traditional white coats available. We are not re-sellers of the mass-produced commodity-grade coats sold in uniform stores. We manufacture our coats domestically, and we offer sleeve and hem alterations, as well as embroidery of names and logos. We also offer the SCCM logo.

OptiScan Biomedical
Booth# 1118
21021 Corsair Boulevard
Hayward, California 94545
United States
Phone: +1 510 342-5800
Web site: www.optiscancorp.com

Bedside glucose measurement technologies for critically ill patients are inadequate due to the measurement inaccuracy, labor required of busy nursing staffs and intermittent values. The OptiScanner 5000™ is a continuous glucose monitoring system, the first designed to automatically measure in plasma, enabling highly accurate glucose measurements for critically ill patients.

Pall Medical
Booth# 727
25 Harbor Park Drive
Port Washington, New York 11050-4630
United States
Phone: +1 516 801-9858
Web site: www.pall.com

Pall Corporation, a world leader in medical filtration, will be highlighting its critical care and intravenous filter product lines at SCCM 2010. Visit us at Booth #727-729 to find out how the potential threat of particulates in IV solutions can be avoided through the use of Pall IV filters.

Passy-Muir Inc.
Booth# 731
4521 Campus Drive PMB 273
Irvine, California 92612
United States
Phone: +1 949 833-8255
Web site: www.passy-muir.com

Manufacturer of the Passy-Muir™ Tracheostomy & Ventilator Swallowing/Speaking Valves (PMV™), the only valves that have a closed position “no leak” design and are interchangeable for use on/off the ventilator. Research validates that PMVs improve swallowing, reduce aspiration, facilitate secretion management, and reduce weaning and decannulation time. Free educational materials: www.passy-muir.com.

PediaTry Medical Group
Booth# 518
1301 Concord Terrace
Sunrise, Florida 33323
United States
Phone: +1 954 384-0175
Web site: www.pediatry.com

Percussionaire Corporation
Booth# 1122
P.O. Box 817
Sandpoint, Idaho 83864
United States
Phone: +1 208 263-2549
Web site: www.percussionaire.com

Therapeutic Lung Recruitment exclusively from Percussionaire®, High Frequency Percussive Ventilation (HFPV) including the VDR® 4 intensive care ventilator for managing the most challenging patients (especially burn and trauma) and the related IPV® devices. Also the Bronchotron® high frequency transport device and the Oscillatron Servo® which allows HFOV to be added to an existing ventilator.

Pfizer, Inc.
Booth# 411 and 617
235 E. 42nd Street
New York, New York 10017
United States
Phone: +1 212 733-1000
Web site: www.pfizer.com

Founded in 1849, Pfizer is the world’s largest research-based pharmaceutical company taking new approaches to better health. We discover, develop, manufacture and deliver quality, safe and effective prescription medicines to treat and prevent disease for both people and animals.

Philips VISICU
Booth# 911
217 E. Redwood Street
Suite 1900
Baltimore, Maryland 21202
United States
Phone: +1 410 276-1960
Web site: www.visicu.com

Philips VISICU, a Philips Healthcare company, Philips VISICU is a healthcare information technology and clinical solutions company focused on transforming the delivery of critical care through its patented eICU® Program. Through remote monitoring technology and clinical intelligence, the eICU Program leverages critical care resources to provide enhanced coverage and early intervention, resulting in improved clinical and financial outcomes.

Pronia Medical Systems
Booth# 1340
7527 Beechspring Farm Boulevard
Louisville, Kentucky 40241
United States
Phone: +1 845 641-7621
Web site: www.proniamed.com

Pronia Medical Systems creates computerized systems that enhance patient care, reduce medical errors, lower healthcare costs, and analyze results over time and across medical units. Pronia manufactures the GlucoCare™ Intensive Glycemic Control System, a decision support system that helps ICU staff manage patients on insulin drip protocols.

Quest Medical, Inc.
Booth# 634
One Allentown Parkway
Allen, Texas 75002
United States
Web site: www.questmedical.com

Quest Medical, Inc. develops and manufactures fluid delivery products including needle-free injection sites, anesthesia manifolds, and other intravenous fluid delivery sets integrating Quest’s needle-free Q2® injectable cap. The Q2® injectable cap maintains a sterile, closed IV system without the worry of replacement caps. Q2® injection sites are available with and without one-way check valves to meet a variety of applications.

SAGE
Booth# 203
2455 Teller Road
Thousand Oaks, California 91320
United States
Phone: +1 805 410-7239
Web site: www.sagepub.com

SAGE an independent international publisher in the social sciences, technology and medicine - provides journals, books, and electronic media of the highest caliber. Researchers, students and professionals have relied on our innovative resources for over 40 years. Please stop by our booth or visit us at www.sagepub.com

Sage Products, Inc.
Booth# 840
3909 Three Oaks Road
Cary, Illinois 60013
United States
Phone: +1 800 323-2220
Web site: www.sageproducts.com

Sage Products provides simple interventions that help improve clinical outcomes. Focused on prevention, our innovative products help reduce the risk of infection and skin breakdown. Products include Comfort Bath® Cleansing Washcloths, Prevalon® Pressure Relieving Heel Protector, Tootette® Oral Care, Comfort Shield® Barrier Cloths and Sage® 2% Chlorhexidine Gluconate (CHG) Cloths.
relevant journals and books in this inter-
Neonatal Intensive Care, and many more
the European Society of Pediatric and
publishes
4,000 new books per year. Springer
publishing more than 1,250 journals and
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Springer is one of the leading interna-
Web site: www.springer.com
Phone: +1 215 460-1500
New York, New York 10013
233 Spring Street
Booth# 926
Springer

800 Sun Park Drive
Fenton, Missouri 63026
United States
Phone: +1 800-969-2363
Web site: www.bemes.com;
www.sontec.ch
The Sontec Monitor provides ACCURATE, continuous, non-invasive real time monitoring and patient trend memory, we can better assess patient ventilation and oxygenation in all clinical settings.

SonoSite
Booth# 1111
21919 30th Drive SE
Bothell, Washington 98021
United States
Phone: +1 425 657-8050
Web site: www.sonosite.com
Bedside ultrasound has become a valu-
able tool for physicians working in criti-
cal care environments to obtain immedi-
cate clinical information, improve patient
safety, increase efficiency and decrease complications. SonoSite has been active in critical care ultrasound for many years, and has designed its products with extensive input from intensivists.

Spacelabs Healthcare
Booth# 521
5150 220th Avenue SE
Issaquah, Washington 98029
United States
Phone: +1 425 657-7200
Web site: www.spacelabs.com
Spacelabs is bringing our latest technol-
y for Critical Care to the exhibition. Stop by for a demonstration of our latest monitoring and communications tools for analysis of critical patient parameter data, as well as our USCOM non-invasive, ultrasound cardiac output monitor. "This machine is saving lives".

Teleflex Medical
Booth# 1223
2917 Weck Drive
Durham, North Carolina 27709
United States
Phone: +1 866 246-6990
Web site: www.teleflexmedical.com
Teleflex Medical is a global provider of medical products and solutions designed to help healthcare providers improve outcomes, reduce infection and improve patient and provider safety. The company produces disposable medical products for critical care and surgical applications, surgical instruments and devices, cardiac devices and specialty products for device manufacturers.

The IMPACT Marketing Group
Booth# 1134
P.O. Box 307
Sparks, Maryland 21009
United States
Phone: +1 410 584-1221
The IMPACT Marketing Group is a full service marketing research firm that conducts primary research for phar-
maceutical and diagnostic companies. Topics typically researched include issues on patient management, new product prototypes and early stage product concept development. Methods employed include online research ser-
vice, focus groups, in-depth interviews and convention research.

The Intensivist Company
Booth# 1041
820 Evergreen Avenue
Pittsburgh, Pennsylvania 15209
United States
Phone: +1 800 655-2656
Web site: www.theintensivistcompany.com

The Intensivist Company is an ICU centric services company. We offer expertise in critical care medicine consulting, billing and recruitment. Under the Intensivist Company umbrella is: Intensivist Billing; Intensivist Consulting and Intensivist Jobs. The Intensivist Company is located at 820 Evergreen Avenue in Pittsburgh, Pennsylvania. Intensivist Billing provides comprehensive billing services and compliance programs for hospital-based specialties. Intensivist Consulting offers financial modeling and the development and implementation of Leapfrog compliant intensivist programs. Intensivist Jobs recruits physicians for hospitals, private physician groups and other institutional clients nationwide.

The Medicines Company
Booth# 601
8 Sylvan Way
Parsippany, New Jersey 07054
United States
Phone: +1 973 290-6000
Web site: www.themedicinescompany.com
The Medicines Company meets the demands of the world’s most advanced medical practitioners by developing pharmaceutical products that improve acute hospital care. The Company acquires, develops, and commercial-
izes pharmaceutical products in the late stages of their development and creates value using its range of clinical and com-
mercial skills to develop these products. The Medicines Company is currently developing products for acute hypertension and for acute coronary syndromes.

The University of Chicago Press
Booth# 1128
1427 E. 60th Street
Chicago, Illinois 60637
United States
Phone: +1 877 705-1878
Web site: www.journals.uchicago.edu
Established in 1891, the University of Chicago Press is the largest American university press. Chicago currently pub-
ishes nearly 50 leading journals and serials in a wide range of disciplines, including Clinical Infectious Diseases, The Journal of Infectious Diseases, and Infection Control and Hospital Epidemiology. Chicago also publishes approximately 250 books a year, and has published 11,000 books since its founding.

Thermo Fisher Scientific - BRAHMS
Booth# 711
127 Lubrano Drive
Suite 300
Annapolis, Maryland 21401
United States
Phone: +1 410 897-9960
Web site: www.brahms-usa.com
BRAHMS develops biochemical tests used worldwide to assist physicians in the diagnosis and management of life-
threatening diseases. BRAHMS USA’s Procalcitonin is an FDA-cleared assay for the diagnosis of severe bacterial infection. Research on new biomarkers within cardiovascular disease indicates great potential for the markers MRpro-
ANP, MRpro-ADM, CTpro-AVP, and CTpro-ET1.
Acetaminophen Clinical Toxicity Tool© is available for the iPhone and BlackBerry. This tool gives physicians the practical knowledge they need to manage Acetaminophen Toxicity. This tool simplifies the decision approach by giving the possible hepatotoxicity range, based on Rummack-Matthew nomogram. The tool gives the recommended treatment for acetaminophen poisoning.

**Transonic Systems, Inc.**
**Booth# 1325**
34 Dutch Mill Road
Ithaca, New York 14850
United States
Phone: +1 607 257-5300
Web site: www.transonic.com

Costatus® offers quick, safe, minimally invasive, on-the-spot measurements of cardiac output and various blood volume parameters in children, adolescents and adults in ICU units, Trauma and Burn Centers, and/or Catheterization Labs. The flow-dilution technology uses an innocuous saline indicator with existing arterial and venous catheters.

**Vapotherm, Inc.**
**Booth# 1017**
198 Log Canoe Circle
Stevensville, Maryland 21666
United States
Phone: +1 410 604-3977
Web site: www.vapotherm.com

Vapotherm produces the 2000i® and the Precision Flow®, respiratory therapy devices that allow high flows of breathing gases to be delivered via nasal cannula, using patented membrane technology to warm and saturate the gas stream. Vapotherm is defined by its ability to deliver 1 - 40 lpm in neonatal, pediatric, and adult applications.

**Verathon Medical**
**Booth# 721**
20001 North Creek Parkway
Bothell, Washington 98011
United States
Phone: +1 425 867-1348
Web site: www.verathon.com

Verathon® develops and manufactures unique, easy-to-use products designed to help medical professionals improve healthcare. GlideScope® video laryngoscopes are designed to provide a clear, real-time view of the airway and tube placement, enabling quick intubation. BladderScan® bladder volume instruments help diagnose urinary conditions and help prevent unnecessary urinary catheterization, reducing urinary tract infections.

**Veterans Affairs Office of Acquisition and Logistics**
**Booth# 940**
Washington, DC, USA
Phone: +1 936 494-1890
United States
Web site: www.vac.gov/oamm

The Veterans Affairs Office of Acquisition and Logistics vision is to be the federal provider of choice for all medical requirements by creating/strengthening valued partnerships with customers/suppliers; leveraging extensive buying power/financial resources; applying innovative business practices/leading edge technology.

**Vision-Sciences, Inc.**
**Booth# 1335**
40 Ramland Road South
Orangeburg, New York 10962
United States
Phone: +1 845 365-0600
Web site: www.visionsciences.com

Vision-Sciences provides flexible video and fiberoptic endoscopy systems, including the new BRS-5000 Flexible Bronchoscope, the first distal chip bronchoscope with EndoSheath® Technology. EndoSheath® Bronchoscopy gives practitioners an “always ready” bronchoscope that utilizes the sterile, disposable EndoSheath® Technology; a protective barrier between scope and patient that allows rapid turnaround, enhanced infection control, and less capital and service costs.

**Whitehall Manufacturing**
**Booth# 735**
15125 Proctor Avenue
City Of Industry, California 91746
United States
Phone: +1 800 782-7706
Web site: www.whitehallmgf.com

Whitehall Manufacturing products consist of stainless steel surgical scrub sinks for OR, combination toilet/lavatory modules for ICU/CCU, therapeutic whirlpools, hot and cold packs and accessories for rehab.

**Wolfe Tony Medical**
**Booth# 917**
79 West 4500 South
Suite 18
Salt Lake City, Utah 84107
United States
Phone: +1 801 281-3000
Web site: www.wolfe Tony.com

Volume resuscitation can lead to Intra-Abdominal Hypertension, Abdominal Compartment Syndrome and ultimately death. The AbViser® Monitoring System is the market leader in measuring IAP and the only device with proven accuracy, reproducibility and safety. Measuring IAP with the AbViser® can decrease ICU length of stays and mortality rates.

**Wolters Kluwer Health - Lippincott, Williams and Wilkins**
**Booth# 221**
530 Walnut Street
Philadelphia, Pennsylvania 19106
United States
Phone: +1 215 521-8300
Web site: www.LWW.com

Lippincott Williams & Wilkins, a Wolters Kluwer Health company, is a leading international publisher of medical books, journals, and electronic media. We proudly offer specialized publications and software for physicians, nurses, students and clinicians. Please visit our booth to browse our comprehensive product line.

**Z-Medica Corporation**
**Booth# 401**
4 Fairfield Boulevard
Wallingford, Connecticut 06492
United States
Phone: +1 203 294-0000
Web site: www.z-medica.com

Z-Medica Corporation, the developer and manufacturer of QuikClot® family of products, is the leader in hemostasis stopping power. Independently tested by both the US Army’s Institute for Surgical Research (USAISR) and the Naval Medical Research Center (MNRC), it has been chosen as the #1 recommended hemostatic agent in use by the military today. With over 3.2 million units sold, QuikClot hemostatic dressings (QuikClot® Emergency Dressing™ and QuikClot® Combat Gauze™) have saved countless lives.

**ZOLL Medical Corporation**
**Booth# 511**
269 Mill Road
Chelmsford, Massachusetts 01824
United States
Phone: +1 978 421-9655
Web site: www.zoll.com

ZOLL Medical Corporation designs, manufactures, and markets non-invasive resuscitation devices and software solutions which help diagnose and treat victims of trauma and sudden cardiac arrest, including the Code-Ready® R Series® defibrillator and the AutoPulse® Non-invasive Cardiac Support Pump. ZOLL’s software solutions automate the collection and management of clinical data.
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The Society of Critical Care Medicine wishes to thank the following companies for their generous support of the 39th Critical Care Congress and the Post-Congress Conference, Hyperglycemia and Critical Illness: Adaptive Response or Therapeutic Opportunity?

### 39th Critical Care Congress

**Abbott Nutrition**
- Hotel Key Cards
- Sponsored Symposium: Evidence-Based Nutritional Guidelines in 2010

**Astellas Pharma US, Inc.**
- Sponsored Symposium: Addressing the MRSA Crisis: A Paradigm Shift Beyond Vancomycin in the ICU
- Webcast

**Baxter Healthcare Corporation**
- Clinical Pharmacy/Pharmacology Section Reception
- GI - Nutrition Educational Session: Way Beyond the South Beach Diet
- Product Theater Workshop

**CliniComp Intl.**
- Nursing Section Business Meeting/Expert Nurse Panel and Member Breakfast

**Eisai, Inc.**
- Sponsored Symposium: The Science and Medicine of Sepsis Management
- Webcast

**Hospira**
- Pocket Pal Program Guide
- Shuttle Bus
- Sponsored Symposium: Delirium Should “Never” Occur? But If It Does...
- Webcast

**Pall Medical**
- Product Theater Workshop

**The Medicines Company**
- Postgraduate Course: Managing Pharmacotherapeutic Challenges: Learning Through Simulation
- Sponsored Symposium: Severe Blood Pressure Elevations in the Intensive Care Unit

**Wolfe Tory**
- Product Theater Workshop

### Post-Congress Conference

**Hospira**
- Gold Sponsor

**Medtronic Diabetes**
- Gold Sponsor

**Edwards Lifesciences, LLC**
- Silver Sponsor

**Luminous Medical**
- Silver Sponsor

**Roche Diagnostics**
- Silver Sponsor
Critical care services are provided to all critically ill and injured patients many of whom have sustained or are at risk of suffering failure of at least one organ system and require intensive care over a period of hours, days or weeks.

Take a moment to thank the Critical Care Team for their hard work and commitment in caring for you or your loved one in the ICU. The integrated team of dedicated experts consists of nurses, pharmacists, physicians, physician assistants, respiratory therapists, and all other professionals who focus on patient-centered care in the ICU.

For more information about the Society of Critical Care Medicine visit www.sccm.org or call SCCM at +1 847 827-6869.
Hyperglycemia and Critical Illness: Adaptive Response or Therapeutic Opportunity?

Acute hyperglycemia was once regarded as an adaptive response to critical illness. However, a plethora of studies have challenged this idea by reporting increased risks associated with hyperglycemia and benefits of improved glucose control in intensive care unit (ICU) patients. As a result, some experts promote routine administration of intensive insulin therapy (IIT) to normalize glucose levels. Others question the practice due to concerns over the optimal glucose level, the accuracy of measurements, the resources required to attain tight glycemic control (TGC), and the impact of TGC across the heterogeneous ICU population. Furthermore, increased variability in glucose levels during critical illness and the therapeutic intervention thereof have recently been reported to have a negative impact on patient outcomes. The concept of lowering morbidity and mortality rates using TGC intervention remains controversial.

Learn more about the latest discoveries regarding this controversial topic by attending SCCM’s Post-Congress Conference, Hyperglycemia and Critical Illness: Adaptive Response or Therapeutic Opportunity? A faculty of international experts will present a pro/con debate on the Normoglycaemia in Intensive Care Evaluation (NICE) and Survival Using Glucose Algorithm Regulation (SUGAR) Study, case studies on insulin protocols and nutritional guidelines and interactive debates on glucose variability and achieving glycemic control. Audience participation will be strongly encouraged to enhance the overall learning experience. To register for the Post-Congress Conference, see page 99 or visit the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Convention Center.

Trolley Tours

Tour Key West and experience its attractions, scenic beaches and unique island flavor. The trolley stops in front of the Casa Marina every day providing you with easy access following the Post-Congress Conference educational sessions. Visit www.trolleytours.com/keywest for details.

Event Schedule

At the close of the annual Congress, registered participants will be transferred to the luxurious Casa Marina Resort and Beach Club on Key West via shuttle buses. A welcome reception and dinner will be held the evening of Wednesday, January 13, 2010, from 5:00 p.m. to 9:00 p.m. Two morning educational sessions will be held on January 14 and 15, 2010. The morning sessions provide participants with ample time to explore the island and enjoy sightseeing and outdoor activities each afternoon. Shuttles to Miami will be available Friday through Sunday so participants have the option to stay on the island once the conference has ended. To register for the Post-Congress Conference, see page 99 or visit the SCCM Registration Desk located in the West Food Court Registration Area of the Miami Convention Center.

Hotel Accommodations

Casa Marina Resort & Beach Club
1500 Reynolds Street
Key West, Florida, USA 33040
www.casamarinaresort.com

Rates:
$299 SINGLE/DOUBLE - ISLAND VIEW
$325 SINGLE/DOUBLE - OCEAN VIEW

Rates do not include $20 per room per night resort fee, or state and local taxes. Visit www.sccm.org/Congress for complete details. Hotel reservations must be made by completing the form on page 99.

Travel Information

SCCM has arranged for discounted shuttle transportation for travel between Miami Beach and Key West. Round-trip rate is $110 per person; one-way rate from Miami to Key West is $70 per person. Travel time via shuttle between Miami Beach and Key West is approximately 4 hours. Shuttle transportation also is available from the Casa Marina to Key West Airport. One-way rate is $25 per person.
POST-CONGRESS CONFERENCE: REGISTRATION FORM
HYPERGLYCEMIA AND CRITICAL ILLNESS: ADAPTIVE RESPONSE OR THERAPEUTIC OPPORTUNITY?
CASA MARINA RESORT & BEACH CLUB, KEY WEST, FLORIDA, USA, JANUARY 13-15, 2010

CHOOSE FROM FOUR EASY WAYS TO REGISTER:
1. Online at www.sccm.org
2. Call SCCM Customer Service at +1 847 827-6888
3. Fax the completed form to +1 847 493-6444
4. Mail the completed form to: 35083 Eagle Way, Chicago, IL 60678-1350 USA

Please use this form to register yourself and any guests for the post-Congress conference. Please type or print clearly. Please keep a copy of this form for your records. To register for travel and hotel accommodations for the post-Congress conference, please visit the ETS desk, located near SCCM Registration in the West Food Court Registration Area of the Miami Convention Center.

REGISTRANT INFORMATION
Last Name (Surname) _____________________ First ___________________ Middle Initial ____ Customer/Member # ___________
Degrees/Credentials (ex.: ACNP, MD, PharmD, RN, RRT, etc.) ______________________________________________ Gender: □ Male □ Female
Organization __________________________________________________________ Address ______________________________________________
City __________________________________________ State _______ Zip/Postal Code ______
Country ____________________________________ □ Home □ Office Phone ______________________________________________
Fax* __________________________________________ Email ____________________________

*By including your fax number above and signing here, you give consent to receive faxes sent by SCCM. Signature ______________ Date _____________

CONFERENCE REGISTRATION FEES
□ SCCM Member $295
□ Nonmember $350
□ Spouse/Guest Registration: $25 per guest over 18 $______

Spouse/guest registration includes admission to the Opening Reception on Wednesday, January 13, 2010.

PAYMENT INFORMATION (Please send payment with registration form.)
□ Check payable to SCCM (must be U.S. funds drawn on a U.S. bank) or International Money Order TOTAL DUE $ _____________
□ Wire Transfer (Please contact SCCM Customer Service for wire transfer information.)
□ Credit Card: □ American Express □ Discover □ MasterCard □ Visa
Card Number ___________________________________________ Expiration Date ________________
Cardholder Name _________________________________ Gender: □ Male □ Female □ over 18
Cardholder Signature __________________________________________ Date ________________
Gender: □ Male □ Female □ over 18
Cardholder Signature __________________________________________ Date ________________

□ Check here or email registration@sccm.org if you have special needs related to a disability and an SCCM staff member will contact you to determine specific requirements.

CANCELLATION/REFUND POLICY Cancellations must be submitted in writing. All cancellations are subject to a $75 non-refundable processing fee and must be postmarked prior to December 10, 2009 to be eligible for a refund. Any cancellation postmarked after this date will NOT be refunded. Exchanges and substitutions are not allowed at any time. Dates for the 39th Critical Care Congress are subject to change and/or cancellation. In the event of a change/cancellation, only individual registration fees will be reimbursed. Please allow four weeks to process refunds.
Prepare your team to manage the first 24 hours of critical care with the Society of Critical Care Medicine’s (SCCM) leading courses!

**FCCS**
- Fundamental Critical Care Support
- Third Edition
- 2007, 349 pages
- $59 member/
- $77 nonmember
- Product code: FCCS4E
- FCCS is the go-to resource for training non-intensivists, house staff, nurses, residents, medical students, and other critical care practitioners on how to manage critically ill and injured patients effectively. This internationally recognized course currently trains more than 4,000 healthcare professionals annually in more than 20 countries.

**PFCCS**
- Pediatric Fundamental Critical Care Support
- 2008, 400 pages
- $59 member/
- $77 nonmember
- Product code: PFCCS
- PFCCS is a two-day comprehensive program designed to prepare healthcare providers to manage unstable, critically ill or injured pediatric patients. If you are a healthcare professional who does not routinely care for pediatric patients, this course will be of benefit.

**FDM**
- Fundamental Disaster Management
- 2009, 340 pages
- $59 member/
- $77 nonmember
- Product code: FDM3E
- FDM is a one-day course that arms critical care professionals with the expertise to manage the ICU response to large-scale disasters. FDM is offered as an independent course or as an add-on module to the FCCS or PFCCS course.

These courses will provide participants with the ability to:
- Prioritize assessment needs for critically ill and injured patients
- Select appropriate diagnostic tests
- Identify and respond to significant changes in unstable patients
- Recognize and initiate management of acute life-threatening conditions
- Determine the need for expert consultation and/or patient transfer and prepare the practitioner for optimal patient transfer

Regardless of your hospital’s resources, challenges or size, SCCM can create an affordable option to meet your healthcare providers’ needs.

Contact SCCM’s hospital relations manager at +1 847 493-6401 to discuss our flexible pricing structure.
SCCM’s 2010 Continuing Education Courses

Each course is designed to assist you in the ongoing challenge of rapidly understanding and integrating into your practice the newest critical care knowledge and advanced treatments.

When you participate in SCCM continuing medical education courses you will receive:
- up-to-date critical care knowledge that can immediately be applied to your everyday practice
- expert, multiprofessional faculty who are knowledge leaders in the critical care field
- interactive programs based on the latest research and evidence-based practices

Continuing Education

SCCM is committed to providing high-quality continuing education activities that encompass all aspects of optimal and timely delivery of critical care in order to secure the best possible outcomes for patients.

SCCM is a national provider of the following:
- Accreditation Council of Continuing Medical Education (ACCME)
- Received Accreditation with Commendation in 2005
- California Board of Nursing
- Accreditation Council for Pharmacy Education (ACPE)

SCCM also provides credit for dietitians, emergency physicians, professional coders, respiratory therapists, and other healthcare professionals based on the target audience of the program.

Mark your calendars for SCCM’s high-quality, multiprofessional educational programming.
Clinical Focus Hypothermia: Keeping It Cool - How to Implement Hypothermia in Your Clinical Practice

Overview
The American Heart Association has been recommending the use of therapeutic hypothermia since 2003. A growing percentage of hospitals around the world include hypothermic therapies in their standard package of care for patients suffering from cardiac arrest. As of January 1, 2009, New York City ambulances take cardiac-arrest patients only to hospitals that use therapeutic hypothermia.

Don't Get Left Out in the Cold
This conference focuses on the clinical aspects of implementing, performing and developing hypothermia protocols for adult and pediatric ICU patients. Prepare for a hands-on workshop experience that includes simulations, case studies, protocol writing, skill stations, debates, audience participation, and discussion panels.

Learning Objectives
At the conclusion of this conference, participants should be able to:

> Determine when it is appropriate to use hypothermia on a critically ill patient
> Describe how to implement a hypothermia program
> Formulate a persuasive position to facilitate administrative buy-in for hypothermia use
> Develop hypothermia procedures and policies
> Recognize specific ICU clinician roles and protocols for patient care during and after hypothermia
> Discuss the application of different hypothermia devices
> Manage common complications arising from hypothermia in a critically ill patient
> Measure the effectiveness of outcomes when hypothermia is implemented
> Identify the tools used in hypothermia (e.g., insulin management, ventilation care, basic critical care management)
> Manage the setup of a hypothermia unit

Intended Audience
> ICU Support Teams
> Nurses (Adult and Pediatric)
> Nurse Practitioners
> Pharmacists
> Physicians (Adult and Pediatric)
> Respiratory Therapists

Visit www.sccm.org/clinicalfocus for more details.
9th Summer Conference
10-12 June 2010
Dublin Castle, Ireland

Acute Brain Injury

Join us!

For more information contact
European Society of Intensive Care Medicine
40 Avenue Joseph Wybran B-1070 Brussels - Tel +32 2 5590355 - Fax +32 2 5270062
Email Dublin2010@esicm.org - Internet www.esicm.org
SCCM’s 2010 Continuing Education Courses

Fundamentals in Critical Care Ultrasound

JULY 25-26, 2010
FAIRMONT CHICAGO MILLENNIUM PARK HOTEL
CHICAGO, ILLINOIS, USA

This beneficial course will be held prior to SCCM’s Adult and Pediatric Multiprofessional Critical Care Board Review Courses, which will take place July 27-31, 2010.

Overview

Make faster, better-informed clinical decisions that can improve patient outcomes with the power of visual medicine.

Ultrasound examinations in the critical care setting are increasing in demand because of their portability, ease of use and ability to provide immediate, accurate evaluations. Ultrasound has become popular also because it is relatively inexpensive, and presents little threat to both patients and practitioners. This well-rounded learning experience combines didactic lectures with hands-on skill stations to provide you with the training needed to perform point-of-care ultrasound examinations. You will learn how to recognize imaging characteristics of commonly seen cases in critical care and how to guide treatment based on your findings.

Learning Objectives

At the conclusion of this conference, participants should be able to:

- Describe a practical approach to ultrasonic chest evaluation of the ICU patient
- Evaluate how transducer choice affects image quality
- Review the fundamental physics of diagnostic ultrasound equipment image formation
- Describe patient positioning, transducer position and image orientation for different ultrasound studies
- Demonstrate basics of transthoracic echocardiography
- Compare advantages and disadvantages of transthoracic echocardiogram and transesophageal echocardiogram
- Describe a practical approach to echocardiographic evaluation of shock
- Review the criteria for ultrasound diagnosis of venous thrombosis
- Describe a practical approach to FAST evaluation of trauma patient
- Discuss how to discern artifacts

Topics

- Lung Ultrasound
- Echocardiography Approach to Shock
- Hypovolemia and Volume Responsiveness
- Hemodynamic Measurements and Systolic Function
- Vascular Access and Non-Vascular Procedures

Intended Audience

- Anesthesiologists
- Cardiac Anesthesiologists
- Critical Care Nurses
- Intensivists
- Any practitioners who have an interest in ultrasonography

Visit www.sccm.org/ultrasound for more details.
SCCM’s 2010 Continuing Education Courses

Board Review Courses:

JULY 27-31, 2010
FAIRMONT CHICAGO MILLENNIUM PARK HOTEL
CHICAGO, ILLINOIS, USA

Overview

The 2010 Adult Multiprofessional Critical Care Board Review Course (MCCBRC) and Pediatric MCCBRC will be the most comprehensive update in the diagnosis, monitoring and management of critically ill patients. They will include interactive board preparation sessions using audience response technology and feature practice board questions, answers and rationales.

World class faculty will focus on preparing fellows and attendings for their critical care certification and recertification. The courses also will provide an excellent update for any critical care professional seeking the most current review of the field.

- **Adult Multiprofessional Critical Care Board Review Course**
- **Pediatric Multiprofessional Critical Care Board Review Course**

Beginning in 2010, the Board Review Course led by Joseph E. Parrillo and Henry Masur will combine with the Society of Critical Care Medicine’s adult board review course to form the new MCCBRC. Drs. Parrillo and Masur will serve as Founding Directors of the course.

The Pediatric MCCBRC also will see changes in 2010 as Heidi Dalton and Tony Slonim join forces with SCCM to incorporate the best of their pediatric board review course with SCCM’s course. Drs. Dalton and Slonim have agreed to fill the roles of Founding Directors of the new Pediatric MCCBRC.

Both MCCBRC courses’ speakers, audience response interactions and web-based materials will make them the premier critical care board review courses.

Intended Audience

- Acute Care Nurse Practitioners
- Anesthesiologists
- Critical Care Nurses
- Intensivists
- Internists
- Osteopaths
- Pediatricians
- Pharmacists
- Physician Assistants
- Respiratory Therapists
- Surgeons
- All other critical care team members

Visit www.sccm.org/boardreview for more details.
Pharmacotherapy in Critical Illness

SEPTEMBER 16-17, 2010
CAESARS PALACE
LAS VEGAS, NEVADA, USA

Overview
Drug therapies have a significant impact on the outcomes of critically ill patients. Studies demonstrate that pharmacologic interventions employed by the entire critical care team achieve the highest success rates. Multiprofessional collaboration is therefore essential to optimize critical care pharmacotherapy. During this conference, expert faculty will discuss the latest advances and controversies in the pharmacologic management of critically ill patients.

Learning Objectives
At the conclusion of this conference, participants should be able to:
- Examine protocols for coagulation therapy in the management of conditions such as heparin-induced thrombocytopenia (HIT) and heparin-induced thrombocytopenia with thrombosis (HITT)
- Contrast the utility of frontline therapies for gastrointestinal alterations
- Analyze emerging evidence-based strategies associated with analgesia in the critically ill patient

Potential Topics
- Coagulation
  - HIT/HITT
  - Deep Vein Thrombosis/Pulmonary Embolism
- Analgesia, Delirium, Sedation Update
- The GUT
- Medication Safety and Patient Safety
- Novel Delivery Methodologies of Pharma Agents in the ICU

Intended Audience
- Nurses
- Osteopaths
- Pharmacists
- Physicians
- Physician Assistants
- Respiratory Therapists
- Other providers caring for patients in a setting where critical care is provided

Visit www.sccm.org/pharmacotherapy for more details.
Live Webcasts

Overview
SCCM’s newly developed Webcast series presents timely topics of interest to critical care practitioners. Each CE/CME-certified Webcast is a live, online lecture specifically developed for the multiprofessional critical care team. Participants have the convenience of attending from the hospital, the office or home. At the completion of each lecture, attendees will have the opportunity to participate in an interactive question and answer session with the distinguished faculty.

SCCM’s 2010 Continuing Education Courses

Topics
> Central Line Catheter Infections
  FEBRUARY 17, 2010

> Preventing Ventilator-Associated Pneumonia
  MARCH 18, 2010

> Neurological Death in Children
  APRIL 15, 2010

> End of Life (focus on organ donors and futility)
  MAY 20, 2010

> Sedation Guidelines in the Adult Patient
  JULY 15, 2010

> Sedation Guidelines in the Pediatric Patient
  AUGUST 19, 2010

Visit www.sccm.org/webcasts for more details.
Let the evidence speak for itself.

2009 Critical Care Nutrition Guidelines give a Grade A recommendation to immune-modulating formulas.

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More evidence, in more patients, with more positive outcomes than any other enteral formula.

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Annual Congress secretariat
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B-1070 Brussels
Tel +32 2 559 03 55
Fax +32 2 527 00 62
Barcelona2010@esicm.org

23rd Annual Congress
CCIB - BArCELONA - spAIN
9 - 13 OCTOBER 2010

For physicians, nurses and other allied healthcare professionals

Abstract submission deadline
15 April 2010

www.esicm.org
Overcome Barriers and Achieve Optimal Patient Outcomes
with the Society of Critical Care Medicine’s ground-breaking quality implementation program, Paragon Critical Care.

How Does Paragon Work?
Paragon taps into the power of the Society’s highly trained, eminently qualified multiprofessional members and partners these experts with Intensive Care Unit (ICU) teams in need of change.

Why Consider Paragon?
Providing the Right Care, Right Now™ is the best way to improve staff satisfaction, enhance patient outcomes, and boost the financial performance of your hospital. Efficient and safe patient- and family-centric care can be achieved by establishing standardized ICU practices delivered by integrated multiprofessional teams led by trained intensivists. These high performance teams work as a cohesive group, focused on clinical excellence as their primary objective.

Quality gaps are costly. There is no time like the present to integrate SCCM’s “Learn It → Deliver It → Measure It → Improve It” model of quality improvement. Save resources, improve staff satisfaction, and enhance patient and family experiences at your hospital. The right choice, right now is PARAGON.

Is There Proof That PARAGON Works?
In the pilot phase, hospitals realized remarkable improvements demonstrated by the following before (2007) and after (2008) ICU Index bar chart:

- Good for physicians and staff
- Better for hospitals
- Best for patients

For more information or to meet the Paragon Coaches, please visit www.sccm.org or contact the Paragon Program Manager at +1 847-493-6403.

* For more success stories, visit www.sccm.org and click on the PARAGON button.
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Staphylococcus aureus is a major cause of hospital-acquired infections (HAIs), including ventilator-associated pneumonia, surgical site infections, and catheter-associated bloodstream infections. Approximately 60% of S. aureus isolates are methicillin-resistant and are typically resistant to several classes of antimicrobials, further complicating the management of these HAIs. MRSA infections are associated with a significantly higher clinical and economic burden when compared to methicillin-susceptible S. aureus infections.

Vancomycin remains a common first-line choice for MRSA infections. However, a growing prevalence of strains with reduced susceptibility to this agent have emphasized the necessity for optimized dosing of vancomycin or utilization of alternative agents. A better understanding of these issues by critical care clinicians can lead to optimal patient outcomes while reducing the economic cost of MRSA infections. An important first step is recognizing the challenges when confronting these serious infections, including:

- What are the epidemiological trends for MRSA infections and how do they impact therapeutic choices?
- How can clinicians optimize the use of vancomycin for MRSA infections and when should alternative agents be considered?
- How can clinicians collaborate within a multidisciplinary team to better manage patients with MRSA infections?

Positive outcomes can be achieved through continued education of all healthcare professionals in order to reach a common understanding of these issues and by working together efficiently to resolve issues associated with MRSA infections.

**Target Audience**

This continuing medical education offering is intended to meet the needs of physicians, nurses, pharmacists, respiratory therapists, and other providers who care for critically ill patients.

**Faculty**

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Director, Anti-Infective Research Laboratory
Eugene Applebaum College of Pharmacy and Health Sciences
Wayne State University
Detroit, Michigan

**Donald E. Craven, MD**
Professor of Medicine
Tufts University School of Medicine
Boston, Massachusetts

**Learning Objectives**

At the conclusion of this activity, participants should be able to:

1. Identify the characteristics and pathogenesis of MRSA infections in the ICU
2. Evaluate how to optimize vancomycin therapy for MRSA infections
3. Select an appropriate antimicrobial agent to treat MRSA infections based on evidence-based strategies

**EDUCATIONAL OVERVIEW**

_S. aureus_ is a major cause of hospital-acquired infections (HAIs), including ventilator-associated pneumonia, surgical site infections, and catheter-associated bloodstream infections. Approximately 60% of _S. aureus_ isolates are methicillin-resistant and are typically resistant to several classes of antimicrobials, further complicating the management of these HAIs. MRSA infections are associated with a significantly higher clinical and economic burden when compared to methicillin-susceptible _S. aureus_ infections.

Vancomycin remains a common first-line choice for MRSA infections. However, a growing prevalence of strains with reduced susceptibility to this agent have emphasized the necessity for optimized dosing of vancomycin or utilization of alternative agents. A better understanding of these issues by critical care clinicians can lead to optimal patient outcomes while reducing the economic cost of MRSA infections. An important first step is recognizing the challenges when confronting these serious infections, including:

- What are the epidemiological trends for MRSA infections and how do they impact therapeutic choices?
- How can clinicians optimize the use of vancomycin for MRSA infections and when should alternative agents be considered?
- How can clinicians collaborate within a multidisciplinary team to better manage patients with MRSA infections?

Positive outcomes can be achieved through continued education of all healthcare professionals in order to reach a common understanding of these issues and by working together efficiently to resolve issues associated with MRSA infections.

**CME/CE Accreditation Statement**

Physicians
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through joint sponsorship of the Society of Critical Care Medicine (SCCM) and Vemco MedEd. SCCM is accredited by ACCME to provide continuing medical education for physicians.

**Designation Statement**

The Society of Critical Care Medicine designates this educational activity for a maximum of 1.5 AMA PRA Category 1 Credits™. Physicians should claim credit commensurate with the extent of their participation in the activity.

Nurses
SCCM is approved by the California Board of Registered Nursing, Provider No. 8181 and approves this panel for 1.5 contact hours (0.15 CEUs).

**Target Audience**

This continuing medical education offering is intended to meet the needs of physicians, nurses, pharmacists, respiratory therapists, and other providers who care for critically ill patients.

**Faculty**

**Thomas M. File, Jr., MD, MSc, MACP, FIDSA, FCCP**
Professor of Internal Medicine
Head ID Section
Northeastern Ohio Universities Colleges of Medicine and Pharmacy
Rootstown, Ohio
Chief, Infectious Disease Service
Summa Health System
Akron, Ohio

**Michael J. Rybak, PharmD, MPH, FCCP**
Professor of Pharmacy and Medicine
Director, Anti-Infective Research Laboratory
Eugene Applebaum College of Pharmacy and Health Sciences
Wayne State University
Detroit, Michigan

**Donald E. Craven, MD**
Professor of Medicine
Tufts University School of Medicine
Boston, Massachusetts

**EDUCATIONAL OVERVIEW**

范科新霉素（Vancomycin）是治疗MRSA感染的常用一线选择。然而，随着MRSA耐药株的出现，优化万古霉素的使用和选择替代药物变得越来越重要。了解这些问题并协作，能够更好地管理MRSA感染的患者。

**Learning Objectives**

在完成本活动后，参与者应能够：

1. 识别MRSA感染的特征和在ICU中的病原学
2. 评估如何优化万古霉素治疗MRSA感染
3. 选择合适的抗微生物药物来治疗MRSA感染，基于证据为基础的策略

**EDUCATIONAL PROGRAM**

**6:30 AM - 7:00 AM**

**The MRSA Crisis: Epidemiological Trends in the ICU**

Thomas M. File, Jr., MD, MSc, MACP

**7:00 AM - 7:30 AM**

**Appropriate Use of Vancomycin for MRSA Infections**

Michael J. Rybak, PharmD, MPH, FCCP

**7:30 AM - 8:00 AM**

**Strategies for Selection of Anti-MRSA Agents in the Severely Ill**

Donald E. Craven, MD

**Registration**

Please register onsite. Tickets are issued on a first-come, first-served basis and seating is limited.

**Sunday, January 10, 2010**

Miami Beach Convention Center | Room - C126
Miami Beach, Florida

6:00 – 6:30 AM Registration & Breakfast
6:30 – 8:00 AM Educational Program
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International Pan Arab Critical Care Medicine Society
World Federation of Societies of Intensive and Critical Care Medicine

Meeting Chairman: JL Vincent
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Phone 32.2.555 32.15/36.31, Fax 32.2.555 45.55
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Posters: Deadline for abstract submission: December 1, 2009
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SAVE THE DATE: Sunday Morning, January 10, 2010
Time: 6:30 AM — 8:00 AM | Breakfast: 6:00 AM — 6:30 AM
City: Miami Beach, FL USA
LOCATION: Miami Beach Convention Center
Address: 1901 Convention Center Drive
Conference Room: C123/124

The Science and Medicine of Sepsis Management

PROGRAM MODERATOR
Mitchell P. Fink, MD, FCCM
Watson Professor of Surgery, Anesthesiology and Critical Care Medicine | University of Pittsburgh School of Medicine | Pittsburgh, Pennsylvania

PROGRAM FACULTY
Judith Hellman, MD, PhD
Associate Professor in Residence of Anesthesia and Critical Care Medicine | University of California, San Francisco School of Medicine | San Francisco, CA

H. Shaw Warren, MD
Associate Professor of Pediatrics | Harvard Medical School | Attending Pediatrician | Pediatric Infectious Disease Unit | Massachusetts General Hospital for Children

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