Safety and accuracy should not be mutually exclusive

EndoTool software helps enhance safety by providing clinicians with a computerized method for IV insulin dosing.

- Unlike paper protocols, which treat every patient the same, EndoTool is designed to personalize IV insulin dosing by helping clinicians to quickly achieve blood glucose control.

- Clinicians who use EndoTool may potentially help reduce the variability of glycemic management by enhancing safety, consistency, compliance and quality—even in acutely ill and/or hard-to-treat patients.

- EndoTool is used by more hospitals than any other glucose management software.

Hospira is meeting today’s needs with personalized solutions that are ready for tomorrow.

To see how EndoTool can personalize IV insulin dosing at your institution, visit us at endotooll.com or call 877-976-7747.

At the beginning of its fifth decade, the Society of Critical Care Medicine (SCCM) looks to a new point on the horizon, bringing the critical care community to a city known as much for the first rugged settlers who blazed a trail here as for its role in helping map a path to the stars.

Buildings that stretch into the sky and rockets that break the grip of our planet’s gravity required the open-minded consideration of new ideas and the courage to innovate. Likewise, SCCM’s 41st Critical Care Congress will focus on the new and creative solutions that dramatically improve the outcomes and lives of our patients.

Join us in Houston next February for the largest multiprofessional critical care event of the year.

▲ Participate in cutting-edge educational sessions, hands-on workshops and interactive debates.

▲ Collaborate with members of the multiprofessional team to solve complex problems, reduce barriers and improve standards.

▲ Preview the newest technologies, products, services, and career opportunities provided by hundreds of exhibitors.

Extend your reach and share your insights and experiences with your colleagues in the pursuit of innovative ways to improve patient care worldwide.\n
CONGRESS SPONSORS

The Society of Critical Care Medicine appreciates the support of all our industry partners who contribute to the overall success of this event. In particular we are grateful for the generosity of the following companies that have made substantial financial commitments in support of the 40th Critical Care Congress:

Platinum

Advancing Wellness™

Gold

Silver

Covidien
GE Healthcare
Medtronic Diabetes
Nestlé HealthCare Nutrition
Otsuka America Pharmaceutical, Inc.

The Congress educational program is made possible through independent medical education grants from the following supporters:
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011 Congress Sponsors</td>
<td>2</td>
</tr>
<tr>
<td>Message from the Leadership</td>
<td>5</td>
</tr>
<tr>
<td>Welcome International Delegates</td>
<td>5</td>
</tr>
<tr>
<td>SCCM Membership Application</td>
<td>7-8</td>
</tr>
<tr>
<td>Message from the Co-Chairs</td>
<td>9</td>
</tr>
<tr>
<td>Congress Program Planning Committee</td>
<td>11</td>
</tr>
<tr>
<td>2010-2011 Executive Committee and Council</td>
<td>13</td>
</tr>
<tr>
<td>San Diego Tours</td>
<td>14</td>
</tr>
<tr>
<td>San Diego Guest/Tours Registration Form</td>
<td>15</td>
</tr>
<tr>
<td>American College of Critical Care Medicine (ACCM)</td>
<td>16</td>
</tr>
<tr>
<td>SCCM’s 40th Anniversary Celebration</td>
<td>18</td>
</tr>
<tr>
<td>Popular Events and Sessions</td>
<td>19</td>
</tr>
<tr>
<td>Plenary Sessions</td>
<td>19</td>
</tr>
<tr>
<td>40th Anniversary Celebration</td>
<td>19</td>
</tr>
<tr>
<td>Fellowship Directors’ Luncheon</td>
<td>19</td>
</tr>
<tr>
<td>Breakfast Symposia</td>
<td>19</td>
</tr>
<tr>
<td>SCCM Business Meeting</td>
<td>19</td>
</tr>
<tr>
<td>Abstract Presentations and Poster Hall Events</td>
<td>19</td>
</tr>
<tr>
<td>SCCM Central</td>
<td>20</td>
</tr>
<tr>
<td>Membership</td>
<td>20</td>
</tr>
<tr>
<td>Sections and Chapters</td>
<td>20</td>
</tr>
<tr>
<td>American College of Critical Care Medicine (ACCM)</td>
<td>20</td>
</tr>
<tr>
<td>Fundamental Critical Care Support (FCCS), Pediatric</td>
<td>20</td>
</tr>
<tr>
<td>Fundamental Critical Care Support (PFCCS) and Fundamental Disaster</td>
<td>20</td>
</tr>
<tr>
<td>Management (FDM)</td>
<td>20</td>
</tr>
<tr>
<td>Career Central</td>
<td>20</td>
</tr>
<tr>
<td>European Society of Intensive Care Medicine (ESICM)</td>
<td>20</td>
</tr>
<tr>
<td>Prize Drawings</td>
<td>20</td>
</tr>
<tr>
<td>SCCM Bookstore</td>
<td>20</td>
</tr>
<tr>
<td>Cutting-Edge Information from SCCM</td>
<td>23</td>
</tr>
<tr>
<td>SCCM’s Green Initiatives</td>
<td>25</td>
</tr>
<tr>
<td>SCCM Staff</td>
<td>26</td>
</tr>
<tr>
<td>General Information</td>
<td>28-29</td>
</tr>
<tr>
<td>Access</td>
<td>28</td>
</tr>
<tr>
<td>ATMs</td>
<td>28</td>
</tr>
<tr>
<td>Badges</td>
<td>28</td>
</tr>
<tr>
<td>Business Center</td>
<td>28</td>
</tr>
<tr>
<td>CE/CME Stations</td>
<td>28</td>
</tr>
<tr>
<td>Coffee/Dining</td>
<td>28</td>
</tr>
<tr>
<td>Emergency Procedures</td>
<td>28</td>
</tr>
<tr>
<td>Exhibit Hall Hours</td>
<td>28</td>
</tr>
<tr>
<td>Lost and Found</td>
<td>28</td>
</tr>
<tr>
<td>Meeting Bag Pick-Up/Coat and Luggage Check</td>
<td>28</td>
</tr>
<tr>
<td>Message Board</td>
<td>28</td>
</tr>
<tr>
<td>Mobile Event Guide</td>
<td>28</td>
</tr>
<tr>
<td>No Smoking Policy</td>
<td>28</td>
</tr>
<tr>
<td>Parking</td>
<td>28</td>
</tr>
<tr>
<td>Poster Activities</td>
<td>28</td>
</tr>
<tr>
<td>Refreshment Breaks</td>
<td>29</td>
</tr>
<tr>
<td>Registration</td>
<td>29</td>
</tr>
<tr>
<td>Session Protocol</td>
<td>29</td>
</tr>
<tr>
<td>Shuttle Service</td>
<td>29</td>
</tr>
<tr>
<td>Society Offices/Exhibits</td>
<td>29</td>
</tr>
<tr>
<td>Speaker Ready Room</td>
<td>29</td>
</tr>
<tr>
<td>Special Assistance</td>
<td>29</td>
</tr>
<tr>
<td>Suggestion Box</td>
<td>29</td>
</tr>
<tr>
<td>Use of Recording Equipment</td>
<td>29</td>
</tr>
<tr>
<td>Wireless Internet Access</td>
<td>29</td>
</tr>
<tr>
<td>Convention Center Floor Plan</td>
<td>30-31</td>
</tr>
<tr>
<td>Comprehensive Program Topics</td>
<td>33-34</td>
</tr>
<tr>
<td>Continuing Education Credit</td>
<td>35-37</td>
</tr>
<tr>
<td>Policy on Appropriate Use of Commercial Support</td>
<td>37</td>
</tr>
<tr>
<td>Faculty Disclosures</td>
<td>38-46</td>
</tr>
<tr>
<td>Schedule of Events</td>
<td>47-80</td>
</tr>
<tr>
<td>Friday, January 14, 2011</td>
<td>47-49</td>
</tr>
<tr>
<td>Saturday, January 15, 2011</td>
<td>50-54</td>
</tr>
<tr>
<td>Sunday, January 16, 2011</td>
<td>55-60</td>
</tr>
<tr>
<td>Monday, January 17, 2011</td>
<td>61-69</td>
</tr>
<tr>
<td>Tuesday, January 18, 2011</td>
<td>70-77</td>
</tr>
<tr>
<td>Wednesday, January 19, 2011</td>
<td>78-80</td>
</tr>
<tr>
<td>2011 Award and Grant Recipients</td>
<td>82-84</td>
</tr>
<tr>
<td>Business Meetings</td>
<td>86-88</td>
</tr>
<tr>
<td>Exhibit Hall Floor Plan</td>
<td>90-91</td>
</tr>
<tr>
<td>Exhibit Hall Information and Events</td>
<td>93</td>
</tr>
<tr>
<td>Exhibitor-Sponsored Product Theater Workshops</td>
<td>93</td>
</tr>
<tr>
<td>Future Congresses</td>
<td>93</td>
</tr>
<tr>
<td>Exhibit Hall Hours</td>
<td>93</td>
</tr>
<tr>
<td>Internet Access</td>
<td>93</td>
</tr>
<tr>
<td>Refreshment Breaks</td>
<td>93</td>
</tr>
<tr>
<td>Exhibitor Listing</td>
<td>95-106</td>
</tr>
<tr>
<td>Exhibitor Aisle Listing</td>
<td>107</td>
</tr>
<tr>
<td>Product Categories</td>
<td>108-109</td>
</tr>
<tr>
<td>SCCM’s 2011 Educational Opportunities</td>
<td>110-117</td>
</tr>
<tr>
<td>Index</td>
<td>118</td>
</tr>
</tbody>
</table>
Carry the Entire Congress Program in the Palm of Your Hand

Get Your Congress On-Site Program on Your Smart Phone as an App or Special Mobile Website

- Access detailed session, speaker, business meeting, and exhibitor information from your smartphone.
- Navigate the convention center and exhibit hall with interactive maps.
- Receive real-time notifications such as schedule, room or speaker changes.
- Build your own custom schedule and “favorite exhibitor” list.
- Access the Professor Walk Rounds schedule and detailed abstract descriptions.
- Connect with friends and colleagues at the 40th Critical Care Congress via your favorite social media site.

Download a Congress App customized to your iPhone®, Android™ or BlackBerry®. Or, access the web version through your smartphone or on computers located throughout the San Diego Convention Center.

Visit www.sccm.org/CCC40app for more information.
MESSAGE FROM THE LEADERSHIP

SETTING THE COURSE FOR CRITICAL CARE

Welcome to San Diego and to the Society of Critical Care Medicine’s (SCCM) 40th Critical Care Congress. This year’s Congress theme, Setting the Course for Critical Care, is especially timely due to the significant change occurring in the U.S. healthcare system. I hope you have the opportunity to network, learn and accept the challenge to provide the best possible care for our patients as we prepare for the future.

The Society’s 40th anniversary celebration will commence on Saturday evening with our special celebration aboard the USS Midway Museum and will continue throughout the week. We are honored that many of our founding members will be present, so please visit with them if you get a chance.

As we reminisce about our first 40 years as an organization, we can appreciate the foresight of our founding members who envisioned a multiprofessional organization that incorporated all members of the critical care team. This multiprofessional team format is true of the SCCM leadership, the Program Planning Committee who planned an outstanding Congress curriculum, and all of the committees within the SCCM Creative Community. Please look for an opportunity to interact with our Creative Community members – your leaders – and share your concerns and interests.

While reflecting on the past 40 years, we have many accomplishments and successes to celebrate. We have experienced incredible growth in membership, increased our stature within the medical community, and gained influence in governmental affairs. As an organization, we have solidified our financial position to ensure a strong continued role in the education and development of critical care professionals. I hope you take some time to read your complimentary copy of The Society of Critical Care Medicine: The First Forty Years, and learn how so many outstanding individuals have shaped the organization we are so proud of today.

As we set our course for the next 40 years, and beyond, we start out well provisioned for this trip, with our teams engaged, well-trained to overcome new challenges, and prepared to proceed with full sails.

WELCOME INTERNATIONAL DELEGATES

The Society of Critical Care Medicine (SCCM) welcomes our critical care partners from around the world. These delegates have joined SCCM in San Diego, California, USA, to develop friendships, network with multiprofessional critical care colleagues and learn from world-renowned faculty. SCCM is grateful to those individuals who have traveled a great distance to be here at Congress.
Thermo Scientific B·R·A·H·M·S Procalcitonin (PCT) is a biomarker that exhibits a rapid, clinically significant response to severe bacterial infection.

In patients with sepsis, PCT levels increase in correlation to the severity of infection and can be used with other laboratory parameters in the risk assessment of critically ill patients for progression to severe sepsis and septic shock. With B·R·A·H·M·S PCT, test results are available in less than one hour, enabling rapid clinical decision making.

Learn more about rapid sepsis detection with B·R·A·H·M·S PCT. Visit us at SCCM Booth 432 or www.brahms-usa.com

Thermo Scientific B·R·A·H·M·S PCT:
Get More With SCCM:
- Innovative Clinical Techniques
- Breakthrough Technologies
- Advancements in Critical Care
- Scientific Research
- Healthcare News and Information

Join Today!
Society of Critical Care Medicine
The Intensive Care Professionals

With 15,000 members in more than 100 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.
Membership Acceptance

Personal Information:

- Prefix
- First Name
- Middle Initial
- Last Name (Surname)
- Designation
- Position
- Institution
- Department
- Preferred Mailing Address
  - City
  - State/Province
  - Zip/Postal Code
  - Country
- Phone Number
  - Home
  - Office
- Facsimile
- Email
- Date of Birth (mm/dd/yyyy)

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

Privacy Statement: SCCM periodically rents its membership list to organizations that wish to promote educational courses, publications and other products or services that are of interest to critical care practitioners. If you wish to be excluded, please check here.

Profession

Specialty

License(s)/Board Certification(s) & Year (i.e Registered Nurse, 2001; Internal Medicine, 1998 etc.)

Training Status
- In Training
- Not In Training

Required if in Training
- Institution
- Program Director's Name
- Type of Residency/Fellowship (if applicable)
- Start Date (mm/dd/yyyy)
- End Date (mm/dd/yyyy)

Membership Options:
- Healthcare Professional Dues $130 U.S. – Available to all healthcare professionals except physicians. Provides full privileges of membership.
- Physician Dues $355 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
  - Dues $85 U.S. – Available to individuals in specialty training programs or pursuing education in healthcare and related fields. Provides privileges of membership, except the right to make motions, vote, or hold office.
  - Verification letter from program director is required.
- **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 in SCCM includes the option to join up to three specialty sections.

(Please check a maximum of three):
- Anesthesiology
- Critical Care Medicine
- Emergency Medicine
- Industry & Technology
- Emergency Medicine
- In-training
- Neurosciences
- Nursing
- Osteopathic Medicine
- Pediatric*
- Physician Assistants
- Respiratory Care
- Surgery
- Uniformed Services
- *Please note that Pediatric Section membership has an associated fee of $77 U.S., which includes a subscription to Pediatric Critical Care Medicine.

Chapters:
- Membership includes the option to join one of 11 state and regional chapters for an additional fee of $45 U.S. (In-training members may join at no cost.)
  - Baltimore
  - Carolinas/Virginias (NC, SC, VA, WV)
  - Michigan
  - New Jersey
  - North Central (IA, MN, ND, SD, WI)
  - Northeast (CT, MA, ME, NH, NY, RI, VT)
  - Ohio
  - Oregon
  - Pennsylvania
  - Southeast (AL, AR, GA, KY, LA, MS, TN)
  - Texas

Demographic:
- Primary Employment Setting
  - 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 $77 U.S. if Pediatric Section membership selected.
- **Check** made payable to Society of Critical Care Medicine.
- (U.S. funds drawn on U.S. bank) or International Money Order
- Add $45 U.S. if Chapter membership selected. (no charge for In-training members)

Charge to:
- American Express
- Discover
- MasterCard
- Visa

Card Number

Expiration Date

Cardholder Name

Signature

Date

CON11NMop
We are honored to serve as chairs of the 40th Critical Care Congress, a meeting that celebrates both the history of the Society of Critical Care Medicine (SCCM) and the future of critical care practice.

During this anniversary year, we take time to reflect on SCCM’s founders and past presidents, their important contributions in shaping both our Society and our field, and what we can learn from them professionally and personally. Their contributions will be noted throughout Congress, highlighted in the opening session, an anniversary celebration aboard the USS Midway Museum, and in a limited edition book, The Society of Critical Care Medicine: The First Forty Years, which will be distributed to all meeting attendees. We’ve reflected on some notable quotes from prominent Society members to exemplify how this meeting fits into the larger scope of SCCM’s mission.

In November 1970, in Philadelphia, we decided to form a society with multidisciplinary commitments. The name, “Society of Critical Care Medicine.” The Society arose from a growing awareness of the need to have a common meeting ground for multidisciplinary efforts in the fledgling ICU field. – Max H. Weil

The annual Critical Care Congress serves as one of the most important functions of the Society. The first multiprofessional meeting was held in February 1972 in conjunction with the University of Southern California’s Annual Shock Symposium. As the Society’s influence and membership grew, the symposium was expanded, and the first independent annual meeting was held in March 1977 in New York City. In 2002, the Society adopted the official name Critical Care Congress. Our success as a Society has not slowed over the years, and our 40th anniversary meeting stands as testament to the founders’ vision.

Let’s not be so afraid of making a mistake that we paralyze ourselves with inaction. If we wait for the perfect solution, we shall accomplish little when the accomplishment is most meaningful. – Lou Del Guercio

Critical care is a demanding profession that requires lifelong learning, as new ideas and unique challenges arise in everyday practice. Congress attendees have come to expect high-level educational programming that includes lectures, pro/con debates, hands-on workshops and in-depth presentations, all focused on meeting those demands. The Congress Program Planning Committee, in fulfillment of this tradition of excellence, has developed a stellar meeting experience meant to exceed all your expectations.

The best possible care of critically ill patients can be rendered when physicians of various specialties, nurses, and [other] health professionals join forces and treat problems together. – Ake Grenvik

During this special Critical Care Congress, connect and share ideas with multiprofessional and international colleagues, enjoy the relaxing atmosphere of San Diego, and be part of this proud tradition of excellence as together we chart the future of the Society and our profession.
Studies have found that as many as 85% of hospitalized patients develop delirium. Yet the condition often goes undiagnosed, resulting in missed opportunities for intervention. A growing body of evidence suggests that delirium can have a devastating impact on patients’ immediate and long-term health and that interventions to prevent or minimize such brain dysfunction may help to improve patient outcomes. During this breakfast symposium, expert faculty will review updates related to prevention and management strategies for delirium in the intensive care unit (ICU) patient, discuss the benefits of pharmacologic interventions and identify the role of non-pharmacologic prevention strategies.

MONDAY, JANUARY 17, 2011
6:30 A.M. - 8:00 A.M.
BREAKFAST WILL BE SERVED FROM 5:30 A.M. TO 6:30 A.M.
SAN DIEGO CONVENTION CENTER
SAN DIEGO, CALIFORNIA, USA

PROGRAM

Prevention and Management: Lessons Learned from Clinical Practice and Evidence-Based Updates
Timothy D. Girard, MD
Vanderbilt University Medical Center
Nashville, Tennessee, USA

Current and Future Pharmacologic Strategies to Prevent and Manage Delirium
Joseph F. Dasta, MSc, FCCM
University of Texas College of Pharmacy
Round Rock, Texas, USA

Non-Pharmacologic Prevention Strategies and Sedation Interruption as Measures to Prevent Delirium
Karen Sands, RN, ACNP
Forsyth Medical Center
Winston-Salem, North Carolina, USA

Sponsored by

Society of Critical Care Medicine
The Intensive Care Professionals

Supported by an educational grant from

Hospira
Advancing Wellness™
CONGRESS PROGRAM PLANNING COMMITTEE

40th Critical Care Congress Co-Chairs

Ruth M. KLEINPELL, RN, PhD, FCCM
Rush University Medical Center
Chicago, Illinois, USA

Nicholas S. WARD, MD, FCCM
The Warren Alpert Medical School of Brown University
Providence, Rhode Island, USA

Charles Andrew ADAMS Jr., MD
The Warren Alpert Medical School of Brown University
Rhode Island Hospital
Providence, Rhode Island, USA

Raj ANEJA, MD
University of Pittsburgh
School of Medicine
Pittsburgh, Pennsylvania, USA

Katherine V. BIAGAS, MD, FCCM
Columbia University
College of Physicians and Surgeons
New York, New York, USA

Daniel R. BROWN, MD, PhD, FCCM
Mayo Clinic
Rochester, Minnesota, USA

Diane BYRUM, RN, MSN, CCRN, CCNS, FCCM
Presbyterian Hospital Huntersville
Huntersville, North Carolina, USA

Rajesh CHAWLA, MD, FCCM
Indraprastha Apollo Hospitals
New Delhi, India

Ira M. CHEIFETZ, MD, FCCM
Duke Children’s Hospital
Durham, North Carolina, USA

David H. CHONG, MD
Columbia University
New York, New York, USA

Mark D. CIPOLLE, MD, PhD, FCCM
Christiana Care Health Services
Wilmington, Delaware, USA

Howard L. CORWIN, MD, FCCM
Dartmouth-Hitchcock Medical Center
Lebanon, New Hampshire, USA

Douglas B. COURSIN, MD
University of Wisconsin
School of Medicine and Public Health
Madison, Wisconsin, USA

Jigeeshu V. DIVATIA, MD
Tata Memorial Hospital, Parel
Mumbai, India

Ivor S. DOUGLAS, MD, MRCP
Denver Health Medical Center
University of Colorado
Denver, Colorado, USA

Jeffrey R. FINEMAN, MD
University of California
San Francisco Children’s Hospital
San Francisco, California, USA

Gerard J. FULDA, MD, FCCM
Christiana Care Health System
Wilmington, Delaware, USA

Donna HAMEL, BS, RRT, FCCM
Duke University Medical Center
Durham, North Carolina, USA

Robert C. HYZY, MD, FCCM
University of Michigan
Ann Arbor, Michigan, USA

Jeremy M. KAHN, MD, MS
University of Pittsburgh
Pittsburgh, Pennsylvania, USA

Sandra L. KANE-GILL, PharmD, MS, FCCM
University of Pittsburgh
School of Pharmacy
Pittsburgh, Pennsylvania, USA

Andrea M. KLINE, RN, MS, FCCM
Riley Hospital for Children
Carmel, Indiana, USA

Robert MacLAREN, PharmD, FCCM
University of Colorado
School of Pharmacy
Aurora, Colorado, USA

Scott T. MICEK, PharmD
Barnes-Jewish Hospital
Saint Louis, Missouri, USA

Vinay M. NADKARNI, MD, FCCM
The Children’s Hospital of Philadelphia
University of Pennsylvania
School of Medicine
Philadelphia, Pennsylvania, USA

Andrew J. PATTERSON, MD, PhD
Stanford University
Stanford, California, USA

J. Javier PROVENCIO, MD, FCCM
Cleveland Clinic
Cleveland, Ohio, USA

Andrew L. ROSENBERG, MD
University of Michigan
Ann Arbor, Michigan, USA

Richard H. SAVEL, MD, FCCM
Montefiore Medical Center
New York, New York, USA

Christa A. SCHORR, RN, MSN, FCCM
Cooper Hospital University
Medical Center
Camden, New Jersey, USA

Lauren R. SORCE, RN, MSN, FCCM
Children’s Memorial Hospital
Chicago, Illinois, USA

Daniel S. TALMOR, MD, MPH
Beth Israel Deaconess Medical Center
Boston, Massachusetts, USA

Neal J. THOMAS, MD, FCCM
Penn State Hershey Children’s Hospital
Hershey, Pennsylvania, USA

Samuel A. TISHERMAN, MD, FCCM
University of Pittsburgh
Medical Center
Pittsburgh, Pennsylvania, USA

Sean R. TOWNSEND, MD
California Pacific Medical Center
San Francisco, California, USA

Corey E. VENTETUOLO, MD
Columbia University
New York, New York, USA

Brittany Ann WILLIAMS, MS, RRT
Santa Fe College
Gainesville, Florida, USA

Marion F. WINKLER, PhD, RD, LDN, CNSC
The Warren Alpert Medical School of Brown University
Rhode Island Hospital
Providence, Rhode Island, USA
Calling All 41st Critical Care Congress Abstracts!

Make your contribution to the advancement of critical care by submitting your original investigative research and case reports for the 41st Critical Care Congress. If accepted, your work will be on display throughout Congress, which will be held February 4 to 8, 2012. Abstracts also will be published in *Critical Care Medicine*, the #1 critical care subspecialty journal. Individuals whose abstracts are accepted also enjoy other benefits:

▲ **PEER EVALUATION.** Select posters will be visited by critical care experts who provide indispensable feedback.

▲ **AWARDS.** Multiple awards are offered, including scientific awards, educational scholarships and research awards.

Presenting authors who are SCCM members at the time of abstract submission may have an opportunity to apply for complimentary Congress registration.

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

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

▲ **Abstracts will be accepted**
May 1, 2011 to September 1, 2011.
Council

Alice D. ACKERMAN, MD, FCCM
DESIGNATED SEAT: PEDIATRICS
Chair and Chief Pediatric Officer, Carlton Clinic
Professor and Founding Chair, Department of Pediatrics
Virginia Tech Carilion School of Medicine
Roanoke, Virginia, USA

Thomas P. BLECK, MD, FCCM
DESIGNATED SEAT: COLLECTIVE
Professor of Neurological Sciences, Neurosurgery, Medicine, and Anesthesiology
Assistant Dean, Rush Medical College
Associate Chief Medical Officer (Critical Care)
Rush University Medical Center
Chicago, Illinois, USA

Craig M. COOPERSMITH, MD, FCCM
DESIGNATED SEAT: SURGERY
Professor of Surgery
Director, Surgical Intensive Care Unit
Emory University School of Medicine
Atlanta, Georgia, USA

Joseph F. DASTA, MSc, FCCM
AT-LARGE SEAT
Adjunct Professor, University of Texas College of Pharmacy, Austin
Professor Emeritus, The Ohio State University College of Pharmacy
Austin, Texas, USA

Todd DORMAN, MD, FCCM
DESIGNATED SEAT: ANESTHESIA
Associate Dean and Director, Continuing Medical Education
Professor and Vice Chair for Critical Care
Department of Anesthesiology and Critical Care Medicine
Johns Hopkins University School of Medicine
Baltimore, Maryland, USA

J. Christopher FARMER, MD, FCCM
AT-LARGE SEAT
Professor of Medicine
Associate Dean, Mayo School of Graduate Medical Education
Associate Chair for Education, Department of Medicine
Rochester, Minnesota, USA

Heidi L. FRANKEL, MD, FCCM
AT-LARGE SEAT
Chief, Division of Trauma, Acute Care and Critical Care Surgery
Penn State Hershey Medical Center
Medical Director, Penn State Shock Trauma Center
Hershey, Pennsylvania, USA

Lynn KELSO, MSN, ACNP, FCCM
DESIGNATED SEAT: NURSING
Assistant Professor
University of Kentucky College of Nursing
Lexington, Kentucky, USA

Ruth M. KLEINPELL, RN, PhD, FCCM
AT-LARGE SEAT
Director, Center for Clinical Research and Scholarship
Rush University Medical Center
Professor, Rush University College of Nursing
Chicago, Illinois, USA

Steven J. MARTIN, PharmD, FCCM
DESIGNATED SEAT: CLINICAL PHARMACY AND PHARMACOLOGY
Professor and Chair
University of Toledo College of Pharmacy
Toledo, Ohio, USA

M. Michele MOSS, MD, FCCM
CHANCELLOR, BOARD OF REGENTS
Professor, College of Medicine, Department of Pediatrics
Vice Chair, Clinical Affairs
Arkansas Children’s Hospital
Little Rock, Arkansas, USA

Lena M. NAPOLITANO, MD, FCCM
AT-LARGE SEAT
Professor of Surgery
Division Chief, Acute Care Surgery
University of Michigan Health System
Ann Arbor, Michigan, USA

Gloria M. RODRIGUEZ-VEGA, MD, FCCM
CHAIR, CHAPTERS AND AFFILIATES ALLIANCE
Assistant Professor
Director, Medical-Surgical ICU
University of Puerto Rico School of Medicine
San Juan, Puerto Rico

Michael A. WEST, MD, PhD, FCCM
AT-LARGE SEAT
Professor and Vice Chair, Department of Surgery
UCSF School of Medicine
University of California
San Francisco, California, USA

Janice L. ZIMMERMAN, MD, FCCM
DESIGNATED SEAT: INTERNAL MEDICINE
Professor of Clinical Medicine
Well Cornell Medical College
Head, Division of Critical Care
Director, Medical Intensive Care Unit
Department of Medicine
The Methodist Hospital
Houston, Texas, USA
**San Diego Tours**

▲ **San Diego City Tour**
Enjoy an overview tour of “America’s Finest City.” Visit the site of the first Upper-California Mission in Old Town, where San Diego was established more than 200 years ago. Then continue through Balboa Park, the cultural center of San Diego and the site of two world-class expositions—in 1915 and 1916, and 1935 and 1936—that put San Diego on the map. Finally you will visit San Diego’s bustling city center with its financial district and Gaslamp Quarter.

▲ **San Diego Zoo**
Journey to the world-famous San Diego Zoo! Among its 100 acres and 5,000 species of exotic plants covering the expanse of the park, you will find the world’s rarest collection of animals. Watch cuddly koalas cling to eucalyptus branches, move aside for the roaming peacocks as they proudly display their brilliantly colored plumes. Don’t miss Tiger River, a three-acre zone of tropical rain forest featuring tigers, tapirs and crocodiles. Enjoy Hippo Beach and much more.

▲ **Temecula Valley Wine Country**
The first stop on your trip will be a visit to the beautiful Thornton Winery, hailed as the “Jewel of the Valley.” This premium sparkling wine house has gained a national reputation for quality “bubbly” made by the French method “Champenoise,” a procedure that makes the best champagne. Here you will enjoy a guided tour followed by a wine tasting. The next stop will be a visit to the Mt. Palomar Winery, founded in 1969 by John Poole, a former businessman who sold his Los Angeles-based broadcasting company to plant vineyards near Mt. Palomar. After several years of selling his harvest to other California wineries, the Palomar Winery officially opened its doors in 1975. Here you will have the opportunity to tour this charming winery, which now encompasses 100 acres and produces over seven varieties of premium quality wine grapes. A tasting and lunch will complete the day.

▲ **Whale Watching Cruise**
Depart from the San Diego Harbor aboard a San Diego Harbor Excursion Vessel. Enjoy a four-hour boat cruise on the beautiful Pacific Ocean as you search for gray whales and other marine life such as seals, sea lions, migrating birds, and more. Listen to whales with underwater microphones as you get a close-up look. Learn about gray whale baleen, barnacles and prey from your naturalist tour guide during the cruise. Bring warm clothing and your binoculars for a memorable whale watching experience.

---

**Recognition and Treatment of HypoNatremia in the Critical Care Setting**

San Diego Marriott Hotel and Marina  
San Diego Ballroom B – Lobby Level, North Tower  
Sunday, January 16, 2011  
6:30–9:00 PM  

Please join your colleagues to hear more about hyponatremia and its diagnosis and a treatment option during this interactive promotional satellite symposium.

**Faculty**

**Bruce Friedman, MD, FCCP, FCCM, CNSP** – Chair  
Critical Care Director  
Joseph M. Still Burn Center  
Professor of Medicine  
Medical College of Georgia  
Augusta, GA

**Biff F. Palmer, MD, FACP, FASN**  
Professor of Internal Medicine  
University of Texas Southwestern Medical Center  
Dallas, TX

**Tomas Berl, MD**  
Professor of Medicine  
Division of Renal Disease and Hypertension  
University of Colorado School of Medicine  
Denver, CO

© 2010 Otsuka America Pharmaceutical, Inc.  
Space is limited!  
Dinner will be provided.  
December 2010  
0710M-1635
REGISTRANT INFORMATION

Last Name (Surname) ___________________________ First ________________________ Middle Initial _____ Customer/Member # ________________

Address _________________________________________________________________________________________________________________________________________________

Organization _____________________________________________________________________________________________________________________________________________

City ______________________________________________________________     State _________     Zip/Postal Code__________________    Country __________________________

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 SCCM’s 40th Anniversary Celebration and 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       $________

SCCM’s 40th Anniversary Celebration

Please indicate number of guests attending (including children under 18): __________

TOURS (Please indicate ticket quantity.)

<table>
<thead>
<tr>
<th>Day</th>
<th>Activity</th>
<th>Time</th>
<th>Price per person</th>
<th>QTY</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, January 16, 2011</td>
<td>Whale Watching Cruise</td>
<td>9:00 a.m. - 1:00 p.m.</td>
<td>$70 per person</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>San Diego City Tour</td>
<td>1:30 p.m. - 4:30 p.m.</td>
<td>$41 per person</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, January 17, 2011</td>
<td>San Diego Zoo</td>
<td>9:00 a.m. - 1:00 p.m.</td>
<td>$74 per person</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Temecula Valley Wine Country</td>
<td>9:00 a.m. - 4:00 p.m.</td>
<td>$92 per person (includes lunch)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday, January 18, 2011</td>
<td>Whale Watching Cruise</td>
<td>12:45 p.m. - 4:45 p.m.</td>
<td>$70 per person</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Tours may be cancelled due to low attendance.

PAYMENT INFORMATION (Please include payment with registration form.)

<table>
<thead>
<tr>
<th>Method</th>
<th>TOTAL DUE $________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check payable to SCCM (must be U.S. funds drawn on a U.S. bank) or International Money Order</td>
<td></td>
</tr>
<tr>
<td>Credit Card: American Express Discover MasterCard Visa</td>
<td></td>
</tr>
<tr>
<td>Card Number _________________________________________________________</td>
<td></td>
</tr>
<tr>
<td>Expiration Date _____________________________________________________</td>
<td></td>
</tr>
<tr>
<td>Cardholder Name _____________________________________________________</td>
<td></td>
</tr>
<tr>
<td>Cardholder Signature _______________________________________________</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td></td>
</tr>
</tbody>
</table>

☐ 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.
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.

Become a Fellow of the American College of Critical Care Medicine

SUNDAY, JANUARY 16, 2011  10:30 A.M. - 11:30 A.M.
SAN DIEGO CONVENTION CENTER  ROOM 32

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, Booth #644, to answer questions and to distribute applications. Fellowship applications must be submitted by March 15, 2011. Email Carol Prendergast at cprendergast@sccm.org for additional information.

ACCM Convocation and SCCM Awards Ceremony

MONDAY, JANUARY 17, 2011   6:00 P.M. - 7:30 P.M.
HILTON SAN DIEGO BAYFRONT  INDIGO BALLROOM

Members and guests are invited to attend the ACCM Convocation and SCCM Awards Ceremony where 48 new Fellows will be inducted into ACCM and award and grant recipients will be honored. Come support your colleagues on this prestigious occasion.

Timothy G. Buchman, MD, PhD, FCCM, is the recipient of the 2011 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. Dr. Buchman’s address is titled, “Research as a Subversive Activity.”

ACCM Town Hall

TUESDAY, JANUARY 18, 2011   3:15 P.M. - 4:45 P.M.
SAN DIEGO CONVENTION CENTER  ROOM 32

All Congress attendees are invited to attend the ACCM’s Town Hall where this year’s topic will be, “The Good Old Days Were Not So Good: A Changing Healthcare Environment Can Work in Your Favor.” Neal Cohen, MD, MPH, FCCM, will present “New Teaching Guidelines Are Here to Stay,” Elizabeth Daleen Aragon-Penoyer, RN, PhD, FCCM, will present “A Balanced Lifestyle Improves Job Satisfaction and Patient Care,” and David Cerino, GM, will present “Healthcare Informatics Systems Are User Friendly and So Are Robots.” Don’t miss this interactive discussion!

ACCM Business Meeting

TUESDAY, JANUARY 18, 2011  4:45 P.M. - 5:15 P.M.
SAN DIEGO CONVENTION CENTER  ROOM 32

The leadership of the ACCM will announce election results for the 2011-2012 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.
Take a look.

Vscan, GE’s remarkable pocket-sized ultrasound, helps provide fast answers in urgent situations. The Vscan online Webucation provides intuitive training tools to get you started with general imaging techniques.

See Vscan in action at GE Booth #518.

healthy imagination
a GE commitment

Learn more at vscan.gehealthcare.com
And start using Vscan in your office or ICU.
Pocket-sized convenience.
Powerful visualization.

GE Healthcare’s new visualization tool puts the power of ultrasound in the palm of your hand. Ultrasound is now easily accessible, and can help you make quick decisions in urgent care situations.

This easy-to-use device provides a non-invasive look inside the body to assist with immediate triage and rapid intervention. With ultrasound readily available, you can quickly gather the information you need to help determine the course of treatment. And by helping to speed diagnosis, you can improve workflow and reduce patient wait times.

Having this tool in your pocket and ready to use at a moment’s notice not only helps you make faster decisions, but provides your patients a sense of confidence in decisions related to their care.

Potential applications

Vscan is cleared for:

- FAST
- Abdomen
- Cardiac
- Urinary bladder
- OB/GYN
- Pediatric
- Thoracic/pleural fluid and motion detection

For more information, visit us at https://vscan.gehealthcare.com.
Adult Multiprofessional Critical Care Board Review Course

August 16-20, 2011
Fairmont Chicago Millennium Park Hotel
Chicago, Illinois, USA

Your source for the most comprehensive board preparation in critical care!

The 2011 Adult Multiprofessional Critical Care Board Review Course (MCCBRC) will provide the most comprehensive review in the diagnosis, monitoring and management of critically ill patients. This course 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 course also will provide an excellent update for any critical care professional seeking the most current review of the field.

Founding Director
Henry Masur, MD, FCCM
Clinical Professor of Medicine
George Washington University School of Medicine
Washington, DC, USA

Founding Director
Joseph E. Parrillo, MD, FCCM
Cooper University Hospital/UMC
Camden, New Jersey, USA

REGISTER ONLINE AT WWW.SCCM.ORG/BOARDREVIEW OR CONTACT SCCM CUSTOMER SERVICE AT +1 847 827-6888.
CELEBRATE SCCM’S 40TH ANNIVERSARY

Don’t miss SCCM’s 40th anniversary celebration to be held aboard the USS Midway Museum. This historic ship is the longest-serving Navy aircraft carrier of the 20th century. Once aboard, attendees will enjoy music, hors d’oeuvres and the company of colleagues and friends. Relive nearly 50 years of world history through a variety of hands-on activities, including flight simulators, music videos, short films, interactive exhibits, and much more. A Congress badge is required for admittance. All Congress attendees and registered guests are welcome.

This special anniversary also will be observed throughout Congress, with an opening session video and displays outlining the Society’s accomplishments in each of the last four decades. Special thanks to Jim Snyder, MD, FCCM, and Ms. Jennifer Brownlee, for their help in the development of the video From Dreams to Expert Plans.
PLENARY SESSIONS

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

**Ezekiel EMANUEL, MD, PhD**
Head, Department of Bioethics
National Institutes of Health
Special Advisor for Health Policy to the Director of White House Office of Management and Budget
Bethesda, Maryland, USA
Sunday, January 16, 2011 • 9:25 A.M. - 10:00 A.M.
Healthcare Reform and the Future of American Medicine

**Luciano GATTINONI, MD**
LIFETIME ACHIEVEMENT AWARD WINNER
Director, Department of Anesthesia and Intensive Care
Università degli studi di Milano
Milan, Italy
Sunday, January 16, 2011 • 2:00 P.M. - 2:45 P.M.
My Acute Respiratory Distress Syndrome Therapy in 2011: Moving Forward, Looking Back

**Ann E. THOMPSON, MD, FCCM**
WILLIAM SHOEMAKER HONORARY LECTURE
Medical Director, Clinical Resource Management
Pediatric Critical Care Medicine
Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA
Monday, January 17, 2011 • 8:15 A.M. - 9:00 A.M.
Sticks and Stones May Break My Bones, and Words Can Really Hurt Me

**Stephen STREAT, BCC, MBChB**
AKE GRENVIK HONORARY LECTURE
Intensivist
Clinical Associate Professor in the Division of Surgery
Auckland City Hospital
Auckland, New Zealand
Monday, January 17, 2011 • 1:30 P.M. - 2:15 P.M.
Living and Dying in Intensive Care

**Ged WILLIAMS, RN, BSN, MHA, LLM**
Executive Director and Professor of Nursing and Midwifery
Gold Coast Health Service District
Southport, Queensland, Australia
Tuesday, January 18, 2011 • 8:15 A.M. - 9:00 A.M.
First We Were Many, Now We Are One: A Worldwide Perspective of Critical Care Nursing

**Peter J. PRONOVOST, MD, PhD, FCCM**
MAX HARRY WEIL HONORARY LECTURE
Professor
Johns Hopkins University School of Medicine
Baltimore, Maryland, USA
Tuesday, January 18, 2011 • 1:30 P.M. - 2:15 P.M.
Getting to Zero Central Line-Associated Bloodstream Infections: A Model for Improving Patient Safety

**Deborah J. COOK, MD**
PETER SAFAR HONORARY LECTURE
Professor
McMaster University
Hamilton, Ontario, Canada
Wednesday, January 19, 2011 • 8:15 A.M. - 9:00 A.M.
Investigator-Initiated Trials: Expired or Inspired?

POPULAR CONGRESS EVENTS AND SESSIONS

40th Anniversary Celebration
Don’t miss SCCM’s anniversary celebration, to be held on Saturday, January 15, 2011, from 6:30 p.m. to 8:30 p.m., aboard the USS Midway Museum. Mark the milestone with colleagues in a relaxed casual environment. All Congress attendees and registered guests are welcome.

Fellowship Directors’ Luncheon
Critical care fellowship program directors are invited to participate in the Fellowship Directors’ Luncheon, to be held on Monday, January 17, from 12:00 p.m. to 1:20 p.m. in Room 32. This year’s luncheon will provide you with the latest information on procedural competency and credentialing. A panel of experts from surgery, emergency medicine, internal medicine, anesthesia, pediatrics, and pharmacy programs will be available to answer your most pressing questions.

Breakfast Sympoisa
Learn about clinical breakthroughs and advances that lead to better patient care during the stimulating discussions of breakfast 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-sponsored sessions are complimentary for all Congress registrants and no additional registration is needed to attend. Symposia will be held on Monday, January 17, from 6:30 a.m. to 8:00 a.m.

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 18, from 2:30 p.m. to 3:00 p.m., in Room 32 of the San Diego Convention Center.

ABSTRACT PRESENTATIONS AND POSTER HALL EVENTS

▲ Oral Presentations
Oral presentations will be scheduled, unopposed, from 3:45 p.m. to 5:45 p.m. on Sunday, January 16. 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 16, through Tuesday, January 18, during lunch hours. Winners of SCCM’s abstract-based awards will be recognized during a ceremony in Room 11 on Tuesday, January 18 at 1:00 p.m.

▲ Professor Walk Rounds
Select 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 on Sunday, January 16, from 12:30 p.m. to 1:30 p.m., on Monday, January 17, from 12:00 p.m. to 1:00 p.m., and on Tuesday, January 18, from 12:00 p.m. to 1:00 p.m.
SCCM CENTRAL

In celebration of the Society’s 40th anniversary, Congress registrants will receive a complimentary copy of The Society of Critical Care Medicine: The First Forty Years. SCCM’s founding members and past presidents will be available to sign your copy of this book in the Exhibit Hall during these times:

SUNDAY, JANUARY 16: 10:30 A.M. - 3:15 P.M.
MONDAY, JANUARY 17: 9:00 A.M. - 3:15 P.M.
TUESDAY, JANUARY 18: 9:00 A.M. - 3:15 P.M.

Sponsored by PharMEDium

Membership

Become a member of the world’s largest multiprofessional critical care organization. Members enjoy reduced registration rates for SCCM’s annual Congress, discounts on SCCM educational programs and products, and networking opportunities with critical care colleagues from around the world. Nonmembers can stop by SCCM Central to take advantage of the special introductory membership dues offer for attendees of the 40th Critical Care Congress: $110 for Healthcare Professionals, $250 for Physicians and $150 for International Physicians. For your convenience, a membership application is located on page 8. If you are already a member, find out how you can become more involved, renew your membership on site or update your membership profile and contact information.

Sections and Chapters

Join one of the 14 sections and 11 chapters of SCCM. Sections serve as a voice for members of the same or similar disciplines 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 that affect 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 American College of Critical Care Medicine (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. Visit SCCM Central for information on applying for Fellowship in the ACCM.

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 critical care 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 member of the SCCM staff will be available to demonstrate our newly launched site that integrates with hundreds of other online career portals in the healthcare community.

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 offers attendees a chance to win great prizes. This year, SCCM offers four chances to win an Apple iPad®, which will be customized with SCCM content. Please complete the drawing tickets included in your registration packet and drop them at the raffle drum located in SCCM Central.

SCCM Bookstore

A complete selection of SCCM publications, educational materials and merchandise is available for purchase at the bookstore located in SCCM Central or the satellite bookstore located on the 2nd floor outside Ballroom 20. Members of the Society receive a discount of up to 25% on all purchases. If you are not a member, join SCCM at Congress and take advantage of the member discount.
IN ACETAMINOPHEN OVERDOSE, TIME IS LIVER

For maximal protection against hepatic injury administer ACETADOTE® within 8 hours post-ingestion

- 3-bag, 21-hour I.V. infusion
- I.V. administration allows for dependable dose delivery
- Approved for pediatric use

Indications and Usage
Acetadote, administered intravenously within 8 to 10 hours after ingestion of a potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

Important Risk Information
Acetadote is contraindicated in patients with hypersensitivity or previous anaphylactoid reactions to acetylcysteine or any components of the preparation. Serious anaphylactoid reactions, including death in a patient with asthma, have been reported in patients administered acetylcysteine intravenously.

Acetadote should be used with caution in patients with asthma, or where there is a history of bronchospasm. The total volume administered should be adjusted for patients less than 40 kg and for those requiring fluid restriction.

In the literature, the most frequently reported adverse events attributed to I.V. acetylcysteine administration were rash, urticaria, and pruritus. The frequency of adverse events has been reported to be between 0.2% and 20.8%, and they most commonly occur during the initial loading dose of acetylcysteine. In a clinical study utilizing a 60-minute loading dose, the following incidences of anaphylactoid reactions occurred: mild 6%, moderate 7%, and severe 1%.

Please see Brief Summary of Prescribing Information on the following page.

To learn more, or to use our online Dosing Calculator, visit www.acetadote.net
ACETADOTE® (acetylcysteine) Injection

INDICATIONS AND USAGE

Acetadote, administered intravenously within 8 to 10 hours after ingestion of a potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

CONTRAINDICATIONS

Acetadote is contraindicated in patients with previous anaphylactoid reactions to acetylcysteine.

WARNINGS AND PRECAUTIONS

Serious anaphylactoid reactions, including death in a patient with asthma, have been reported in patients administered acetylcysteine intravenously.

Acute flushing and erythema of the skin may occur in patients receiving acetylcysteine intravenously. These reactions usually occur 30 to 60 minutes after the infusion and often resolve spontaneously, despite continued infusion of acetylcysteine. Anaphylactoid reactions (defined as the occurrence of an acute hypersensitivity reaction during acetylcysteine administration including rash, hypotension, wheezing, and/or shortness of breath) have been observed in patients receiving i.v. acetylcysteine for acetaminophen overdose and occurred soon after initiation of the infusion. [see Adverse Reactions]. If a reaction to acetylcysteine involves more than simply flushing and erythema of the skin, it should be treated as an anaphylactoid reaction. This usually entails administering the following: cough, wheezing, hypotension, anaphylaxis, and/or laryngeal edema. In addition, the acetylcysteine infusion may be interrupted until treatment of the anaphylactoid symptoms has been initiated and then carefully restarted. If the anaphylactoid reaction returns upon reinitiation of treatment or increases in severity, intravenous acetylcysteine should be discontinued and alternative patient management should be considered.

Acetadote should be used with caution in patients with asthma, or where there is a history of bronchospasm. The total volume administered should be adjusted for patients less than 40 kg and for those requiring fluid restriction. To avoid fluid overload, the volume of diluent should be reduced as needed [see Dosage and Administration]. If volume is not adjusted fluid overload can occur, potentially resulting in hypotension, seizure, and death.

ADVERSE REACTIONS

In the literature the most frequently reported adverse reactions attributed to i.v. acetylcysteine administration were rash, urticaria, and pruritus. The frequency of adverse reactions has been reported to be between 0.2% and 20.8%, and they most commonly occur during the initial loading dose of acetylcysteine.

Loading Dose/Infusion Rate Study

A randomized, open-label, multi-center clinical study was conducted in Australia to compare the rates of anaphylactoid reactions between a 15-minute and a 60-minute rate of infusion for the i.v. acetylcysteine loading dose regimen. Within the first 2 hours following i.v. acetylcysteine administration, 17% developed an anaphylactoid reaction (18% in the 15-minute group compared to 16% in the 60-minute treatment group). Drug-related adverse events included: [15 min. vs. 60 min. percentages in parentheses] cardiac disorders (5% vs. 3%), gastrointestinal disorders (15% vs. 10%), immune system disorders (18% vs. 14%), respiratory, thoracic and mediastinal disorders (2% vs. 3%), skin and subcutaneous tissue disorders (6% vs. 7%) and vascular disorders (2% vs. 4%).

Postmarketing Safety Study

A large multi-center study was performed in Canada where data were collected from patients who were treated with IV NAC for acetaminophen overdose between 1980 and 2005. This study evaluated 4709 adult cases and 1905 pediatric cases. The overall incidence of anaphylactoid reactions was 7.9% in adult patients and 9.5% in pediatric patients. The distribution of reported reactions in this study was: [adult/pediatric percentages in parenthesis] urticaria/facial flushing (6.1%/7.6%), pruritus (4.3%/4.1%), respiratory symptoms (1.9%/2.2%), edema (1.6%/1.2%), hypotension (0.1%/0.1%) and anaphylaxis (0.1%/0.2%). Respiratory symptoms are defined as presence of any of the following: cough, wheezing, stridor, shortness of breath, chest tightness, respiratory distress, or bronchospasm.

Nursing mothers

It is not known whether Acetadote is present in human milk. Because many drugs are excreted in human milk, caution should be exercised when acetylcysteine is administered to a nursing woman. Based on the pharmacokinetics of acetylcysteine, it should be nearly completely cleared 30 hours after administration. Nursing women may consider resuming nursing 30 hours after administration.

PEDIATRIC USE

No adverse effects were noted during i.v. infusion with acetylcysteine at a mean rate of 4.2 mg/kg/h for 24 hours to 10 preterm newborns ranging in gestational age from 25 to 31 weeks and in weight from 500 to 1380 grams in one study or in 6 newborns ranging in gestational age from 26 to 30 weeks and in weight from 520 to 1335 grams infused with acetylcysteine at 0.1 to 1.3 mg/kg/h for 6 days. Elimination of acetylcysteine was slower in these infants than in adults; mean elimination half-life was 11 hours. There are no adequate and well-controlled studies in pediatric patients.

ERGIC USE

The clinical studies do not provide a sufficient number of geriatric subjects to determine whether the elderly respond differently.

OVERDOSAGE

Single intravenous doses of acetylcysteine at 1000 mg/kg in mice, 2445 mg/kg in rats, 1500 mg/kg in guinea pigs, 1200 mg/kg in rabbits and 500 mg/kg in dogs were lethal. Symptoms of acute toxicity were ataxia, hypoactivity, labored respiration, cyanoisis, loss of righting reflex and convulsions.

NONCLINICAL TOXICOLOGY

Carcinogenesis, Mutagenesis, Impairment of Fertility

Long-term studies in animals have not been performed to evaluate the carcinogenic potential of acetylcysteine. Acetylcysteine was not genotoxic in the Ames test or the in vivo mouse micronucleus test. It was, however, positive in the in vitro mouse lymphoma cell assay (L5178Y/TK+/-) forward mutation test. Treatment of male rats with acetylcysteine at an oral dose of 250 mg/kg/day for 15 weeks (0.8 times the recommended human dose of 300 mg/kg) did not affect the fertility or general reproductive performance.

Reproductive and Developmental Toxicology

Reproductive studies were performed in rats at oral doses up to 2000 mg/kg/day (6.7 times the recommended human dose of 300 mg/kg) and in rabbits at oral doses up to 1000 mg/kg/day (3.3 times the recommended human dose of 300 mg/kg) and revealed no evidence of impaired fertility or harm to the fetus due to acetylcysteine [see Pregnancy].

Please refer to the package insert for full prescribing information.
Current Concepts in Adult and 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 MEMBER/$95 NONMEMBER

Coding and Billing for Critical Care: A Practice Tool, Fourth Edition

A must-have text for professional coders, hospital administrators, physicians, and advanced practice nurses, this fourth edition explains the complexities of critical care coding and billing and provides assistance in optimizing understanding of the coding and billing procedures in a critical care setting. The 2010 Current Procedural Terminology (CPT®) changes are incorporated, with updates including revised consultation material and the addition of coding information for bedside ultrasound.

$70 MEMBER/$95 NONMEMBER

Clinical Focus Hypothermia On Demand

Clinical Focus On Demand features lectures presented in April 2010 at the SCCM Clinical Focus Conference, Keeping It Cool: How to Implement Hypothermia in Your Clinical Practice. Searchable slide presentations and synchronized speaker audio are available for every lecture.

$145 MEMBER/$195 NONMEMBER

Critical Care Units: A Descriptive Analysis, Second Edition

This second edition provides a 24-hour snapshot of U.S. critical care resources, focusing on staffing trends, technology, general patient characteristics, and processes for delivering advanced medical care to injured and ill patients. In this edition, SCCM reports results from its 2010 National Survey of Critical Care Resources.

$145 MEMBER/$210 NONMEMBER

Therapeutic Hypothermia in the ICU

Therapeutic Hypothermia in the ICU provides an overview of optimized management of critically ill and injured patients who are cooled using this method. Included are discussions related to timing, duration, rewarming, and the impact on coagulation, infection control, and drug metabolism and interactions.

$49 MEMBER/$64 NONMEMBER

Self-Assessment in Pediatric Multiprofessional Critical Care

Developed by leading experts in pediatric critical care, Self-Assessment in Pediatric Multiprofessional Critical Care is essential for anyone preparing for board certification or recertification. This valuable review contains more than 240 multiple choice questions, including dozens of case-based items, designed to challenge your knowledge in 11 pediatric focus areas.

$200 MEMBER/$260 NONMEMBER

Adult and Pediatric Multiprofessional Critical Care Board Review Courses On Demand

The On Demand versions of the Adult and Pediatric Multiprofessional Critical Care Board Review Courses (MCCBRC) allow you to view the educational sessions presented at the live courses on your own time and at your own pace. Videos containing both slides and lectures from every session are available in searchable format, along with MP3 audio files suitable for download to a portable music player.

$595 MEMBER/$775 NONMEMBER
Acute Kidney Injury and Treatment Protocols

Acute kidney injury (AKI) occurs in approximately 67% of intensive care unit (ICU) admissions annually and is associated with an increased risk for hospital mortality. The syndrome is generally defined as an abrupt and sustained decrease in kidney function and treatment is complex.

Advance your understanding of AKI and gain effective strategies for developing, implementing and performing protocols for managing the condition. Register for the Society of Critical Care Medicine’s (SCCM) latest conference in the Clinical Focus series, Acute Kidney Injury and Treatment Protocols, to be held March 10 and 11, 2011, in Atlanta, Georgia, USA. A multiprofessional team of experts will provide the latest research and information about AKI, covering:

- Pathophysiology, epidemiology and prevention of AKI
- Identification of early signs of renal impairment based on laboratory and diagnostic tools and procedures
- Drug and non-drug therapies for AKI
- Best treatment methodologies for the correction and/or stabilization of renal function in the ICU patient
- Practical aspects of renal replacement therapy (RRT)

Participants will have the opportunity to discuss case studies and review practical applications of continuous renal replacement therapy (CRRT) techniques with the faculty during workshop sessions. Up to 15 CME credits may be earned for this activity.

Register today at www.sccm.org/clinicalfocus or contact SCCM Customer Service at +1 847 827-6888.

MARCH 10-11, 2011
THE OMNI HOTEL AT CNN CENTER
ATLANTA, GEORGIA, USA

Presented in partnership with: AACC, KICO
SCCM’S GREEN INITIATIVES

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 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.

AN ENVIRONMENTALLY FRIENDLY CONGRESS

The San Diego Convention Center and GES Exposition Services both provided SCCM with environmentally friendly products and services that helped reduce the environmental footprint of the 40th Critical Care Congress.

The San Diego Convention Center’s green initiatives include: a recycling program, green restrooms, an energy-efficient heating and cooling system, environmental purchasing, donation of reusable goods, energy-management software, and low-emission lighting.

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

MAKE A DIFFERENCE! KEEP IT GREEN AT CONGRESS

▲ Bring a reusable water bottle, preferably aluminum rather than plastic, instead of purchasing bottled water.
▲ Recycle your badge holder and vinyl registration envelope in the appropriate recycling bins located throughout the San Diego Convention Center.
▲ Donate gently used or unwanted items, such as participant bags, supplies and exhibitor items, to local charities.
▲ Recycle paper, plastic and aluminum products in the receptacles located throughout the San Diego Convention Center.
SCCM STAFF

Executive
David Julian MARTIN, CAE
Chief Executive Officer/Executive Vice President
Dorothy SUWANSKI
Executive Assistant
Ellen TURNLEY, PHR
Human Resources Manager

Business Affairs
Brian SCHRAMM, CAE
Director of Business Affairs
Jim BROWN
Accounting Manager
Maria BUCICA
Accounts Payable Clerk
Virginia CALDERONE
Customer Service Representative
Ariana HOBBY
Customer Service Manager
Tiffany JACKSON
Cash Receipts Administrator
Marianne OLSON
Receptionist
Antonio ORTIZ
Customer Service Representative
Frank PETRITIS
Facilities Administrator
Sheryl ROBINSON
Staff Accountant-Budgets and Financial Reporting
Tyquila SIMS
Customer Service Representative
JoAnn WILLIAMS
Customer Service Representative

Meetings and Conventions
Pamela S. DALLSTREAM, CMP
Director of Meetings and Conventions
Trudi BARTAKOVICS, CMP
Meetings and Conventions Manager
Barb GOULD
Meetings and Conventions Coordinator
Tracy MONDROWSKI
Meetings and Conventions Coordinator

Organizational Affairs
Diana HUGHES, CAE
Director of Organizational Affairs
Carol PRENGERGAST
Organizational Affairs Coordinator
Colette PUNDA
Organizational Affairs Manager

Program Development and Professional Affairs
Nancy STONIS, RN, BSN, MJ
Director of Program Development and Professional Affairs
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
Gervaise NICKLAS, MS, RN
Manager of Program Development
Sylvia QUINTANILLA
Program Development Coordinator
Steve WYATT
e-Learning Specialist

Publications
Lynn RETFORD
Director of Publications
Mary Ann BRANAGAN
Periodical Publications Manager
Katie BROBST
Managing Editor, Books
Amanda COZZA
Editorial Assistant, Publications
Heather HAEMKER
Editorial Assistant, Publications
Laura KOLINSKI
Editorial Assistant, Guidelines
Melissa NIELSEN
Manager, Print, Online and New Media Communications
Sophie TOSTA
Managing Editor, Journals
Kyleigh VRETTOS
Editorial Assistant, Journals

Technology
Jeff SCHAEFER
Director of Technology
Karen BOMAN
Database Analyst
Julian CORLACI
e-Developer
Michael HUERTA
Technology Support Specialist
Laura LEWIS
Manager of Technology
Kirk PALMATIER
Network Administrator
Lysander SNOW
Software Developer

Marketing
James FLANIGAN
Director of Marketing
Rosa HERNANDEZ
Hospital Relations Specialist
Kenneth Klarich
Hospital Relations Manager
Colleen McNamara
Industry Relations Specialist
Desiree NG
Industry Relations Manager
Julie OSWALD
Marketing Communications Manager
Rebecca POMAZAK
Marketing Communications Specialist
Victoria ROOS
Marketing Communications Specialist
Ewa STANKIEWICZ
Membership Marketing Manager
Excellent protection against microaspiration and VAP¹

Endotracheal tube cuffs are there for a reason — to prevent aspiration. The problem is, most cuffs are limited in their ability to perform this function.

Now, there’s a better choice. Mallinckrodt™ TaperGuard™ Evac endotracheal tube cuffs can reduce microaspiration an average of 90% compared with our own Mallinckrodt™ Hi-Lo cuffs.¹

The TaperGuard Evac tube combines the unique taper-shaped cuff with the latest generation of Mallinckrodt Evac tube technology.

The Mallinckrodt Evac tube technology has been shown to reduce ventilator-associated pneumonia (VAP).²

To learn more about respiratory solutions from Covidien, visit Booth 118.

¹ FDA 510(k) clearance.

COVIDIEN, COVIDIEN with logo, Covidien logo and positive results for life are U.S. and internationally registered trademarks of Covidien AG. Other brands are trademarks of a Covidien company. ©2010 Covidien. All rights reserved.
GENERAL INFORMATION

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 Lobby D of the San Diego Convention Center.

ATMs
There are two permanent Automated Teller Machines (ATMs) located in Lobbies B and E of the San Diego Convention Center. A $2.00 service fee applies.

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. Lost badges may be replaced at the SCCM Registration Desk, located in Lobby D of the San Diego Convention Center. 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.

Business Center
The Business Center is located in Lobby D of the San Diego Convention Center, across from the SCCM Registration Desk. 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.

CE/CME Stations
Congress participants can complete evaluations and CE/CME forms at the CE/CME Stations located near Ballroom 20 on the Upper Level. Please note: certificates cannot be printed on site, but participants can email the completed certificates to themselves for future printing. Participants also can complete their forms by visiting www.sccm.org/2011Congress from their own personal computer.

Coffee/Dining
Concessions will be open in Exhibit Halls D and F during exhibit hall hours. Starbucks Coffee, beverages and specialty food items are located in Lobbies C and E of the San Diego Convention Center. The on-site restaurant, Tides, located in Lobby A, also serves coffee and is open for breakfast and lunch.

Many dining options also are available in San Diego’s famous Gaslamp Quarter – just a short walk from the San Diego Convention Center. A representative at the Concierge Desk in Lobby E of the San Diego Convention Center can assist you with reservations, menus, pricing, directions, and other information.

Emergency Procedures
The safety and security of attendees is the first priority of SCCM and the San Diego Convention Center. In the event of an emergency, contact an SCCM staff member or dial 911 from any white house phone in the Convention Center. This will connect you with in-house security, who will alert paramedics.

A paramedic is available in the First Aid Center, located in Box Office E at the San Diego Convention Center, to ensure the safety and well-being of all Congress participants.

Lost and Found
Lost and Found is located in the SCCM Convention Office in Room 23A.

Meeting Bag Pick-Up/Coat and Luggage Check
Coat and luggage check services will be available in the Registration Area, located in Lobby D of the San Diego Convention Center. A fee of $2.00 per checked item will be charged for this service, which is available during Congress registration hours.

Message Board
A message board will be located outside the SCCM Convention Office in Room 23A.

Mobile Event Guide
The Society’s new mobile schedule builder allows you to search for sessions, speakers, business meetings, exhibitors and abstracts from your smartphone, while you navigate the Exhibit Hall and Convention Center through interactive maps. With applications built specifically for the iPhone®, Android™ and Blackberry®, as well as a web-based version, the mobile schedule builder lets you access the entire Congress program from any location. See page 4 for details.

No Smoking Policy
In accordance with California law, the San Diego Convention Center is a smoke-free environment. Smoking is permitted in designated areas outside the building only.

Parking
On-site, private vehicle parking at the San Diego Convention Center is available in the underground garage through an outside parking management company, not controlled by the Convention Center. Daily rates apply. Note: there is no overnight or 24-hour parking. Off-site, private vehicle parking is available at numerous parking lots located nearby. SCCM does not validate parking.

Poster Activities
All posters are displayed in the Sails Pavilion.

SATURDAY, JANUARY 15
8:00 A.M. - 5:00 P.M.  POSTER SETUP
SUNDAY, JANUARY 16
9:00 A.M. - 3:30 P.M.  POSTERS DISPLAYED
12:30 P.M. - 1:30 P.M.  PROFESSOR WALK ROUNDS
MONDAY, JANUARY 17
9:00 A.M. - 3:30 P.M.  POSTERS DISPLAYED
12:00 P.M. - 1:00 P.M.  PROFESSOR WALK ROUNDS
TUESDAY, JANUARY 18
9:00 A.M. - 3:30 P.M.  POSTERS DISPLAYED
12:00 P.M. - 1:00 P.M.  PROFESSOR WALK ROUNDS
1:00 P.M. - 1:30 P.M.  ABSTRACT-BASED AWARDS CEREMONY (ROOM 11)
3:30 P.M. - 6:00 P.M.  POSTER RETRIEVAL

Neither SCCM, GES nor the San Diego Convention Center is responsible for items left after these times.
Refreshment Breaks in Exhibit Hall D
Complimentary refreshments will be available during the morning and afternoon breaks in Exhibit Hall D on Sunday, January 16; Monday, January 17; and Tuesday, January 18. These breaks are excellent opportunities for attendees to visit with the exhibitors while enjoying refreshments. Complimentary refreshments will also be available in the lobby outside Ballroom 20 on Wednesday, January 19.

Registration
Registration is located in Lobby D of the San Diego 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 13</td>
<td>4:00 P.M. - 7:00 P.M.</td>
</tr>
<tr>
<td>Friday, January 14</td>
<td>6:45 A.M. - 5:00 P.M.</td>
</tr>
<tr>
<td>Saturday, January 15</td>
<td>6:45 A.M. - 5:00 P.M.</td>
</tr>
<tr>
<td>Sunday, January 16</td>
<td>6:45 A.M. - 5:45 P.M.</td>
</tr>
<tr>
<td>Monday, January 17</td>
<td>5:30 A.M. - 5:15 P.M.</td>
</tr>
<tr>
<td>Tuesday, January 18</td>
<td>7:30 A.M. - 5:15 P.M.</td>
</tr>
<tr>
<td>Wednesday, January 19</td>
<td>7:30 A.M. - 11:30 A.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 Service – 40th Anniversary Celebration
Transportation to and from the 40th Anniversary Celebration on the USS Midway will be provided on Saturday, January 15, between 6:15 p.m. and 9:00 p.m. Buses will depart from the lobby entrance of the following hotels: Omni San Diego Hotel, Hilton San Diego Bayfront, Embassy Suites San Diego Bay, and San Diego Marriott.

Attendees staying at the Hard Rock, Hilton Gaslamp Quarter, or Hotel Solamar will board at the Omni San Diego Hotel.

Shuttle Service – Airport
Outbound shuttle service to the San Diego International Airport will be available as follows:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, January 18</td>
<td>1:00 P.M. - 6:00 P.M.</td>
</tr>
<tr>
<td>Wednesday, January 19</td>
<td>5:00 A.M. - 6:00 P.M.</td>
</tr>
</tbody>
</table>

Tickets are $10.00 per person and may be purchased at Registration in Lobby D of the San Diego Convention Center. For questions call +1 877 865-3437.

Society Offices/Exhibits
All locations are in the San Diego Convention Center unless otherwise indicated.

<table>
<thead>
<tr>
<th>Office/Exhibit</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Center</td>
<td>Lobby D, Across from Registration</td>
</tr>
<tr>
<td>Coat and Luggage Check</td>
<td>Lobby D, Registration</td>
</tr>
<tr>
<td>Continuing Education Stations*</td>
<td>Ballroom 20, Lobby</td>
</tr>
<tr>
<td>Convention Office</td>
<td>Room 23A</td>
</tr>
<tr>
<td>First Aid Center</td>
<td>Box Office A</td>
</tr>
<tr>
<td>Meeting Bag Pick-Up</td>
<td>Lobby D, Registration</td>
</tr>
<tr>
<td>Poster Exhibits</td>
<td>Sails Pavilion</td>
</tr>
<tr>
<td>Registration</td>
<td>Lobby D</td>
</tr>
<tr>
<td>Satellite Bookstore</td>
<td>Ballroom 20, Lobby</td>
</tr>
<tr>
<td>SCCM Central</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>Speaker Ready Room</td>
<td>Room 21</td>
</tr>
<tr>
<td>Technical Exhibits</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>Wireless Internet Access</td>
<td>SCCM Central and Exhibit Hall F</td>
</tr>
</tbody>
</table>

*Complete your evaluation 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 21, which will be open during the same hours as Registration.

Special Assistance
An electric scooter is available for use within the San Diego Convention Center at no charge. It may be picked up from the SCCM Convention Office, located in Room 23A.

Suggestion Box
Suggestion boxes are available at SCCM Registration located in Lobby D of the San Diego Convention Center and at the SCCM Convention Office in Room 23A. Please provide any comments, suggestions or other valuable feedback useful for evaluating the 40th 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
Sponsored by Medtronic Diabetes
Internet access is available at SCCM Central in Exhibit Hall D and complimentary WiFi is available in Exhibit Hall F.

Society of Critical Care Medicine
40th Critical Care Congress Program
NUTRITION IN THE ICU: Early Goal-Directed Therapy Is Key

Nutrition support therapy over the past decade has favored early enteral nutrition. This practice has led to some patients experiencing prolonged periods of inadequate energy and nutrient delivery due to enteral nutrition failure. Today there is renewed interest in supplementing inadequately fed patients with parenteral nutrition as well as in identifying patients who are candidates for early parenteral nutrition support therapy. This multidisciplinary presentation will address the latest advancements in clinical practice supporting the appropriate and safe use of parenteral nutrition in the intensive care unit.

Attend this CME/CE-accredited breakfast symposium held during the Society of Critical Care Medicine’s 40th Critical Care Congress. Space is limited. Seating is on a first-come, first-served basis.

MONDAY, JANUARY 17, 2011 | 6:30 A.M. – 8:00 A.M.
BREAKFAST WILL BE SERVED FROM 5:30 A.M. TO 6:30 A.M.
SAN DIEGO CONVENTION CENTER | SAN DIEGO, CALIFORNIA, USA

PROGRAM

Diagnosing Malnutrition and Nutrition Risk in the Critical Care Setting
Charles Van Way III, MD, FCCM
Department of Surgery Chairman
Truman Medical Center
Kansas City, Missouri, USA

Target Goals for Energy and Protein in Critically Ill Patients
Ainsley Malone, MS, RD, LD, CNSD
Nutrition Support Dietitian
Mount Carmel West Hospital
Columbus, Ohio, USA

Practical Aspects of Goal-Directed Parenteral Nutrition Therapy: Safe Prescription and Delivery
Jay M. Mirtallo, MS, RPh, BCNSP
Specialty Practice Pharmacist
The Ohio State University Medical Center
Director, Masters in Health-Systems Pharmacy Program
The Ohio State University, College of Pharmacy
Columbus, Ohio, USA
At the conclusion of the 40th Critical Care Congress, participants should be able to:

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

**ADMINISTRATION**

> Addressing Workforce Issues in Critical Care (A,C,D,E) p. 80
> Are Intensivists Really Needed? (A,B) p. 66
> Advanced Practice Nurses in Critical Care (B,E) p. 79
> Challenges Associated with Incorporating New Devices and Therapies (A,B,C,D,E) p. 74
> Coming Soon to an ICU Near You: Pay for Performance (A,B,C,D,E) p. 80
> Enhancing Workplace Morale (B,C,E) p. 72
> Hot off the Press! 2011 Guidelines (A,B,C,D,E) - PEDIATRICS p. 75
> Internet for the Intensivist (A,B,C,E) p. 76
> Issues in Disaster and Pandemic Management (A,B,C,D,E) p. 56
> Operating at 110% Capacity (A,B,C,D,E) p. 79
> Pediatric Nursing Issues (A,B,C,D,E) - PEDIATRICS p. 66
> Plenary: Getting to Zero Central Line-Associated Bloodstream Infections: A Model for Improving Patient Safety (B,D,E) p. 73
> Plenary: Investigator-Initiated Trials: Expired or Inspired? (B) p. 78
> Rapid Response Systems Debate (A,B,C,D,E) p. 77
> Results from the SCCM Vision Grants (A) p. 77
> Updates in ICU Telemedicine (A,B,C,D,E) p. 57
> Using Nurse Practitioners and Physician Assistants in the ICU (A,B,D) p. 71

**ENDOCRINE**

> Endocrine Issues in the Pediatric ICU (B) - PEDIATRICS p. 72
> Glycemic Control 2011: Moving Beyond “Targets” (A,B,C,D,E) p. 72
> Metabolics in Critical Illness (B) p. 67

**EPIDEMIOLOGY/OUTCOMES**

> Determinants of Recovery from Critical Illness (B) p. 63

**ETHICS - END OF LIFE**

> Conflict in the ICU at the End of Life (A,B,C,D,E) p. 63
> Determining Death by Neurological Criteria in 2011 (A,B) p. 75
> Issues in Rationing Critical Care (A,B,C,D,E) p. 56
> Plenary: Living and Dying in Intensive Care (A,B,D) p. 65
> The Pitfalls of Prognostication (B) p. 70

**GI - NUTRITION**

> Breakfast Symposium: Nutrition in the ICU: Early Goal-Directed Therapy Is Key (A, B) p. 61
> Gastrointestinal Motility: Let’s “Gut” Moving (A,B) p. 67
> Nutrition Buffet: What’s on the Menu? (A,B) p. 71

**HEMATOLOGY**

> New Horizons in Hemostasis (A,B) p. 70
> New Ideas for Blood Oxygen Carriers for Polytrauma Resuscitation (B) p. 57
> What’s New in Anticoagulation? (B) p. 56

**INFECTION**

> Controversial Issues in Infection (A,B) p. 72
> Infection Control and Prevention (A,B,E) p. 71
> Rallying the Troops to Escape Drug Resistance? (A,B) p. 67
### COMPREHENSIVE PROGRAM TOPICS

#### NEUROLOGY
- Are We Ready for Goal-Directed Therapy for the Brain? (B) p. 56
- Clinical, Translational and Outcomes Research in Neurocritical Care (B) p. 76
- Intracranial Hemorrhage (B) p. 79
- Neurological Injury in Children (A,B) - PEDIATRICS p. 80
- Use It or Lose It: Neuromuscular Weakness (B) p. 69

#### PHARMACOLOGY
- Breakfast Symposium: Delirium in the ICU: Prevention, Identification and Management (A, B) p. 61
- Daily Awakening: Evidence to Practice (A,B,E) p. 79
- Immunosedation: Awakening a Sleeping Giant (A,B) p. 74
- It is New 2U: New Pharmacological Agents (A,B) p. 64
- Last Call for Alcohol Withdrawal (A,B,D,E) p. 58
- Mixing the Agonists and Antagonists (B) p. 78
- Old Therapies with New Possibilities (B) p. 72
- Pediatric Sedation - PEDIATRICS p. 68
- Potential Roles for Statins in the ICU (B) p. 70
- Prevention Without Perfection: Shortcomings of Medication Safety Technology (A,B,E) p. 62

#### PROCEDURES
- Noninvasive Hemodynamic Monitoring in the ICU (B) p. 64

#### PROFESSIONAL DEVELOPMENT
- Year in Review: Anesthesia (B) p. 68
- Bedside to Bench and Back (B) p. 56
- Biomarkers in Clinical Research (B) p. 69
- Controversies in Clinical Trials (B) p. 63
- Pediatric Interactive Cases - PEDIATRICS p. 63
- Plenary: Sticks and Stones May Break My Bones, and Words Can Really Hurt Me (A,B,C,D,E) p. 62
- Plenary: First We Were Many, Now We Are One: A Worldwide Perspective of Critical Care Nursing (B) p. 70
- Professional Development: Advancing Nursing Practice in the ICU (B) p. 75
- Year in Review: Internal Medicine (B) p. 74
- Year in Review: Nursing (B) p. 68
- Year in Review: Pediatrics (B) p. 76
- Year in Review: Pharmacy (B) p. 66
- Year in Review: Surgery (B) p. 66

#### PULMONARY
- Acute Respiratory Distress Syndrome in the Lab (B) p. 56
- Airway and Infections (B,D,E) p. 74
- Airway: Lost and Found (B) p. 57
- Controversies in Ventilator Mode (A,B) p. 71
- Current Issues in Pediatric Acute Respiratory Distress Syndrome (B) - PEDIATRICS p. 55
- Improving Ventilator Synchrony (B) p. 69
- Noninvasive Ventilation (B) p. 66
- Pandemics, Ventilation and Rationing (B) p. 80
- Plenary: My Acute Respiratory Distress Syndrome Therapy in 2011: Moving Forward, Looking Back (B) p. 59
- Recruiting the Injured Lung (B) p. 64
- United States Critical Illness and Injury Trials Group (B) p. 80

#### RENAL
- Challenges with Children in Renal Failure (A,B) - PEDIATRICS p. 78
- Filtering Out Drug Dosing in the Renally Impaired (B) p. 64
- Issues in Acute Kidney Injury (A,B) p. 62

#### SEPSIS
- Breakfast Symposia: Emerging Advances and New Paradigms for Sepsis Management: The Critical Care Perspective for 2011 and Beyond (A, B, D) p. 61
- Cell Death in Sepsis (B) p. 58
- Molecular Sepsis (B) p. 79
- Multiple Organ Failure: An Adaptive Mechanism? (B) p. 74
- Surviving Sepsis Campaign: Improving Care for the Septic Patient (A,B,C,D,E) p. 58
- The Problem of Leak in Sepsis (A,B) p. 76
- What's New in Sepsis Treatment? (A,B,E) p. 71
- What's New in Pediatric Sepsis? (A,B) - PEDIATRICS p. 57

#### TRAUMA - SURGERY
- Emergency Preservation and Resuscitation for Cardiac Arrest from Trauma (A,B) p. 68
- Lessons Learned from the Haiti Earthquake Disaster (A,B,C,D,E) p. 79
- Management of Burns and Other Dermal Injuries (A,B) p. 67
- Managing the Open Abdomen (A,B) p. 78
- New Insights into Surgical Site Infections (A,B) p. 80

---

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
CONTINUING
EDUCATION CREDIT

OBTAINING CREDIT
To obtain your credit, please visit www.sccm.org/2011Congress. Once you have completed the online application and evaluation, you will be able to download and email yourself a copy of the certificate to print at any time. Computer stations are available near Ballroom 20 Lobby on the Upper Level. If you have questions, please email congress@sccm.org or call +1 847 827-6869.

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>Session</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Congress (Concurrent Sessions)</td>
<td>22.25</td>
</tr>
<tr>
<td>Current Concepts in Adult Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Current Concepts in Pediatric Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Fundamental Disaster Management</td>
<td>9.5</td>
</tr>
<tr>
<td>Fundamental Critical Care Support Instructor Course</td>
<td>8</td>
</tr>
<tr>
<td>Pediatric Fundamental Critical Care Support Course</td>
<td>14.75</td>
</tr>
<tr>
<td>Postgraduate Courses</td>
<td>up to 7.5</td>
</tr>
</tbody>
</table>

Physicians
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 live educational activity for a maximum of AMA 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>Session</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Congress (Concurrent Sessions)</td>
<td>22.25</td>
</tr>
<tr>
<td>Current Concepts in Adult Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Current Concepts in Pediatric Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Fundamental Disaster Management</td>
<td>9.5</td>
</tr>
<tr>
<td>Fundamental Critical Care Support Instructor Course</td>
<td>8</td>
</tr>
<tr>
<td>Pediatric Fundamental Critical Care Support Course</td>
<td>14.75</td>
</tr>
<tr>
<td>Postgraduate Courses</td>
<td>up to 7.5</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>Session</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Congress (Concurrent Sessions)</td>
<td>22.25</td>
</tr>
<tr>
<td>Current Concepts in Adult Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Current Concepts in Pediatric Critical Care</td>
<td>15</td>
</tr>
<tr>
<td>Fundamental Disaster Management</td>
<td>9.5</td>
</tr>
<tr>
<td>Fundamental Critical Care Support Instructor Course</td>
<td>8</td>
</tr>
<tr>
<td>Pediatric Fundamental Critical Care Support Course</td>
<td>14.75</td>
</tr>
<tr>
<td>Postgraduate Courses</td>
<td>up to 7.5</td>
</tr>
</tbody>
</table>

Learning Objectives
Members of the critical care team earn continuing education credit by attending sessions during the 40th Critical Care Congress.

At the conclusion of the 40th Critical Care Congress, participants should be able to:
- Apply new knowledge and strategies to optimize the care of the critically ill patient provided by the multiprofessional team
- Examine evidence-based medicine techniques to evaluate and improve patient care
- Integrate guidelines to measure performance and identify areas for further study and improvement

Type of Activity
This activity includes elements that increase knowledge, application and 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
**Pharmacists**

SCCM is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmaceutical education. Pharmacists need to complete an online Congress verification form and identify all sessions that they attended. Upon submitting the verification form to SCCM, a statement of credit can be printed by each pharmacist. The 40th Critical Care Congress will provide the following contact hours of continuing education:

<table>
<thead>
<tr>
<th>ACPE Number</th>
<th>Session</th>
<th>Title</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>0236-0000-11-01-L04-P</td>
<td>Current Concepts in Pediatric Critical Care</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-02-L04-P</td>
<td>Current Concepts in Adult Critical Care</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-03-L04-P</td>
<td>Neurological Care of the Critically Ill Patient</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-04-L04-P</td>
<td>Multiprofessional Critical Care Education: No Educator Left Behind</td>
<td>3.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-05-L04-P</td>
<td>Step by Step: Building a Process for Improvement Initiatives</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-06-L04-P</td>
<td>Answers to Controversial Pharmacotherapeutic Questions</td>
<td>3.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-07-L01-P</td>
<td>Update on Coding and Billing in 2011</td>
<td>3.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-08-L01-P</td>
<td>PLENARY SESSION - Healthcare Reform and the Future of American Medicine</td>
<td>0.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-09-L04-P</td>
<td>Issues in Rationing Critical Care</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-10-L01-P</td>
<td>Updates in ICU Telemedicine</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-11-L01-P</td>
<td>Bedside to Bench and Back</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-12-L01-P</td>
<td>Identifying Appropriate Hemodynamic Goals</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-13-L01-P</td>
<td>Issues in Disaster and Pandemic Management</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-14-L01-P</td>
<td>What’s New in Anticoagulation?</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-15-L01-P</td>
<td>Are We Ready for Goal-Directed Therapy for the Brain?</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-16-L04-P</td>
<td>What’s New in Pediatric Sepsis?</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-17-L04-P</td>
<td>New Ideas for Blood Oxygen Carriers for Poly-Trauma Resuscitation</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-18-L04-P</td>
<td>Surviving Sepsis Campaign: Improving Care for the Septic Patient</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-19-L01-P</td>
<td>Last Call for Alcohol Withdrawal</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-20-L04-P</td>
<td>Cell Death in Sepsis</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-21-L01-P</td>
<td>PLENARY SESSION – My Acute Respiratory Distress Syndrome Therapy in 2011: Moving Forward, Looking Back</td>
<td>0.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-22-L04-P</td>
<td>PLENARY SESSION – Sticks and Stones May Break My Bones, and Words Can Really Hurt Me</td>
<td>0.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-23-L04-P</td>
<td>Controversies in Clinical Trials</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-24-L01-P</td>
<td>Noninvasive Hemodynamic Monitoring in the ICU</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-25-L04-P</td>
<td>Issues in Acute Kidney Injury</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-26-L04-P</td>
<td>Determinants of Recovery from Critical Illness</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-27-L04-P</td>
<td>Prevention Without Perfection: Shortcomings of Medication Safety Technology</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-28-L01-P</td>
<td>Pediatric Interactive Cases</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-29-L01-P</td>
<td>Conflict in the ICU at the End of Life</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-30-L04-P</td>
<td>It Is New 2U: New Pharmacological Agents</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-31-L01-P</td>
<td>Filtering Out Drug Dosing in the Renally Impaired</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-32-L04-P</td>
<td>PLENARY SESSION – Living and Dying in Intensive Care</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-33-L01-P</td>
<td>Metabolics in Critical Illness</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-35-L04-P</td>
<td>Year in Review: Pharmacy</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-36-L01-P</td>
<td>Year in Review: Surgery</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-37-L04-P</td>
<td>Gastrointestinal Motility: Let’s “Gut” Moving</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-39-L01-P</td>
<td>What’s New in Cardiology: Ischemia and Infarction</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-40-L04-P</td>
<td>Rallying the Troops to Escape Drug Resistance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-41-L01-P</td>
<td>Are Intensivists Really Needed?</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-42-L04-P</td>
<td>Pediatric Nursing Issues</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-43-L04-P</td>
<td>Pediatric Sedation</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-44-L01-P</td>
<td>Management of Burns and Other Dermal Injuries</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-45-L04-P</td>
<td>Use It or Lose It: Neuromuscular Weakness</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-46-L01-P</td>
<td>Emergency Preservation and Resuscitation for Cardiac Arrest from Trauma</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-47-L04-P</td>
<td>Biomarkers in Clinical Research</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-48-L01-P</td>
<td>Year in Review: Nursing</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-49-L04-P</td>
<td>PLENARY SESSION – First We Were Many, Now We Are One: A Worldwide Perspective of Critical Care Nursing</td>
<td>0.75</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-50-L01-P</td>
<td>What’s New in Sepsis Treatment?</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-51-L04-P</td>
<td>Nutrition Buffet: What’s on the Menu?</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-52-L04-P</td>
<td>Infection Control and Prevention</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-53-L01-P</td>
<td>The Pitfalls of Prognostication</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-54-L01-P</td>
<td>New Horizons in Hemostasis</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-55-L04-P</td>
<td>Potential Roles for Statins in the ICU</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-56-L01-P</td>
<td>New Developments in Pediatric Cardiac Care</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-57-L04-P</td>
<td>Using Nurse Practitioners and Physician Assistants in the ICU</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-58-L04-P</td>
<td>Enhancing Workplace Morale</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-59-L04-P</td>
<td>Endocrine Issues in the Pediatric ICU</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0236-0000-11-60-L01-P</td>
<td>Old Therapies with New Possibilities</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Charles Andrew ADAMS Jr., MD
Brown University
Providence, Rhode Island, USA
No financial relationships
Pg. 72

Tom S. AHRENS, RN, CCRN, CS, DNS
ICU-USA
Chesterfield, Missouri, USA
Speaker: Abbott, Deltax, Edwards, USCOM
Pg. 64, 74

Hasan B. ALAM, MD
Massachusetts General Hospital
Boston, Massachusetts, USA
No financial relationships
Pg. 68

Dennis E. AMUNDSON, DO, FCCM
Scripps Mercy Hospital
San Diego, California, USA
No financial relationships
Pg. 79

Nick G. ANAS, MD
Children’s Hospital of Orange County
Orange, California, USA
No financial relationships
Pg. 51

Raj ANEJA, MD
Children’s Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA
No financial relationships
Pg. 57, 60, 63

Derek C. ANGUS, MD, MPH, FCCM
University of Pittsburgh
CRISMA Laboratory
Pittsburgh, Pennsylvania, USA
Consultant, Member: DSMB; Research Grant: Idaho Technology, Inc.; Lilly; Eisai
Pg. 61, 63

Elizabeth Daleen ARAGON-PENOVY, RN, PhD, CCRN, FCCM
Orlando Regional Medical Center
Orlando, Florida, USA
No financial relationships
Pg. 72, 73

Alfred AYALA, MS, PhD
Rhode Island Hospital/Brown University School of Medicine
Providence, Rhode Island, USA
No financial relationships
Pg. 71, 79

Amado Alejandro BAEZ, MD, MPH
Universidad Iberoamericana
Santo Domingo, Dominican Republic
No financial relationships
Pg. 79

Sean M. BAGSHAW, MD
University of Alberta Hospital
Edmonton, Alberta, Canada
Consultant: Gambo Renal Products Inc.
Pg. 62

Marie R. BALDISSERI, MD, FCCM
University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania, USA
No financial relationships
Pg. 51, 54, 57

Robert A. BALK, MD, FCCM
Rush University Medical Center
Chicago, Illinois, USA
Speaker on individual basis (not Speakers Bureau): bioMérieux; Research support and honoraria: bioMérieux, Brahms
Pg. 79

Connie BARDEN, RN, MSN, CCRN
American Association of Critical-Care Nurses
Also Viejo, California, USA
No financial relationships
Pg. 79

Philip S. BARIE, MD, MBA, FCCM
Weill Cornell Medical College
New York, New York, USA
Consultant: Eli Lilly, Merck, Pfizer; Speakers Bureau: Forest Laboratories, Ortho McNeil, Sanofi-Aventis
Pg. 80

Jeffrey BARLETTA, PharmD, FCCM
Spectrum Health
Grand Rapids, Michigan, USA
No financial relationships
Pg. 50, 67

Brian J. BARNES, PharmD
University of Kansas Medical Center
Kansas City, Kansas, USA
No financial relationships
Pg. 78

Troy E. BATTERTON, PharmD
Lakeland Regional Medical Center
Lakeland, Florida, USA
No financial relationships
Pg. 52

Richard J. BEALE, MD, MBBS
Saint Thomas’ Hospital
London, United Kingdom
No financial relationships
Pg. 55

Kyra BECKER, MD
Harborview Medical Center
Seattle, Washington, USA
No financial relationships
Pg. 79

Michael J. BELL, MD
Children’s Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA
No financial relationships
Pg. 63

Richard J. BERENS, MD
Children’s Hospital of Wisconsin
Milwaukee, Wisconsin, USA
No financial relationships
Pg. 68

Katherine V. BIAGAS, MD, FCCM
Columbia University, College of Physicians and Surgeons
New York, New York, USA
No financial relationships
Pg. 63, 80

Thomas P. BLECK, MD, FCCM
Rush Medical College
Chicago, Illinois, USA
No financial relationships
Pg. 51, 53, 75

Sandralee A. BLOSSER, MD
Penn State Milton Hershey Medical Center
Hershey, Pennsylvania, USA
No financial relationships
Pg. 65

Gregory H. BOTZ, MD, FCCM
MD Anderson Cancer Center
Houston, Texas, USA
No financial relationships
Pg. 47, 54

Walter A. BOYLE, MD, FCCM
Washington University School of Medicine
Saint Louis, Missouri, USA
No financial relationships
Pg. 71

Dana A. BRANER, MD, FCCM
Oregon Health Sciences University
Portland, Oregon, USA
No financial relationships
Pg. 49

Richard D. BRANSON, RRT, FCCM
University of Cincinnati Medical Center
Cincinnati, Ohio, USA
Consultant, Research Support: CareFusion, Covidiem, General Electric
Pg. 52, 71

Gretchen M. BROPHY, PharmD, BCPS, FCCM
Virginia Commonwealth University
Richmond, Virginia, USA
No financial relationships
Pg. 72

Daniel R. BROWN, MD, PhD, FCCM
Mayo Clinic
Rochester, Minnesota, USA
No financial relationships
Pg. 68

Louis BRUSCO Jr., MD, FCCM
Saint Luke’s-Roosevelt Hospital Center
New York, New York, USA
No financial relationships
Pg. 51, 57, 76

Timothy G. BUCHMAN, MD, PhD, FCCM
Emory University Hospital
Atlanta, Georgia, USA
No financial relationships
Pg. 71

Mitchell S. BUCKLEY, PharmD, BCPS
Banner Good Samaritan Medical Center
Phoenix, Arizona, USA
No financial relationships
Pg. 62

Michael D. BUIST, MBChB
North West Regional Hospital
Burrie, Tasmania, Australia
Stockholder and Director: Patientrack
Pg. 74, 77

Todd M. BULL, MD
University of Colorado
Denver, Colorado, USA
No financial relationships
Pg. 74

Timothy E. BUNCHMAN, MD
De Vos Children’s Hospital
Grand Rapids, Michigan, USA
Speakers Bureau: Gambro Healthcare
Pg. 78
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution, City, Country</th>
<th>Financial Relationships</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>John DAVIES, RRT</td>
<td>Duke Medical Center, Durham, NC, USA</td>
<td>No financial relationships</td>
<td>Pg. 52</td>
</tr>
<tr>
<td>R. Phillip DELLINGER, MD, FCCM</td>
<td>Cooper University Hospital, Camden, NJ, USA</td>
<td>No financial relationships</td>
<td>Pg. 58</td>
</tr>
<tr>
<td>Clifford S. DEUTSCHMAN, MD, MS, FCCM</td>
<td>University of Pennsylvania School of Medicine, Philadelphia, PA, USA</td>
<td>No financial relationships</td>
<td>Pg. 74</td>
</tr>
<tr>
<td>Michael A. DeVITA, MD</td>
<td>Pittsburgh, PA, USA</td>
<td>Royalties from the sale of an educational product used for training healthcare professionals: Laerdal Corporation and SimMedical</td>
<td>Pg. 50, 76</td>
</tr>
<tr>
<td>John W. DEVLIN, PharmD, BCPS, FCCM</td>
<td>Northeastern University School of Pharmacy, Boston, MA, USA</td>
<td>Research Support; CME presentation through France Foundation - Hospira</td>
<td>Pg. 74</td>
</tr>
<tr>
<td>Michael N. DIRINGER, MD, FCCM</td>
<td>Washington University School of Medicine, Saint Louis, MO, USA</td>
<td>No financial relationships</td>
<td>Pg. 67</td>
</tr>
<tr>
<td>Allan DOCTOR, MD</td>
<td>Washington University School of Medicine, Saint Louis, MO, USA</td>
<td>No financial relationships</td>
<td>Pg. 48</td>
</tr>
<tr>
<td>Todd DORMAN, MD, FCCM</td>
<td>Johns Hopkins University School of Medicine, Baltimore, MD, USA</td>
<td>No financial relationships</td>
<td>Pg. 71, 80</td>
</tr>
<tr>
<td>Ivoir S. DOUGLAS, MD</td>
<td>Denver Health Medical Center, Denver, CO, USA</td>
<td>No financial relationships</td>
<td>Pg. 72</td>
</tr>
<tr>
<td>David J. DRIES, MD, FCCM</td>
<td>Regions Hospital, Saint Paul, MN, USA</td>
<td>No financial relationships</td>
<td>Pg. 54</td>
</tr>
<tr>
<td>Charles G. DURBIN Jr., MD, FCCM</td>
<td>University of Virginia Health System, Charlottesville, VA, USA</td>
<td>No financial relationships</td>
<td>Pg. 66</td>
</tr>
<tr>
<td>Susan E. DUTHIE, MD</td>
<td>Rady Children’s Hospital, San Diego, CA, USA</td>
<td>No financial relationships</td>
<td>Pg. 48</td>
</tr>
<tr>
<td>Amy L. DZIERBA, PharmD, BCPS</td>
<td>New York Presbyterian Hospital, New York, NY, USA</td>
<td>No financial relationships</td>
<td>Pg. 72</td>
</tr>
<tr>
<td>E. Wesley ELY, MD, FCCM</td>
<td>Vanderbilt University Medical Center, Nashville, TN, USA</td>
<td>No financial relationships</td>
<td>Pg. 74, 76</td>
</tr>
<tr>
<td>Ezekiel EMANUEL, MD, PhD</td>
<td>National Institutes of Health Department of Bioethics, Bethesda, MD, USA</td>
<td>No financial relationships</td>
<td>Pg. 55</td>
</tr>
<tr>
<td>Brian L. ERSTAD, PharmD, BCPS</td>
<td>University of Arizona, Tucson, AZ, USA</td>
<td>No financial relationships</td>
<td>Pg. 72</td>
</tr>
<tr>
<td>Cheryl L. ESBROOK, OTR/L</td>
<td>The University of Chicago Medical Center, Chicago, IL, USA</td>
<td>No financial relationships</td>
<td>Pg. 52</td>
</tr>
<tr>
<td>Brenda G. FAHY, MD, FCCM</td>
<td>University of Kentucky, Lexington, KY, USA</td>
<td>No financial relationships</td>
<td>Pg. 54</td>
</tr>
<tr>
<td>Andre FALLOT, MD</td>
<td>Children’s Hospital and Medical Center, Seattle, WA, USA</td>
<td>No financial relationships</td>
<td>Pg. 51</td>
</tr>
<tr>
<td>Florian FALTER, MD</td>
<td>Papworth Hospital, Cambridge, UK</td>
<td>No financial relationships</td>
<td>Pg. 76</td>
</tr>
<tr>
<td>J. Christopher FARMER, MD, FCCM</td>
<td>Mayo Foundation, Rochester, MN, USA</td>
<td>No financial relationships</td>
<td>Pg. 80</td>
</tr>
<tr>
<td>Christine M. FINCK, MD</td>
<td>Connecticut Children’s Medical Center, Hartford, CT, USA</td>
<td>No financial relationships</td>
<td>Pg. 48</td>
</tr>
<tr>
<td>Mitchell P. FINK, MD, FCCM</td>
<td>University of Pittsburgh Medical Center, Pittsburgh, PA, USA</td>
<td>No financial relationships</td>
<td>Pg. 58, 67, 76</td>
</tr>
<tr>
<td>Douglas N. FISH, PharmD, BCPS</td>
<td>University of Colorado, Aurora, CO, USA</td>
<td>No financial relationships</td>
<td>Pg. 67</td>
</tr>
<tr>
<td>James D. FORTENBERRY, MD, FCCM</td>
<td>Children’s Healthcare of Atlanta, GA, USA</td>
<td>No financial relationships</td>
<td>Pg. 57</td>
</tr>
<tr>
<td>Gerard J. FULDA, MD, FCCM</td>
<td>Christiana Care Health System, Newark, DE, USA</td>
<td>No financial relationships</td>
<td>Pg. 80</td>
</tr>
<tr>
<td>Luciano GATTINONI, MD</td>
<td>Università degli studi di Milano, Milan, Italy</td>
<td>No financial relationships</td>
<td>Pg. 55, 59, 64</td>
</tr>
<tr>
<td>Avihu GAZIT, MD</td>
<td>St. Louis Children’s Hospital, Saint Louis, MO, USA</td>
<td>No financial relationships</td>
<td>Pg. 51</td>
</tr>
<tr>
<td>James A. GEILING, MD, FCCM</td>
<td>Veterans Affairs Medical Center, White River Junction, VT, USA</td>
<td>No financial relationships</td>
<td>Pg. 48, 49</td>
</tr>
<tr>
<td>Ian C. GILCHRIST, MD</td>
<td>Pennsylvania State Heart and Vascular Institute, Hershey, PA, USA</td>
<td>No financial relationships</td>
<td>Pg. 67</td>
</tr>
<tr>
<td>Timothy D. GIRARD, MD</td>
<td>Vanderbilt University, Nashville, TN, USA</td>
<td>Honoraria: Hospira Inc.</td>
<td>Pg. 61, 74, 79</td>
</tr>
<tr>
<td>Dennis C. GORE, MD, FCCM</td>
<td>University of Texas Medical Branch Hospitals, Galveston, TX, USA</td>
<td>No financial relationships</td>
<td>Pg. 67</td>
</tr>
<tr>
<td>W. Robert GRABENKORT, PA, MMSc, FCCM</td>
<td>Emory University, Atlanta, GA, USA</td>
<td>No financial relationships</td>
<td>Pg. 65</td>
</tr>
<tr>
<td>Mary Jo C. GRANT, PhD, PNP</td>
<td>Primary Children’s Medical Center, Salt Lake City, UT, USA</td>
<td>No financial relationships</td>
<td>Pg. 75</td>
</tr>
<tr>
<td>Amy GREEN, PharmD, BCPS</td>
<td>Rush University Medical Center, Chicago, IL, USA</td>
<td>No financial relationships</td>
<td>Pg. 78</td>
</tr>
<tr>
<td>Steven GREENBERG, MD</td>
<td>NorthShore University Health System, Evanston, IL, USA</td>
<td>No financial relationships</td>
<td>Pg. 48</td>
</tr>
</tbody>
</table>
### FACULTY DISCLOSURES

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Disclosures</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandra L. KANE-GILL, PharmD, MS, FCCM</td>
<td>University of Pittsburgh School of Pharmacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lewis J. KAPLAN, MD, FCCM</td>
<td>Yale University School of Medicine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jeffrey K. KASHUK, MD, FACS</td>
<td>The Milton S. Hershey Medical Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John A. KELLUM, MD, FCCM</td>
<td>University of Pittsburgh Medical Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lynn A. KELSO, MSN, ACNP, FCCM</td>
<td>University of Kentucky</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gregory E. KERR, MBA, MD, FCCM</td>
<td>New York Presbyterian Hospital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zahid P. KHAN, MBBS, FRCA, FCCM</td>
<td>City Hospital NHS Trust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lisa L. KIRKLAND, MD</td>
<td>Mayo Clinic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyree H. KISER, PharmD, BCPS</td>
<td>University of Colorado at Denver Health Sciences Center</td>
<td>No financial relationships</td>
<td>50, 62</td>
</tr>
<tr>
<td>Ruth M. KLEINPELL, RN, PhD, FCCM</td>
<td>Rush University Medical Center</td>
<td>No financial relationships</td>
<td>50, 64</td>
</tr>
<tr>
<td>Andrea M. KLINE, RN, MS, FCCM</td>
<td>Riley Hospital for Children</td>
<td>No financial relationships</td>
<td>66, 75</td>
</tr>
<tr>
<td>Patrick M. KOCHANEK, MD, FCCM</td>
<td>University of Pittsburgh Medical Center</td>
<td>No financial relationships</td>
<td>50, 65, 69</td>
</tr>
<tr>
<td>Raymond C. KOELHNER, PhD</td>
<td>Johns Hopkins Hospital</td>
<td>No financial relationships</td>
<td>57, 60, 75</td>
</tr>
<tr>
<td>Lisa KOHR, RN</td>
<td>The Children's Hospital of Philadelphia</td>
<td>No financial relationships</td>
<td>57</td>
</tr>
<tr>
<td>Marin H. KOLLEF, MD</td>
<td>Washington University School of Medicine</td>
<td>No financial relationships</td>
<td>50, 66, 71</td>
</tr>
<tr>
<td>John P. KRESS, MD</td>
<td>University of Chicago</td>
<td>No financial relationships</td>
<td>67, 71, 74</td>
</tr>
<tr>
<td>James S. KRINSLEY, MD, FCCM</td>
<td>Stamford Hospital</td>
<td>No financial relationships</td>
<td>50, 64</td>
</tr>
<tr>
<td>Zahid P. KHAN, MBBS, FRCA, FCCM</td>
<td>University of Colorado at Denver Health Sciences Center</td>
<td>No financial relationships</td>
<td>50, 66, 71</td>
</tr>
<tr>
<td>Robert MacLAREN, PharmD, BSC, FCCM</td>
<td>University of Colorado School of Medicine</td>
<td>No financial relationships</td>
<td>50, 58, 67, 74</td>
</tr>
<tr>
<td>Robert Wood Johnson Medical School</td>
<td>University of Wisconsin Hospital and Clinics</td>
<td>No financial relationships</td>
<td>47, 53, 68</td>
</tr>
<tr>
<td>Kathy MAGDIC, MSN, CRNP</td>
<td>University of Pittsburgh School of Nursing</td>
<td>No financial relationships</td>
<td>79</td>
</tr>
<tr>
<td>Dennis G. MAKI, MD</td>
<td>University of Wisconsin Hospital and Clinics</td>
<td>No financial relationships</td>
<td>79</td>
</tr>
<tr>
<td>Ainsley MALONE, RD</td>
<td>Mount Carmel West Columbus, Ohio, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No financial relationships</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pg. 61</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edward M. MANN, MD, FCCM</th>
<th>Cleveland Clinic Cleveland, Ohio, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 53, 56</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>John J. MARINI, MD</th>
<th>Regions Hospital Saint Paul, Minnesota, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 52, 71</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Greg S. MARTIN, MD, FCCM</th>
<th>Grady Memorial Hospital Atlanta, Georgia, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provided study drug to Emory University for clinical trial: Baxter Healthcare</td>
<td></td>
</tr>
<tr>
<td>Pg. 64</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Steven J. MARTIN, PharmD, BCPS, FCCM</th>
<th>University of Toledo College of Pharmacy Toledo, Ohio, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 56</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thomas R. MARTIN, MD</th>
<th>University of Washington Seattle, Washington, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 56, 60, 76</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Michael A. MATTHAY, MD</th>
<th>University of California Cardiovascular Research Institute San Francisco, California, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 56, 60, 76</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Karen McALLEN, PharmD</th>
<th>Spectrum Health Grand Rapids, Michigan, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rodrigo MEJIA, MD, FCCM</th>
<th>University of Texas MD Anderson Cancer Center Children's Cancer Hospital Houston, Texas, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 47, 53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scott MICEK, PharmD, BCPS</th>
<th>Barnes-Jewish Hospital Saint Louis, Missouri, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 67</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mark E. MIKKELSEN, MD</th>
<th>Hospital of the University of Pennsylvania Philadelphia, Pennsylvania, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 69</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>April D. MILLER, PharmD</th>
<th>South Carolina College of Pharmacy Columbia, South Carolina, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 64</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Michael P. MILLER, MD</th>
<th>Elliot Hospital Manchester, New Hampshire, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 47, 53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lisa M. MILONOVICH, RN, MSN, CCRN, PCCNP</th>
<th>Children's Medical Center of Dallas Dallas, Texas, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 75, 78</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jay M. MIRALTO, MS, RPh, BCNS</th>
<th>The Ohio State University College of Pharmacy Columbus, Ohio, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers Bureau: Baxter Healthcare</td>
<td></td>
</tr>
<tr>
<td>Pg. 61</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Paul K. MOHABIR, MD</th>
<th>Stanford University Medical Center Stanford, California, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers Bureau: Gilead</td>
<td></td>
</tr>
<tr>
<td>Pg. 57, 59</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jennifer L. MORRIS, PharmD, BCPS</th>
<th>Riley Hospital for Children at Methodist Hospital Indianapolis, Indiana, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 66</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Linda L. MORRIS, CNS, PhD, FCCM</th>
<th>Northwestern Memorial Hospital Chicago, Illinois, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 68</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Peter E. MORRIS, MD</th>
<th>Wake Forest University School of Medicine Winston-Salem, North Carolina, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 69</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lee E. MORROW, MD, MS</th>
<th>Creighton University Medical Center Omaha, Nebraska, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 71</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Marc MOSS, MD</th>
<th>University of Colorado at Denver Aurora, Colorado, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 58, 69</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cindy L. MUNRO, RN, PhD</th>
<th>Virginia Commonwealth University Richmond, Virginia, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 71, 74</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nancy L. MUNRO, RN, MSN, CCRN, ACNP</th>
<th>National Institutes of Health Clinical Center Bethesda, Maryland, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 54</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Michael J. MURRAY, MD, PhD, FCCM</th>
<th>Mayo Clinic Scottsdale, Arizona, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 72</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Raghavan MURUGAN, MD, MS, MRCP (UK)</th>
<th>University of Pittsburgh Medical Center - CRISMA Laboratory Pittsburgh, Pennsylvania, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Investigator on a Grant: Baxter, Inc.; Hold a NIH Career Development Award (KL-2): NCRR</td>
<td></td>
</tr>
<tr>
<td>Pg. 63</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mohan R. MYSORE, MD, MB, FCCM</th>
<th>Children's Hospital Omaha, Nebraska, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 47, 53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vinay M. NADKARNI, MD, FCCM</th>
<th>Children's Hospital of Philadelphia Philadelphia, Pennsylvania, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 48, 62, 75</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Andrew M. NAIDECHE, MD, MPH</th>
<th>Northwestern University Chicago, Illinois, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 53, 76, 79</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thomas A. NAKAGAWA, MD, FCCM</th>
<th>Wake Forest University School of Medicine Winston-Salem, North Carolina, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 48, 51</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lena M. NAPOLITANO, MD, FCCM</th>
<th>University of Michigan School of Medicine Ann Arbor, Michigan, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 66</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trung C. NGUYEN, MD</th>
<th>Texas Children's Hospital Houston, Texas, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 57</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Matthew F. NIEDER, MD</th>
<th>University of Michigan Ann Arbor, Michigan, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 51</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Raul G. NOGUEIRA, MD</th>
<th>Massachusetts General Hospital Boston, Massachusetts, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physician Advisory Board: Concentric Medical, Inc; Neurointervention, Inc; Coaxia, Inc; Rapid Medical, Inc; 3 Neurovascular, Inc; Concentric Medical, Inc; Neurointervention, Inc</td>
<td></td>
</tr>
<tr>
<td>Pg. 53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>James M. O'BRIEN, MD, MS</th>
<th>Ohio State University Columbus, Ohio, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 52</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Marilee Dawn OBRITSCH, PharmD</th>
<th>Hillcrest Medical Center Tulsa, Oklahoma, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No financial relationships</td>
<td></td>
</tr>
<tr>
<td>Pg. 64</td>
<td></td>
</tr>
</tbody>
</table>
FACULTY DISCLOSURES

Naomi P. O'GRADY, MD, FCCM
National Institutes of Health
Bethesda, Maryland, USA
No financial relationships Pg. 71

Juan B. OCHOA, MD
University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania, USA
No financial relationships Pg. 78

Steven M. OPAL, MD
Memorial Hospital of Rhode Island Pawtucket, Rhode Island, USA
Grant Recipient: Agennyx, AstraZeneca, AtosBio, Eisai
No financial relationships Pg. 59, 71

Phillip S. OWEN, PharmD, BCPS
Mercer University College of Pharmacy
Atlanta, Georgia, USA
No financial relationships Pg. 72, 78

Christopher PACIULLO, PharmD, BCPS
University of Kentucky Medical Center
Lexington, Kentucky, USA
No financial relationships Pg. 70

Pratik P. PANDHARIPANDE, MD, FCCM
Vanderbilt University Medical Center
Nashville, Tennessee, USA
Honorarium: Hospira Inc.
No financial relationships Pg. 55

Michele C. PAPO, MD, MPH, FCCM
Medical City Children’s Hospital
Dallas, Texas, USA
No financial relationships Pg. 47, 53

Soojin PARK, MD
University of Pennsylvania
Philadelphia, Pennsylvania, USA
Research Support: Integra Foundation; Purchased ICM plus software license for research use – CNS monitor hardware; ICM Plus software; BedMaster Excel
No financial relationships Pg. 56

Joseph E. PARRILLO, MD, FCCM
Cooper University Hospital/UMC Camden, New Jersey, USA
Data Safety Monitoring Board: Consultant, Grant Recipient: Sangart; Artisan; CytoSorbents; Eisai; NHLBI Heart Failure Network; Robert Wood Johnson Foundation; Salem Health and Wellness Foundation
No financial relationships Pg. 51, 79

Stephen M. PASTORES, MD, FCCM
Memorial Sloan-Kettering Cancer Center
New York, New York, USA
No financial relationships Pg. 48, 72

Bela PATEL, MD
University of Texas Health Science Center Houston Medical School
Houston, Texas, USA
No financial relationships Pg. 50

Gourang P. PATEL, PharmD
Rush University Medical Center
Chicago, Illinois, USA
No financial relationships Pg. 60, 76

Shibani PATI, MD
The University of Texas Health Science Center
Houston, Texas, USA
No financial relationships Pg. 48

Ronald G. PEARL, MD, PhD, FCCM
Stanford University
Stanford, California, USA
Consultant: Ikaria, Inc.
No financial relationships Pg. 74

Kristine J. PETERSON, RN
American Association of Critical-Care Nurses
Aliso Viejo, California, USA
No financial relationships Pg. 63

Michael R. PINSKY, MD, FCCM
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania, USA
Consultant: Cheetah Medical, Inc., Edwards Lifesciences, Hutchinson Industries, LIDCO Ltd.
No financial relationships Pg. 64

Kees H. POLDERMAN, MD, PhD
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania, USA
No financial relationships Pg. 74

Bruce M. POTENZA, MD
University of California San Diego Medical Center San Diego, California, USA
No financial relationships Pg. 67

Katherine E. POTTER, MD
University of Louisville Louisville, Kentucky, USA
No financial relationships Pg. 65

Meeta PRASAD, MD
Hospital of the University of Pennsylvania Philadelphia, Pennsylvania, USA
No financial relationships Pg. 79

Ellen J. PRINGLE, RRT, RPFT
University of Texas MD Anderson Cancer Center Houston, Texas, USA
No financial relationships Pg. 47, 53

Peter J. PRONOVOST, MD, PhD, FCCM
Johns Hopkins University School of Medicine Baltimore, Maryland, USA
Grant: AHRO, NP$A; Various hospital honoraria, Lehigh Bureau Honorarium, royalties from book
No financial relationships Pg. 73

Jose Javier PROVIDENCIO, MD, FCCM
Cleveland Clinic Cleveland, Ohio, USA
No financial relationships Pg. 55, 56, 78

Kathleen A. PUNGLISH, RN, DNSc
University of California San Francisco San Francisco, California, USA
No financial relationships Pg. 63

Michael W. QUASNEY, MD
Children’s Hospital of Wisconsin Division of Critical Care Milwaukee, Wisconsin, USA
No financial relationships Pg. 48

Sean Michael QUINN, MD
University of Miami Jackson Memorial Medical Center Miami, Florida, USA
No financial relationships Pg. 68

Alejandro RABINSTEIN, MD
Mayo Clinic and Foundation Rochester, Minnesota, USA
No financial relationships Pg. 76

Adrienne G. RANDOLPH, MD
Children’s Hospital Boston, Massachusetts, USA
No financial relationships Pg. 76

Mary J. REED, MD, FCCM
Gelsemger Medical Center Danville, Pennsylvania, USA
No financial relationships Pg. 54

Christina G. REHM, MD, FCCM
Oregon Health Sciences University Portland, Oregon, USA
No financial relationships Pg. 48

Peter RHEE, MD, FCCM
University of Arizona Tucson, Arizona, USA
No financial relationships Pg. 55, 70

Andrew RHODES, MD
St. George’s Hospital Epsom, United Kingdom
Lecture fees; Steering Committee Member (paid): LIDCO, Lilly
No financial relationships Pg. 58, 60, 74

Denise H. RHONEY, PharmD, FCCM
Wayne State University Detroit, Michigan, USA
No financial relationships Pg. 53

Michael H. RIES, MD
Chest Medicine Consultants, S.C. Chicago, Illinois, USA
No financial relationships Pg. 57

Richard R. RIKER, MD
Maine Medical Center Portland, Maine, USA
No financial relationships Pg. 58
Teresa A. RINCON, RN, CCRN, BSN
Sutter Health
Sacramento, California, USA
No financial relationships
Pg. 48, 66
David M. ROTHENBERG, MD, FCCM
Rush University Medical Center
Chicago, Illinois, USA
No financial relationships
Pg. 66
Kathryn E. ROBERTS, RN, MSN, CNS, CCRN
Children's Hospital of Philadelphia
Philadelphia, Pennsylvania, USA
No financial relationships
Pg. 48, 66
Sharon L. S. ROUNDS, MD
Providence VA Medical Center
Providence, Rhode Island, USA
No financial relationships
Pg. 78
Gordon D. RUBENFELD, MD
Sunnybrook Health Sciences Centre
Toronto, Ontario, Canada
No financial relationships
Pg. 63, 66
Louis A. RUBINSON, MD, PhD
U.S. Department of Health and Human Services
Seattle, Washington, USA
No financial relationships
Pg. 49, 56, 57, 80
Gordon S. SACKS, PharmD
Harrison School of Pharmacy
Auburn, Alabama, USA
No financial relationships
Pg. 71
George A. SAMPLE, MD
Washington Hospital Center
Washington, DC, USA
No financial relationships
Pg. 54
Karen SANDS, CCRN, MSN, APRN-BC
Novant Health
Winston-Salem, North Carolina, USA
No financial relationships
Pg. 61, 68
Elena SANTAYANA, PharmD, BCPS
University of Chicago Medical Center
Chicago, Illinois, USA
No financial relationships
Pg. 66
Babak SARANI, MD
Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania, USA
No financial relationships
Pg. 49, 54
Richard H. SAVEL, MD, FCCM
Montefiore Medical Center
New York, New York, USA
No financial relationships
Pg. 59
Charles L. SCHLEIEN, MD, MBA
Columbia University
College of Physicians and Surgeons
New York, New York, USA
No financial relationships
Pg. 80
Ulrich SCHMIDT, MD
Massachusetts General Hospital
Boston, Massachusetts, USA
No financial relationships
Pg. 63
Dean E. SCHRAUFNAGEL, MD
American Thoracic Society
New York, New York, USA
No financial relationships
Pg. 63
Christine S. SCHULMAN, MS, CNS, CCRN
Portland, Oregon, USA
No financial relationships
Pg. 78
William D. SCHWEICKERT, MD
University of Pennsylvania
Philadelphia, Pennsylvania, USA
No financial relationships
Pg. 52
Frank SEBAT, MD, FCCM
Kaweah Delta Health Care District
Visalia, California, USA
No financial relationships
Pg. 77
Karl L. SERRAO, MD, FCCM
Driscoll Children's Hospital
Corpus Christi, Texas, USA
No financial relationships
Pg. 47, 53
Jonathan E. SEVRANSKY, MD
The Johns Hopkins Bayview Medical Center
Baltimore, Maryland, USA
No financial relationships
Pg. 80
Aryeh SHANDER, MD, FCCM
Englewood Hospital and Medical Center
Englewood, New Jersey, USA
No financial relationships
Pg. 70
Andrew SHORR, MD
Washington Hospital Center
Washington, DC, USA
Consultant, Investigator, or Speaker: Astellas, Pfizer, J & J, Theravance, Forrest
Research Grant Recipient, Stokholder: UCB Pharma
Pg. 67
Lori A. SHUTTER, MD
University of Cincinnati College of Medicine
Cincinnati, Ohio, USA
No financial relationships
Pg. 70
Mark SIEGEL, MD
Yale University
New Haven, Connecticut, USA
No financial relationships
Pg. 70
Mervyn SINGER, MD
Wolfson Institute of Biomedical Research
University College London
London, United Kingdom
No financial relationships
Pg. 56, 74
Arthur S. SLUTSKY, MD
St. Michael's Hospital
Toronto, Ontario, Canada
No financial relationships
Pg. 56
Mary L. SOLE, CNS, FCCM
University of Central Florida
Orlando, Florida, USA
No financial relationships
Pg. 70
Lauren R. SORCE, RN, MSN, FCCM
Children's Memorial Hospital
Chicago, Illinois, USA
No financial relationships
Pg. 66, 68, 75
Dustin D. SPENCER, PharmD, BCPS
Clarian Health
Indianapolis, Indiana, USA
No financial relationships
Pg. 72
Antoinette SPEVETZ, MD, FCCM
Cooper University Hospital
Camden, New Jersey, USA
No financial relationships
Pg. 51
Philip C. SPINELLA, MD
University of Connecticut
Hartford, Connecticut, USA
No financial relationships
Pg. 49, 51
Vijay SRINIVASAN, MD
The Children's Hospital of Philadelphia
Philadelphia, Pennsylvania, USA
No financial relationships
Pg. 72
Stephen STREAT, MD
Auckland City Hospital
Auckland, New Zealand
No financial relationships
Pg. 56, 65, 80
Joseph M. SWANSON, PharmD
University of Tennessee
Memphis, Tennessee, USA
No financial relationships
Pg. 50
Daniel S. TALMOR, MD, MPH
Beth Israel Deaconess Medical Center
Boston, Massachusetts, USA
No financial relationships
Pg. 64
Beth TAYLOR, MS, RD, CNSD, FCCM
Barnes-Jewish Hospital
Saint Louis, Missouri, USA
No financial relationships
Pg. 63
Neal J. THOMAS, MD, FCCM
Penn State Children's Hospital
Hershey, Pennsylvania, USA
Consultant/Advisory Board Member: Discovery Laboratories/Lucinactant
Research Grant Recipient, Stokholder: UCB Pharma
Pg. 70
FACULTY DISCLOSURES

Zachariah THOMAS, PharmD
Hackensack University Medical Center
Hackensack, New Jersey, USA
No financial relationships Pg. 70

Ann E. THOMPSON, MD, FCCM
Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA
No financial relationships Pg. 60, 62

B. Taylor THOMPSON, MD
Massachusetts General Hospital
Boston, Massachusetts, USA
Paid Consultant: Lilly, AstraZeneca Pg. 63, 64

David A. THOMPSON, DNSc
Johns Hopkins University School of Medicine
Baltimore, Maryland, USA
No financial relationships Pg. 52

Samuel A. TISHERMAN, MD, FCCM
University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania, USA
No financial relationships Pg. 50, 66, 68

Joseph D. TOBIAS, MD
Nationwide Children's Hospital
Columbus, Ohio, USA
Consultant, Speakers Bureau and Research Grant Recipient: Hospira Pg. 68

Christine C. TOEVS, MD, FCCM
Roanoke, Virginia, USA
No financial relationships Pg. 54

Ronald G. TOMPKINS, MD
Massachusetts General Hospital
Boston, Massachusetts, USA
No financial relationships Pg. 56

Sean R. TOWNSEND, MD
California Pacific Medical Center
San Francisco, California, USA
No financial relationships Pg. 71

Robert D. TRUOG, MD, FCCM
The Children's Hospital
Boston, Massachusetts, USA
No financial relationships Pg. 70

Elizabeth TURNER, MD
Stanford University
Palo Alto, California, USA
No financial relationships Pg. 64

Charles W. VAN WAY, III, MD, FCCM
Truman Medical Center
Kansas City, Missouri, USA
Consultant - Baxter; Nestlé Pg. 61

Jeffery S. VENDER, MD, FCCM
Evanston Hospital
Evanston, Illinois, USA
No financial relationships Pg. 48, 55

Paul M. VESPA, MD, FCCM
UCLA Health Sciences Center
Los Angeles, California, USA
Grants - NIH; DOD Stockholder - Intouch Health Consultant - GE Pg. 53, 56

Jean-Louis VINCENT, MD, PhD, FCCM
Erasme University Hospital
Brussels, Belgium
Consultant, Research Grant Recipient, Speakers Bureau: Astellas, AstraZeneca, Curaçty, Edwards, Eli Lilly, Esai, Ferring, GlaxoSmithKline, Merck, Pfizer Pg. 58, 71

Kathleen M. VOLLMAN, CCNS, FCCM
Advancing Nursing
Northville, Michigan, USA
Consultant, Speakers Bureau: Hill-Rom Inc. Pg. 69

Mark WAINWRIGHT, MD, PhD
Northwestern University Feinberg School of Medicine
Chicago, Illinois, USA
No financial relationships Pg. 80

Richard J. WALL, MD, MPH
University of Washington
Seattle, Washington, USA
No financial relationships Pg. 52

Nicholas S. WARD, MD, FCCM
Rhode Island Hospital
Providence, Rhode Island, USA
No financial relationships Pg. 55, 90

Lorraine B. WARE, MD
Vanderbilt University School of Medicine
Nashville, Tennessee, USA
No financial relationships Pg. 69

Robert D. WARHURST, PharmD
Carmel, Indiana, USA
No financial relationships Pg. 64

Robert Scott WATSON, MD, MPH
University of Pittsburgh School of Medicine
Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA
No financial relationships Pg. 55

Randy S. WAX, MD, FCCM
Mount Sinai Hospital
University of Toronto
Toronto, Ontario, Canada
No financial relationships Pg. 49, 56, 79

Lisa M. WEAVIND, MD
Vanderbilt University Medical Center
Nashville, Tennessee, USA
No financial relationships Pg. 50

Adam C. WEBB, MD
Emory University
Atlanta, Georgia, USA
No financial relationships Pg. 53

Steven WEINSTEIN, MD
Weill Cornell Medical College
New York, New York, USA
No financial relationships Pg. 80

Derek S. WHEELER, MD
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, USA
No financial relationships Pg. 65

Glenn WHITMAN, MD
Johns Hopkins Hospital
Baltimore, Maryland, USA
No financial relationships Pg. 65

Brittany Ann WILLIAMS, RRT, NREMT-P
Santa Fe Community College
Gainesville, Florida, USA
No financial relationships Pg. 49, 54, 69

Ged WILLIAMS, RN, BSN, MHA, LLM
Gold Coast Health Service District
Southport, Queensland, Australia
No financial relationships Pg. 70, 72

Chris WINKELMAN, RN, PhD
Case Western Reserve University
Cleveland, Ohio, USA
Research Grant Recipient: Hill-Rom Pg. 69

Marion F. WINKLER, RD, PhD
Rhode Island Hospital
Providence, Rhode Island, USA
No financial relationships Pg. 71

Paul WISCHMEYER, MD
University of Colorado at Denver School of Medicine
Aurora, Colorado, USA
Consultant, Research Grant Recipient: Baxter; Research Grant Recipient: Fresenius Inc. Pg. 71, 78

Hector R. WONG, MD
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, USA
No financial relationships Pg. 69

Mark WURFEL, PhD
University of Washington
Seattle, Washington, USA
No financial relationships Pg. 56

Janice L. ZIMMERMAN, MD, FCCM
Methodist Hospital
Houston, Texas, USA
No financial relationships Pg. 48, 54

Jerry J. ZIMMERMAN, MD, FCCM
Children's Hospital Regional Medical Center
Seattle, Washington, USA
No financial relationships Pg. 72
FRIDAY, JANUARY 14, 2011

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

Continental Breakfast

Continental breakfast is available for all registered Pre-Congress Educational Session participants outside each room prior to the session.

8:00 A.M. - 4:30 P.M.

• PRE-CONGRESS EDUCATIONAL SESSION

Pediatric Fundamental Critical Care Support - Day 1
(See page 53 for day 2)

Moderator: Edward E. CONWAY Jr.

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/or patient transfer and prepare the practitioner for optimally accomplishing transfer

8:00 a.m. - 8:15 a.m.
> Welcome and Overview
Edward E. CONWAY Jr.

8:15 a.m. - 9:00 a.m.
> Diagnosis and Management of Respiratory Failure
Gregory H. BOTZ

9:00 a.m. - 10:15 a.m.
> Skill Station: Respiratory Evaluation and Management - Groups A and C
Edward E. CONWAY Jr., Maureen A. MADDEN, Rodrigo MEJIA, Michele C. PAPO

> Skill Station: Mechanical Ventilation I - Groups B and D
Gregory H. BOTZ, Michael P. MILLER, Mohan R. MYSORE, Ellen J. PRINGLE

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

10:30 a.m. - 11:45 a.m.
> Skill Station: Mechanical Ventilation I - Groups A and C
Gregory H. BOTZ, Michael P. MILLER, Mohan R. MYSORE, Ellen J. PRINGLE

> Skill Station: Respiratory Evaluation and Management - Groups B and D
Edward E. CONWAY Jr., Maureen A. MADDEN, Rodrigo MEJIA, Michele C. PAPO

11:45 a.m. - 12:30 p.m.
> Cardiovascular Evaluation and Management of Shock
Mohan R. MYSORE

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

1:15 p.m. - 2:15 p.m.
> Skill Station: Mechanical Ventilation II - Groups A and C
Gregory H. BOTZ, Michael P. MILLER, Mohan R. MYSORE, Ellen J. PRINGLE

> Skill Station: Cardiovascular Evaluation and Management of Shock - Groups B and D
Maureen A. MADDEN, Rodrigo MEJIA, Michele C. PAPO, Karl L. SERRAO

2:15 p.m. - 3:15 p.m.
> Skill Station: Cardiovascular Evaluation and Management of Shock - Groups A and C
Maureen A. MADDEN, Rodrigo MEJIA, Michele C. PAPO, Karl L. SERRAO

> Skill Station: Mechanical Ventilation II - Groups B and D
Gregory H. BOTZ, Michael P. MILLER, Mohan R. MYSORE, Ellen J. PRINGLE

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

3:30 p.m. - 4:15 p.m.
> Fluid and Electrolytes
Rodrigo MEJIA

4:15 p.m. - 4:30 p.m.
> Pre-Test Review; Summary of Pertinent Points - Day 1
Edward E. CONWAY Jr.

Continued ➔
SCHEDULE OF EVENTS

8:00 A.M. - 5:00 P.M.  ROOM 28

• PRE-CONGRESS EDUCATIONAL SESSION

Current Concepts in Pediatric Critical Care - Day 1
(See page 51 for day 2)
Moderator: 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 children

8:00 a.m. - 8:45 a.m.
> Effect of Obesity in Critically Ill Children
  Christine M. FINCK

8:45 a.m. - 9:30 a.m.
> Current Treatment Strategies for Traumatic Brain Injury
  Susan E. DUTHIE

9:30 a.m. - 10:15 a.m.
> Endothelial Injury and Relationship to Multi-Organ Failure
  Shibani PATI

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

10:30 a.m. - 11:15 a.m.
> Vasoregulation by Red Blood Cells
  Allan DOCTOR

11:15 a.m. - 12:00 p.m.
> Red Blood Cell Storage: Age and Outcomes
  Philip C. SPINELLA

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

1:00 p.m. - 1:45 p.m.
> Critical Care Warning Scores
  Kathryn E. ROBERTS

1:45 p.m. - 2:30 p.m.
> Extracorporeal Membrane Oxygenation
  Michael W. QUASNEY

2:30 p.m. - 3:15 p.m.
> Future Cardiopulmonary Resuscitation Concepts
  Vinay M. NADKARNI

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

3:30 p.m. - 4:15 p.m.
> Pharmacologic and Physiologic Consequences of Mild Hypothermia
  Jamie S. HUTCHISON

4:15 p.m. - 5:00 p.m.
> Sepsis Case Presentation and Roundtable Discussion
  Allan DOCTOR, Jamie S. HUTCHISON, Vinay M. NADKARNI, Thomas A. NAKAGAWA, Michael W. QUASNEY, Philip C. SPINELLA

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

• PRE-CONGRESS EDUCATIONAL SESSION

Current Concepts in Adult Critical Care - Day 1
(See page 51 for day 2)
Moderators: Eugene Y. CHENG, 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.
> How to Implement Change: A Guide for Your ICU and Life
  Jeffery S. VENDER

8:45 a.m. - 9:30 a.m.
> Putting it All Together: Interesting Case Studies
  Christina G. REHM

9:30 a.m. - 10:15 a.m.
> Perioperative Morbidity in the ICU
  Steven GREENBERG

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

10:30 a.m. - 11:15 a.m.
> Acute Abdomen: Role of Operative, Laparoscopic or Medical Management
  Daniel E. CARNEY

11:15 a.m. - 12:00 p.m.
> Therapeutic Hypothermia
  Muhammad JAFFAR

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

1:00 p.m. - 1:45 p.m.
> Critical Care Without the Unit: Lessons from Haiti and New Orleans
  James A. GEILING

1:45 p.m. - 2:30 p.m.
> Immunosuppression and Critical Illness
  Stephen M. PASTORES

2:30 p.m. - 3:15 p.m.
> Cardiovascular Stents Complicating the ICU
  Ian C. GILCHRIST

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

3:30 p.m. - 4:15 p.m.
> The Patient Took What? ICU Toxicology
  Janice L. ZIMMERMAN

4:15 p.m. - 5:00 p.m.
> The H1N1 Influenza Epidemic: What Worked, What Didn’t
  Anand KUMAR
Fundamental Disaster Management

Moderator: Randy S. WAX

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 critical care 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 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. - 8:15 a.m.
- Welcome and Overview
  Randy WAX

8:15 a.m. - 8:45 a.m.
- ICU Microcosm Within Disaster Medical Response
  James A. GEILING

8:45 a.m. - 9:15 a.m.
- Augmenting Critical Care Capacity During a Disaster
  Babak SARANI

9:15 a.m. - 9:45 a.m.
- Mass-Casualty Burn Care and Critical Care Management of Conventional Explosions
  Jeffry L. KASHUK

9:45 a.m. - 10:00 a.m.
- Break

10:00 a.m. - 10:30 a.m.
- Critical Care Response to Natural Disasters and Mass-Casualty Crush Syndrome
  Edgar JIMENEZ

Continued ➔
SCHEDULE OF EVENTS

SATURDAY, JANUARY 15, 2011

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

8:00 A.M. - 12:00 P.M. ROOM 24

- PRE-CongRESS EDUCATIONAL SESSION
- HALF-DAY COURSE

Answers to Controversial Pharmacotherapeutic Questions
Moderators: Sandra L. Kane-Gill, Robert MacLaren

LEARNING OBJECTIVES
- Appraise the data and agent(s) of choice for various therapeutic dilemmas
- Describe the most appropriate indications for double antibiotic coverage, corticosteroids, antifungal agents and factor VIIa
- Apply the appropriate therapy to patient care for various controversial situations

8:00 a.m. - 8:20 a.m.
> Which Drug for SUP?
Robert MacLaren

8:20 a.m. - 8:40 a.m.
> Which Drug for Routine Sedation?
Sandra L. Kane-Gill

8:40 a.m. - 9:00 a.m.
> Which Vasopressor for Initial Treatment of Sepsis?
Jeffrey Barletta

9:00 a.m. - 9:20 a.m.
> When to Use Steroids for Sepsis/Acute Respiratory Distress Syndrome?
Tyree H. Kiser

9:20 a.m. - 9:40 a.m.
> Which Drug for Refractory Status Epilepticus?
Karen McAllen

9:40 a.m. - 9:50 a.m.
> Questions and Answers

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

10:05 a.m. - 10:25 a.m.
> Which Antibiotic for Gram-Positive Cocci in Clusters?
Joseph M. Swanson

10:25 a.m. - 10:45 a.m.
> Which Antifungal for Suspected Fungal Infections?
Tyree H. Kiser

10:45 a.m. - 11:05 a.m.
> Which Antihypertensive?
Karen McAllen

11:05 a.m. - 11:25 a.m.
> When to Use Factor VIIa?
Jeffrey Barletta

11:25 a.m. - 11:45 a.m.
> When to Use Double Antibiotic?
Joseph M. Swanson

11:45 a.m. - 12:00 p.m.
> Questions and Answers

8:00 A.M. - 12:00 P.M. ROOM 25

- PRE-CONGRESS EDUCATIONAL SESSION
- HALF-DAY COURSE

Multidisciplinary Critical Care Education: No Educator Left Behind
Moderator: Samuel A. Tisherman

LEARNING OBJECTIVES
- Describe how to develop an educational curriculum, incorporating patient safety and quality improvement initiatives
- Identify ways to integrate teaching into multiprofessional patient care
- Describe how to organize team crisis management training
- Review methods for evaluating trainees and giving feedback
- Identify the issues involved in the transition from trainee to critical care educator

8:00 a.m. - 8:20 a.m.
> Curriculum Development
Samuel A. Tisherman

8:20 a.m. - 8:40 a.m.
> Teaching Patient Safety and Quality Improvement
Bela Patel

8:40 a.m. - 9:30 a.m.
> Group Discussion: Incorporating Teaching into Clinical Care

9:30 a.m. - 9:55 a.m.
> Team Crisis Training Using Simulation
Michael A. DeVita

9:55 a.m. - 10:10 a.m.
> Break

10:10 a.m. - 10:30 a.m.
> Performance Evaluation and Feedback
Lisa M. Weavind

10:30 a.m. - 11:20 a.m.
> Group Discussion: Giving Feedback

11:20 a.m. - 11:45 a.m.
> Transitioning from Trainee to Faculty
Lewis J. Kaplan

11:45 a.m. - 12:00 p.m.
> Summary
SCHEDULE OF EVENTS

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

- PRE-CONGRESS EDUCATIONAL SESSION

Current Concepts in Adult Critical Care - Day 2

(See page 48 for day 1)

Moderators: Eugene Y. CHENG, 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.

> Severe Congestive Heart Failure
Joseph E. PARRILLO

8:45 a.m. - 9:30 a.m.

> Ventilator Approaches for Difficult Situations
Louis BRUSCO Jr.

9:30 a.m. - 10:15 a.m.

> Transplantation: Donor and Recipient Care
Nicholas C. CAVAROCCHI

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

> Break

10:30 a.m. - 11:15 a.m.

> Predicting Neurological Outcomes with Comas
Thomas P. BLECK

11:15 a.m. - 12:00 p.m.

> Intra-Abdominal Hypertension and Compartment Syndrome
Michael L. CHEATHAM

12:00 p.m. - 1:00 p.m.

> Lunch - Exhibit Hall F

1:00 p.m. - 1:45 p.m.

> ICU Care Complicated By Pregnancy
Marie R. BALDISSERI

1:45 p.m. - 2:30 p.m.

> Sustaining Critical Care into the 21st Century: How Healthcare Reform Can Help
Lewis L. LOW

2:30 p.m. - 3:15 p.m.

> Inhalation Injuries
Samuel W. JONES

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

> Break

3:30 p.m. - 4:15 p.m.

> New Technology for Management of the Difficult Airway
Eugene Y. CHENG

4:15 p.m. - 5:00 p.m.

> Barriers to Implementing Evidence-Based Practice
Antoinette SPEVETZ

8:00 A.M. - 5:00 P.M. ROOM 28

- PRE-CONGRESS EDUCATIONAL SESSION

Current Concepts in Pediatric Critical Care - Day 2

(See page 48 for day 1)

Moderator: 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.

> Cardiopulmonary Interactions
Nick G. ANAS

8:45 a.m. - 9:30 a.m.

> Advanced Cardiac Monitoring and Cardiac Failure Management
Avihu GAZIT

9:30 a.m. - 10:15 a.m.

> Advanced Status Asthmaticus Management
Andre FALLOT

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

> Break

10:30 a.m. - 11:15 a.m.

> Hypertension
Thomas A. NAKAGAWA

11:15 a.m. - 12:00 p.m.

> Cerebrovascular Disease
Lori JORDAN

12:00 p.m. - 1:00 p.m.

> Lunch - Exhibit Hall F

1:00 p.m. - 1:45 p.m.

> Acute Respiratory Distress Syndrome Case Presentation and Roundtable Discussion
Andre FALLOT, Marc HARRISON, K. Sarah HOEHN, Thomas A. NAKAGAWA, Philip C. SPINELLA

1:45 p.m. - 2:30 p.m.

> Quality Improvement Science and Methodology
Matthew F. NIEDNER

2:30 p.m. - 3:15 p.m.

> Leading Transformational Change Through Performance Management
Marc HARRISON

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

> Break

3:30 p.m. - 4:15 p.m.

> End-of-Life Ethical Considerations in the Pediatric ICU
K. Sarah HOEHN

4:15 p.m. - 5:00 p.m.

> Ethical Considerations Related to Trust, Healthcare Disparities and Research in the Pediatric ICU
K. Sarah HOEHN
SCHEDULE OF EVENTS

8:00 A.M. - 5:00 P.M.  ROOM 29

● PRE-CONGRESS EDUCATIONAL SESSION

Mechanical Ventilation: Patient-Ventilator Asynchrony
Moderator: Robert M. KACMAREK

LEARNING OBJECTIVES
• Discuss the general causes of asynchrony during mechanical ventilation
• Describe ways of adjusting the mechanical ventilation to avoid asynchrony
• Discuss the impact of new modes of mechanical ventilation

8:00 a.m. - 8:30 a.m.
> Historical Development of Mechanical Ventilators
   Richard D. BRANSON

8:30 a.m. - 9:00 a.m.
> Non-Ventilator Issues Affecting Synchrony
   William E. HURFORD

9:00 a.m. - 9:30 a.m.
> Airway Issues Affecting Synchrony
   Ulrich SCHMIDT

9:30 a.m. - 10:00 a.m.
> Missed Triggering and Auto-Triggering
   John J. MARIN

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

10:30 a.m. - 11:00 a.m.
> Pressure-Targeted Ventilation
   Neil R. MacINTYRE

11:00 a.m. - 11:30 a.m.
> Volume-Targeted Ventilation
   Dean R. HESS

11:30 a.m. - 12:00 p.m.
> Proportional Assist Ventilation and Neurologically Adjusted Ventilatory Support
   Robert M. KACMAREK

12:00 p.m. - 12:30 p.m.
> Other Modes of Ventilation
   John DAVIES

12:30 p.m. - 1:30 p.m.
> Lunch - Exhibit Hall F

1:30 p.m. - 4:30 p.m.
> Hands-On Workshop: Noninvasive Ventilation
   Robert M. KACMAREK

> Hands-On Workshop: High Frequency Ventilation
   John DAVIES

> Hands-On Workshop: Asynchrony Volume Ventilation
   Richard D. BRANSON, Dean R. HESS

4:30 p.m. - 5:00 p.m.
> Questions and Answers

8:00 A.M. - 5:00 P.M.  ROOM 26

● PRE-CONGRESS EDUCATIONAL SESSION

Step by Step: Building a Process for Improvement Initiatives in your ICU
Moderators: Jason M. KANE, Richard J. WALL

LEARNING OBJECTIVES
• Cite the process for building a quality initiative in an ICU
• Relate the steps in implementing an ICU patient mobilization program
• Translate best practice around utilization of the central line bundles
• Articulate techniques for handing over ICU patients among shifts and providers
• Summarize strategies for sedation management in the ICU
• Describe the influences of quality on pay for performance (P4P) in an ICU

8:00 a.m. - 8:15 a.m.
> Introduction
   Jason M. KANE

8:15 a.m. - 9:00 a.m.
> Step by Step: Building a Process for Improvement Initiatives
   Richard J. WALL

9:00 a.m. - 9:45 a.m.
> Let’s Get Moving with Patient Mobilization
   William D. SCHWEICKERT

9:45 a.m. - 10:00 a.m.
> Break

10:00 a.m. - 10:45 a.m.
> The Line Is In, now What? Prevention Is the Key
   David A. THOMPSON

10:45 a.m. - 12:00 p.m.
> Workshop: Central Line
   Michael D. HOWELL, David A. THOMPSON

> Workshop: Mobilization
   William D. SCHWEICKERT, Cheryl L. ESBROOK

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

1:00 p.m. - 1:45 p.m.
> Transitioning Patients Between Care Providers: A Case Study in Best Practice
   Jason M. KANE

1:45 p.m. - 2:30 p.m.
> Sedation Strategies: A How-to-Guide to Implement Best Practice in your ICU
   Troy E. BATTERTON

2:30 p.m. - 2:45 p.m.
> Break

2:45 p.m. - 4:00 p.m.
> Workshop: Transitioning
   C. Diane BYRUM, Jason M. KANE

> Strategy Workshop: Sedation
   Troy E. BATTERTON, William D. SCHWEICKERT

4:00 p.m. - 4:40 p.m.
> The Quality Storm Is Here: Preparing for P4P in Your ICU
   James M. O’BRIEN

4:40 p.m. - 5:00 p.m.
> Questions and Answers
   Faculty Panel
### 8:00 A.M. - 5:00 P.M.  
**ROOM 31**  
**PRE-CONGRESS EDUCATIONAL SESSION**  
**Neurological Care of the Critically Ill Patient**  
**Moderator:** Jose Javier PROVENCIÓ  
**LEARNING OBJECTIVES**  
- Identify neurological syndromes in critically ill patients  
- Review special aspects of managing neurological catastrophes  
- Evaluate and manage neurological related complications of critical illness  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Introduction</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Evaluation of the Comatose Patient</td>
</tr>
<tr>
<td>8:55 a.m.</td>
<td>Airway and Breathing Issues in Neurological Patients</td>
</tr>
<tr>
<td>9:35 a.m.</td>
<td>Sedation Issues in Patients with Neurological Disease</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Acute Stroke in the Medical/Surgical Patient</td>
</tr>
<tr>
<td>11:10 a.m.</td>
<td>Unique Pharmacological Issues in the Neurologic ICU Patient</td>
</tr>
<tr>
<td>11:50 a.m.</td>
<td>Lunch - Exhibit Hall F</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Disease-Specific Treatment: Trauma</td>
</tr>
<tr>
<td>1:40 p.m.</td>
<td>Disease-Specific Treatment: Subarachnoid Hemorrhage/Intracerebral Hemorrhage</td>
</tr>
<tr>
<td>2:20 p.m.</td>
<td>Disease-Specific Treatment: Refractory Status Epilepticus</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Disease-Specific Treatment: Myasthenic Crisis and Guillain-Barré Syndrome</td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>Disease-Specific Treatment: Meningitis</td>
</tr>
<tr>
<td>3:55 p.m.</td>
<td>Questions and Answers</td>
</tr>
</tbody>
</table>

### 8:00 A.M. - 5:00 P.M.  
**ROOM 2**  
**PRE-CONGRESS EDUCATIONAL SESSION**  
**Pediatric Fundamental Critical Care Support - Day 2**  
*(See page 47 for day 1)*  
**Moderator:** Edward E. CONWAY Jr.  
**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/or patient transfer and prepare the practitioner for optimally accomplishing transfer  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Lunch - Exhibit Hall F</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Lunch - Exhibit Hall F</td>
</tr>
<tr>
<td>1:40 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Instructor Curriculum</td>
</tr>
</tbody>
</table>

---

**Additional charge to attend =**

**Ticketed session =**

All sessions will be held at the San Diego Convention Center unless otherwise noted.
**SCHEDULE OF EVENTS**

**8:00 A.M. - 5:30 P.M. ROOM 33C**

**PRE-CONGRESS EDUCATIONAL SESSION $ T**

**Fundamental Critical Care Support Instructor Course**

**Moderator: David J. DRIES**

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

8:00 a.m. - 8:15 a.m.
> Welcome and FCCS Overview
  David J. DRIES

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
  Zahid P. KHAN

9:15 a.m. - 9:45 a.m.
> Diagnosis and Management of Shock
  Kent CHOI

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
  Babak SARANI

12:00 p.m. - 12:30 p.m.
> Basic Trauma and Burn Support
  Mary J. REED

12:30 p.m. - 1:30 p.m.
> Lunch - Exhibit Hall F

1:30 p.m. - 2:00 p.m.
> Instructor Curriculum
  Gregory H. BOTZ, Janice L. ZIMMERMAN

2:00 p.m. - 4:30 p.m.
> Skill Station: Noninvasive Positive Pressure Ventilation (NPPV)
  Gregory H. BOTZ, Brittany Ann WILLIAMS

> Skill Station: Mechanical Ventilation A
  Edgar JIMENEZ, Babak SARANI

> Skill Station: Mechanical Ventilation B
  David J. DRIES, Zahid P. KHAN

> Skill Station: Trauma/Burns
  Kent CHOI, Mary J. REED

> Skill Station: Airway Skills and Vascular Access
  Marie R. BALDISSERI, Muhammad JAFFAR

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

4:30 p.m. - 5:30 p.m.
> Post-Test and Course Evaluation
  David J. DRIES

**1:00 P.M. - 5:00 P.M. ROOM 24**

**PRE-CONGRESS EDUCATIONAL SESSION $ T**

**HALF-DAY COURSE**

**Update on Coding and Billing in 2011**

**Moderators: Nancy L. MUNRO, George A. SAMPLE**

**LEARNING OBJECTIVES**
- List the three elements required for critical care billing
- Describe how to bill time and use modifiers in the postoperative period
- Describe the impact of pay for performance (P4P) and physician quality reporting initiative (PQRI) on healthcare providers
- Identify how and when to “share” billing with non-physician providers

1:00 p.m. - 1:30 p.m.
> What’s on the Horizon for P4P and PQRI?
  Brenda G. FAHY

1:30 p.m. - 2:15 p.m.
> Surgical Coding and Billing
  Christine C. TOEVS

2:15 p.m. - 2:45 p.m.
> Who Is Critically Ill and How Do I Bill?
  George A. SAMPLE

2:45 p.m. - 3:15 p.m.
> What’s Up with Consultations and Prolonged Care Services?
  George A. SAMPLE

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

3:30 p.m. - 4:00 p.m.
> How to “Share” Your Care with Non-Physician Providers
  Nancy L. MUNRO

4:00 p.m. - 4:30 p.m.
> Case Queries
  Nancy L. MUNRO, George A. SAMPLE

4:30 p.m. - 5:00 p.m.
> Questions and Answers
  Brenda G. FAHY, Nancy L. MUNRO, George A. SAMPLE, Christine C. TOEVS
SUNDAY, JANUARY 16, 2011

8:00 A.M. - 9:30 A.M. BALLROOM 20

• OPENING SESSION

Welcome
Judith JACOBI, SCCM President
Ruth M. KLEINPELL, Congress Co-Chair
Nicholas S. WARD, Congress Co-Chair

40th Anniversary Presentation

Lifetime Achievement Award Presentation
Luciano GATTINONI

2011 Presidential Address
Pamela A. LIPSETT, MD, MHPE, FCCM
Professor of Surgery, Anesthesiology, Critical Care Nursing
Johns Hopkins Medical Institutions
Baltimore, Maryland, USA

• PLENARY SESSION

Healthcare Reform and the Future of American Medicine
Ezekiel EMANUEL, MD, PhD
Head, Department of Bioethics
National Institutes of Health
Special Advisor for Health Policy to the
Director of White House Office of Management and Budget
Bethesda, Maryland, USA

LEARNING OBJECTIVE
• Discuss the impact of healthcare reform

10:30 A.M. - 11:30 A.M. ROOM 32

NON-CME BONUS SESSION

Become a Fellow of the American College of Critical Care Medicine
Moderator: M. Michele MOSS

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

10:30 A.M. - 11:30 A.M. ROOM 29

Identifying Appropriate Hemodynamic Goals
Moderator: William C. CROLEY

LEARNING OBJECTIVES
• Identify situations when pressure-based monitoring devices are most beneficial
• Discuss the advantages of using devices that gauge volume and cardiac output
• Evaluate the feasibility of using tissue perfusion devices to measure cardiovascular function

10:30 a.m. - 10:50 a.m.
Jeffery S. VENDER

10:50 a.m. - 11:10 a.m.
Richard J. BEALE

11:10 a.m. - 11:30 a.m.
J. Steven HATA

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

Current Issues in Pediatric Acute Respiratory Distress Syndrome
Moderator: Robert Scott WATSON

LEARNING OBJECTIVES
• Discuss strategies for management of pediatric acute respiratory distress syndrome (ARDS) presenting with refractory hypoxemia
• Describe weaning strategies available to the bedside clinician to minimize overall length of ventilation
• Discuss inflammation modulation by nutritional supplementation in ARDS

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

Break
# SCHEDULE OF EVENTS

## 10:30 A.M. - 11:30 A.M. | ROOM 31

### What's New in Anticoagulation?
**Moderator: Tyree H. Kiser**

**LEARNING OBJECTIVES**
- Examine the use of anticoagulants for deep vein thrombosis (DVT) prevention
- Review the interpretation and management of heparin-induced thrombocytopenia (HIT)
- List therapies for the reversal of anticoagulation

10:30 a.m. - 10:50 a.m.
- Venous Thromboembolism Prophylaxis: New Strategies
  Tyree H. KISER

10:50 a.m. - 11:10 a.m.
- Approaches to Anticoagulation for HIT in the Critically Ill: What’s Different?
  William E. DAGER

11:10 a.m. - 11:30 a.m.
- Reversal and Reinstitution of Anticoagulation
  Mark D. GIPOLLE

## 10:30 A.M. - 11:30 A.M. | ROOM 6B

### Issues in Rationing Critical Care
**Moderator: Stephen STREAT**

**LEARNING OBJECTIVES**
- Discuss current issues and controversies involving rationing of care
- Apply ethical principles to rationing decisions in everyday care and during pandemics

10:30 a.m. - 10:50 a.m.
- Defining and Identifying Rationing
  Jeremy M. KAHN

10:50 a.m. - 11:10 a.m.
- Patient Age as a Criterion for Rationing
  Douglas B. WHITE

11:10 a.m. - 11:30 a.m.
- Perceptions of Rationing: An International Perspective
  Stephen STREAT

## 10:30 A.M. - 11:30 A.M. | BALLROOM 20

### Acute Respiratory Distress Syndrome in the Lab
**Moderator: Arthur S. SLUTSKY**

**LEARNING OBJECTIVE**
- Review updates in cellular mechanisms and treatment strategies in acute respiratory distress syndrome (ARDS)

10:30 a.m. - 10:50 a.m.
- ARDS: Connecting Genotype with Phenotype
  Mark WURFEL

10:50 a.m. - 11:10 a.m.
- Therapeutic Stem Cells in ARDS
  Michael A. MATTHAY

11:10 a.m. - 11:30 a.m.
- Should the Lung Be Closed in ARDS?
  Arthur S. SLUTSKY

## 10:30 A.M. - 12:30 P.M. | ROOM 28

### Are We Ready for Goal-Directed Therapy for the Brain?
**Moderator: Jose Javier PROVENCIO**

**LEARNING OBJECTIVES**
- Describe the basic and intermediate concepts behind invasive neurological monitoring
- Review metabolic monitoring for the critically ill neurological patient
- Discuss the issues of goal-directed therapy using invasive neurological monitoring

10:30 a.m. - 11:00 a.m.
- Monitoring the Critically Ill Neurological Patient: The Basics and Beyond
  Soojin PARK

11:00 a.m. - 12:00 p.m.
- How Do We Use the Data: Therapeutic Targets Using Neuromonitoring Data
  Edward M. MANNO

12:00 p.m. - 12:30 p.m.
- Functional Imaging of Blood Flow
  William M. COPLIN

## 10:30 A.M. - 12:30 P.M. | ROOM 6A

### Issues in Disaster and Pandemic Management
**Moderator: Lewis A. RUBINSON**

**LEARNING OBJECTIVES**
- Evaluate the categories of disaster management
- Apply evidence-based triage principles during mass casualty and pandemics
- Implement strategies for ventilator distribution in disasters and pandemics

10:30 a.m. - 10:50 a.m.
- Triage Issues During an Influenza Pandemic
  Randy S. WAX

- Continued ➔

---

## 10:30 A.M. - 11:30 A.M. | ROOM 6D

### Bedside to Bench and Back
**Moderator: Mervyn SINGER**

**LEARNING OBJECTIVES**
- Examine the mechanistic underpinnings of clinical research findings
- Discuss the role of banking biological data during clinical trials
- Review the role of secondary genetic evaluation of clinical trial research

10:30 a.m. - 10:50 a.m.
- Are Animal Models of Acute Respiratory Distress Syndrome Valid?
  Thomas R. MARTIN

10:50 a.m. - 11:10 a.m.
- Wild and Wacky Cases of Metabolic Acidosis
  Mervyn SINGER

11:10 a.m. - 11:30 a.m.
- Genetic Data Mining in Clinical Trials
  Ronald G. TOMPKINS

---

## 10:30 A.M. - 11:30 A.M. | ROOM 20

### Acute Respiratory Distress Syndrome in the Lab
**Moderator: Arthur S. SLUTSKY**

**LEARNING OBJECTIVE**
- Review updates in cellular mechanisms and treatment strategies in acute respiratory distress syndrome (ARDS)

10:30 a.m. - 10:50 a.m.
- ARDS: Connecting Genotype with Phenotype
  Mark WURFEL

10:50 a.m. - 11:10 a.m.
- Therapeutic Stem Cells in ARDS
  Michael A. MATTHAY

11:10 a.m. - 11:30 a.m.
- Should the Lung Be Closed in ARDS?
  Arthur S. SLUTSKY

## 10:30 A.M. - 12:30 P.M. | ROOM 28

### Are We Ready for Goal-Directed Therapy for the Brain?
**Moderator: Jose Javier PROVENCIO**

**LEARNING OBJECTIVES**
- Describe the basic and intermediate concepts behind invasive neurological monitoring
- Review metabolic monitoring for the critically ill neurological patient
- Discuss the issues of goal-directed therapy using invasive neurological monitoring

10:30 a.m. - 11:00 a.m.
- Monitoring the Critically Ill Neurological Patient: The Basics and Beyond
  Soojin PARK

11:00 a.m. - 12:00 p.m.
- How Do We Use the Data: Therapeutic Targets Using Neuromonitoring Data
  Edward M. MANNO

12:00 p.m. - 12:30 p.m.
- Functional Imaging of Blood Flow
  William M. COPLIN

## 10:30 A.M. - 12:30 P.M. | ROOM 6A

### Issues in Disaster and Pandemic Management
**Moderator: Lewis A. RUBINSON**

**LEARNING OBJECTIVES**
- Evaluate the categories of disaster management
- Apply evidence-based triage principles during mass casualty and pandemics
- Implement strategies for ventilator distribution in disasters and pandemics

10:30 a.m. - 10:50 a.m.
- Triage Issues During an Influenza Pandemic
  Randy S. WAX

- Continued ➔
**Issues in Disaster and Pandemic Management, Continued**

10:55 a.m. - 11:15 a.m.  
- Interhospital Transfers in Pandemics  
  Theodore J. IWASHyna
11:20 a.m. - 11:40 a.m.  
- Ventilator Issues in Mass Casualties  
  David H. CHONG
11:45 a.m. - 12:05 p.m.  
- SCCM’s Disaster Response Efforts: Haiti and Beyond  
  Marie R. BALDISERI
12:10 p.m. - 12:30 p.m.  
- SCCM’s Disaster Response Efforts: How You Can Help  
  Lewis A. RUBINSON

**Updates in ICU Telemedicine**  
Moderator: Craig LILLY

**LEARNING OBJECTIVES**  
- Describe the evolution of ICU telemedicine  
- Identify the role of ICU telemedicine in patient safety and outcomes  
- Illustrate how to implement a telemedicine program

10:30 a.m. - 12:30 p.m.  
ROOM 6C

10:30 a.m. - 11:00 a.m.  
- Building a Telemedicine Program  
  Michael H. RIES
11:00 a.m. - 11:30 a.m.  
- Does Telemedicine Improve Outcomes?  
  Craig LILLY
11:30 a.m. - 12:00 p.m.  
- Using Telehealth Data for ICU Improvement  
  Teresa A. RINCON
12:00 p.m. - 12:30 p.m.  
- Results from an Agency for Healthcare Research and Quality-Sponsored Conference on Telemedicine  
  Jeremy M. KAHN

**Airway: Lost and Found**  
Moderator: Louis BRUSCO Jr.

**LEARNING OBJECTIVES**  
- Review the assessment of the airway in the critically ill patient  
- Discuss the pros and cons of urgent noninvasive versus invasive ventilation  
- Identify advances in airway equipment and technology

11:30 a.m. - 12:30 p.m.  
ROOM 29

11:30 a.m. - 11:50 a.m.  
- Airway Evaluation and Preparation for Intubation  
  Louis BRUSCO Jr.
11:50 a.m. - 12:10 p.m.  
- Urgent Airway Management with Noninvasive Versus Invasive Ventilation  
  Paul K. MOHABIR
12:10 p.m. - 12:30 p.m.  
- New Technology in Airway Management  
  Aaron M. JOFFE

**What’s New in Pediatric Sepsis?**  
Moderator: Trung C. NGUYEN

**LEARNING OBJECTIVES**  
- Review American College of Critical Care Medicine (ACCM) clinical practice parameters for hemodynamic support of pediatric and neonatal septic shock  
- Recognize that treatment of pediatric sepsis is not “one therapy treats all”  
- Review the triggers and need for extracorporeal therapy in sepsis-induced multiple organ failure

11:30 a.m. - 11:50 a.m.  
- ACCM Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock  
  Joseph A. CARCILLO
11:50 a.m. - 12:10 p.m.  
- Pediatric Sepsis: Can All Patients Be Treated in the Same Manner?  
  Raj ANEJA
12:10 p.m. - 12:30 p.m.  
- Extracorporeal Therapy in Multiple Organ System Failure  
  James D. FORTENBERRY

**New Ideas for Blood Oxygen Carriers for Poly-Trauma Resuscitation**  
Moderator: Patrick M. KOCHANEK

**LEARNING OBJECTIVES**  
- Evaluate new data on hemoglobin-based oxygen carrier (HBOC) toxicities and mitigation by inhaled nitric oxide (NO)  
- Review the neuroprotective use of HBOCs for resuscitation of traumatic brain injury plus hemorrhagic shock  
- Discuss novel HBOCs for stroke resuscitation

11:30 a.m. - 11:50 a.m.  
- Hemoglobin-Based Oxygen Carriers: The Good, the Bad and the Ugly  
  Mark D. CIPOLLE
11:50 a.m. - 12:10 p.m.  
- Neuroprotective HBOCs for Resuscitation of Traumatic Brain Injury  
  Patrick M. KOCHANEK
12:10 p.m. - 12:30 p.m.  
- Novel HBOCs for Stroke Resuscitation  
  Raymond C. KOEHLER
SCHEDULE OF EVENTS

11:30 A.M. - 12:30 P.M.  ROOM 6B

Last Call for Alcohol Withdrawal

Moderator: Robert MacLAREN

LEARNING OBJECTIVES
- Relate the impact of alcohol abuse on patient outcomes
- Examine the modes of determining the severity of alcohol withdrawal
- Compare medications for the treatment and prevention of alcohol withdrawal

11:30 a.m. - 11:50 a.m.
- Alcohol Use in ICU Patients: Why Do We Care?
  Marc MOSS
- Drug Therapy for Alcohol Withdrawal
  Richard R. RIKER
11:50 a.m. - 12:10 p.m.
- New Drugs for an Old Problem: Alpha-Antagonists, Propofol and Neuroleptics
  Pratik P. PANDHARIPANDE

11:30 A.M. - 12:30 P.M.  ROOM 6D

Surviving Sepsis Campaign: Improving Care for the Septic Patient

Moderator: Jean-Louis VINCENT

LEARNING OBJECTIVES
- Describe the new findings of the multicenter trial
- Discuss the benefits of using performance bundles to improve sepsis care
- Review data from a large multicenter study about the best vasopressors in sepsis

11:30 a.m. - 11:50 a.m.
- Do Sepsis Bundles Work?
  R. Phillip DELLINGER
- The Pitfalls of Using Bundles
  Andrew RHODES
11:50 a.m. - 12:10 p.m.
- And the Best Pressor in Sepsis Is...
  Jean-Louis VINCENT

11:30 A.M. - 12:30 P.M.  BALLROOM 20

Cell Death in Sepsis

Moderator: Craig M. COOPERSMITH

LEARNING OBJECTIVES
- Identify the mechanisms involved in cell death in sepsis
- Review the pathways involved in cellular apoptosis
- Discuss the role of autophagy in sepsis

11:30 a.m. - 11:50 a.m.
- Cellular Dysfunction -- Not Death -- Drives Organ Failure in Sepsis
  Mitchell P. FINK
11:50 a.m. - 12:10 p.m.
- Role of Apoptosis
  Craig M. COOPERSMITH
12:10 p.m. - 12:30 p.m.
- Role of Autophagy in Critical Illness
  Robert S.B. CLARK

12:30 P.M. - 1:30 P.M.  POSTER HALL/ SAILS PAVILION

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 70-99)
- Administration-1 (Posters 100-111)
- Administration-2 (Posters 112-122)
- Basic Science: Cardiovascular (Posters 123-129)
- Basic Science: Cell Biology (NO and Signal Transduction, Signal Transduction) (Poster 130)
- Basic Science: GI/Nutrition (Poster 132)
- Basic Science: Hematology (Posters 133-134)
- Basic Science: Hepatic (Poster 135)
- Basic Science: Immunology (Posters 136-137)
- Basic Science: Infection (Posters 139-141)
- Basic Science: Neurology (Posters 143-155)
- Basic Science: Pulmonary (Posters 157-166)
- Basic Science: Renal (Poster 167)
- Basic Science: Sepsis-1 (Posters 171-179)
- Basic Science: Sepsis-2 (Posters 180-190)
- Burns/Trauma-1 (Posters 191-200)
- Burns/Trauma-2 (Posters 201-210)
- Cardiovascular – Diagnostics (Posters 211-213)
- Cardiovascular – Monitoring-1 (Posters 215-223)
- Cardiovascular – Monitoring-2 (Posters 224-231)
- Cardiovascular – Therapeutics (Posters 232-241)
- Endocrine-1 (Posters 242-250)
- Endocrine-2 (Posters 251-259)
- GI/Nutrition (Posters 261-272)
- Hematology (Posters 274-284)
- Immunology (Posters 285-289)
- Infection-1 (Posters 291-298)
- Infection-2 (Posters 299-307)
- Infection-3 (Posters 308-316)
- Neurology -Diagnostics (Posters 317-323)
- Neurology – Monitoring (Posters 324-328)
- Neurology – Therapeutics (Posters 330-338)
- Pulmonary – Diagnostics (Posters 340-342)
- Pulmonary – Mechanical Ventilation-1 (Posters 343-352)
- Pulmonary – Mechanical Ventilation-2 (Posters 353-361)
- Pulmonary – Mechanical Ventilation-3 (Posters 362-370)
- Pulmonary – Therapeutics (Posters 371-382)
- Renal (Posters 383-392)
- Sepsis – Guidelines and Bundles (Posters 393-402)
- Sepsis – Nosocomial (VAP, BSI, UTI) (Posters 403-412)
- Sepsis – Diagnostics (Posters 413-421)
- Sepsis – Therapeutics (Posters 422-434)
- Sepsis – Antimicrobials (Posters 435-438)
- Sepsis – Cardiovascular (Posters 439-442)
2:00 P.M. - 2:45 P.M.  
**BALLROOM 20**

- **PLENARY SESSION**
- **LIFETIME ACHIEVEMENT AWARD WINNER**

**My Acute Respiratory Distress Syndrome Therapy in 2011: Moving Forward, Looking Back**

Luciano GATTINONI, MD  
Director, Department of Anesthesia and Intensive Care  
Università degli studi di Milano  
Milan, Italy

**LEARNING OBJECTIVE**
- Discuss treatment modalities for Acute Respiratory Distress Syndrome (ARDS)

2:45 P.M. - 3:45 P.M.  
**EXHIBIT HALL D**

**Break**

3:45 P.M. - 5:45 P.M.

**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 principal investigators

**Oral Abstract: Pulmonary**

**Moderators: Gregory E. KERR, Paul K. MOHABIR**

41: Refining the Lung Injury Prediction Model for Emergency Department Patients at Risk for Acute Lung Injury

42: The Impact of Obesity and Sleep Disordered Breathing on Postoperative Pulmonary Complications

43: Does Weekend Effect Exist for Acute Pulmonary Embolism?

44: Urinary Heavy Metals and Chronic Obstructive Pulmonary Disease (COPD): Results from National Health and Nutrition Examination Survey (1999-2006)

45: Matrix Metalloproteinase-9 Activity in RSV-Induced Respiratory Failure

46: Mechanical Effects of a Disposable Anesthetic Circle Circuit on Ventilation of a Test Lung

47: The Protective Effects of Low-Dose Hydrocortisone on Early Acute Lung Injury Resulting from Sepsis in Rat Model

48: Role of Heavy Metals in Chronic Obstructive Pulmonary Disease (COPD): Results from National Health And Nutrition Examination Survey (NHANES 1999-2006)

**Oral Abstract: Therapeutics**

**Moderators: Joseph F. DASTA, Richard H. SAVEL**

49: Effect of n-Acetylcysteine (NAC) on Acute Lung Injury and Acute Kidney Injury in Hemorrhagic Shock

50: To Bolus or Not to Bolus: A Comparison of Two Insulin Nomograms

51: Antiretroviral Therapy Administration in HIV-Infected ICU Patients Reduces All Cause ICU Mortality

52: Vasopressin Is Detectable in Continuous Veno-Venous Hemodialysis Effluent of Patients with Vasodilatory Shock Treated with Exogenous Vasopressin

53: Impact of a Mandatory Screening Protocol for Propofol Infusion Syndrome in High Risk Trauma Patients

54: A Reduction in Fasting Plasma Ghrelin Concentration Is Associated with Delayed Gastric Emptying in the Critically Ill

55: Interaction of Corticosteroids with Dopamine or Norepinephrine in Shock States

56: Comparison of Prothrombin Complex Concentrate (PCC) and Low-Dose Recombinant Factor VIIa (rFVIIa) for Warfarin Anticoagulation Reversal
SCHEDULE OF EVENTS

ROOM 6D

Oral Abstract: Epidemiology Data
Moderators: David H. CHONG, Jason D. CHRISTIE
9: Relationship Between Neighborhood Poverty Rate and Mortality in the Critically Ill
10: The ‘Weekend Effect’ for Hypertensive Emergencies: A Nationwide Study
11: Agreement Between Commonly Applied Mortality Prediction Models for Medical Intensive Care Patients in a Large Academic Medical Center Setting
12: Venous Thromboembolism (VTE) Prophylaxis in Critical Care Patients: Data from VTE START (VTE Study to Assess the Rate of Thromboprophylaxis)
13: Risk Factors Associated with the Development of Pressure Ulcers in the Critical Care Setting
14: American College of Surgeons National Surgical Quality Improvement Program Underestimates the Risk Associated with Mild and Moderate Postoperative AKI
16: Missing Data in Large ICU Databases

ROOM 28

Oral Abstract: Potpourri
Moderators: Gourang P. PATEL, Andrew RHODES
33: Association of Low Serum 25-Hydroxyvitamin D Levels and Mortality in the Critically Ill
34: Impact of Vitamin D Deficiency on Outcome in Critically Ill Patients
35: Seek and You Will Find: Improving Detection of Delirium in the ICU
36: Microtubule-Associated Protein-2: A New Sensitive and Specific Marker for Traumatic Brain Injury
37: Rivastigmine Does Not Decrease Duration of Delirium and May Increase Mortality in Critically Ill Patients: A Multicentre, Double-Blind, Randomized, Placebo-Controlled Add-On Trial
38: Erythropoietin Ameliorates Mitochondrial Injury During Resuscitation from VF Evidenced by Less Post-Resuscitation Myocardial Dysfunction and Lower Plasma Cytochrome C Levels
39: Impact of Using a Validated Delirium Screening Tool, with or Without a Pharmacist and Nurse-Led Delirium Education Program, on the Ability of Nurses to Recognize Delirium in a Surgical-Trauma ICU
40: Attitudes and Perceptions of Anesthesiology and Surgical Residents Towards Critical Care Medicine Training

ROOM 29

Oral Abstract: Basic Science
Moderators: Jean-Daniel CHICHE, Judith HELMAN
1: Detection of Acute Myocardial Infarction Using a Real-Time Cardiac Electrical Biomarker
2: MP4OX Improves Oxygen Consumption and Survival in a Rat Model of Extreme Hemodilution
3: A Polymorphism Within the Glutathione Biosynthesis Pathway Is Associated with Increased Oxidant Stress in Infants After Undergoing Cardiopulmonary Bypass

ROOM 30

Oral Abstract Session - Basic Science, Continued
4: Changes in Substrate Utilization in Rat Hearts Following Hemorrhage and Resuscitation With Ketone Solution
5: Isoflurane Induces Sphingosine Kinase-1 and Protects Against Human Endothelial Cell Apoptosis
6: L-Glutamine’s Protective Mechanism Via the Integrin/Src Pathway Is Dependent on Cell Swelling, O-Glycosylation, Hsf-1, and Hsp Expression
7: Age Dependent Differential Expression of Adeno Associated Virus Serotype 9 Encoded Green Fluorescent Protein in Rats
8: Glutamine’s Mechanism of Cellular Protection and Heat Shock Protein 25, 32 and 70 Enhancement Is Dependent on the Hexosamine Biosynthetic Pathway in Heat Stressed Intestinal Epithelial Cells

ROOM 31

Oral Abstract: Pediatric Epidemiology
Moderators: Ira M. CHEIFETZ, Patrick M. KOCHANEK
17: An Intensivist-Directed Multidisciplinary Pediatric Cardiac Critical Care Team Model Is Associated with Improved Outcomes Following Pediatric Cardiac Surgery
18: Dysautonomia After Pediatric Brain Injury in a Rehabilitation Setting
19: Extremes of Weight Centile are Associated with Increased Risk of Mortality in Pediatric Intensive Care Patients
20: Organ Dysfunction and Plasma Exchange (PEX) in Children with Thrombocytopenia-Associated Multiple Organ Failure (TAMOF): The Prospective Children’s TAMOF Network Study
21: Myelin Basic Protein Level Increases in the Cerebrospinal Fluid of Children and Infants Following Traumatic Brain Injury: The Effect of Therapeutic Hypothermia
22: ICU Use and Mortality are Higher Among Children with Acute CNS Disorders Than Children with Other Acute Disorders
23: Incidence, Risk Factors, and Outcomes of Acute Kidney Injury After Pediatric Cardiac Surgery – A Prospective Multicenter Study
24: Factors Associated with Respiratory Failure and Mortality Among Children Hospitalized with Seasonal Influenza and Pandemic 2009 H1N1
Monday, January 17, 2011

6:30 a.m. - 8:00 a.m. Room 6A

**BREAKFAST SYMPOSIUM**

**Nutrition in the ICU: Early Goal-Directed Therapy Is Key**

Supported by an educational grant from Baxter

**Moderator: Ainsley MALONE**

**LEARNING OBJECTIVES**
- Identify the role of goal-directed nutrition support therapy in improving patient outcomes in the ICU
- Differentiate among starvation-related, chronic-disease related, and inflammation-related malnutrition
- Examine methods for determining energy requirements in critically ill patients
- Review safe practices guidelines for parenteral nutrition prescription and delivery

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

> Diagnosing Malnutrition and Nutrition Risk in the Critical Care Setting
  Charles W. VAN WAY, III

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

> Target Goals for Energy and Protein in Critically Ill Patients
  Ainsley MALONE

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

> Practical Aspects of Goal-Directed Parenteral Nutrition Therapy: Safe Prescription and Delivery
  Jay M. MIRTALLO

6:30 a.m. - 8:00 a.m. Room 6B

**BREAKFAST SYMPOSIUM**

**Nutrition in the ICU: Early Goal-Directed Therapy Is Key**

Supported by an educational grant from Hospira

**Moderator: Timothy D. GIRARD**

**LEARNING OBJECTIVES**
- Review strategies for the prevention and management of delirium in the ICU patient
- Discuss the benefits of pharmacologic interventions in the prevention and management of delirium in the ICU patient
- Identify the role of non-pharmacologic strategies for the prevention of delirium in the ICU

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

> Prevention and Management: Lessons Learned from Clinical Practice and Evidence-Based Updates
  Timothy D. GIRARD

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

> Current and Future Pharmacologic Strategies to Prevent and Manage Delirium
  Joseph F. DASTA

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

> Non-Pharmacologic Prevention Strategies and Sedation Interruption as Measures to Prevent Delirium
  Karen SANDS

6:30 a.m. - 8:00 a.m. Room 6C

**BREAKFAST SYMPOSIUM**

**Emerging Advances and New Paradigms for Sepsis Management: The Critical Care Perspective for 2011 and Beyond**

Supported by an educational grant from Eisai Inc.

**Moderator: Derek C. ANGUS**

**LEARNING OBJECTIVES**
- Examine the pathophysiology of sepsis
- Document the potential pathophysiological and clinical roles of modulating TLR-derived signals in order to mitigate adverse effects of immune responses observed in septic shock syndrome
- Discuss emerging research and strategies for improving patient care and clinical outcomes for sepsis shock syndrome

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

> The Immuno-Pathophysiology of the Sepsis Disease State
  Steven M. OPAL

7:00 a.m. - 7:25 a.m.

> Toll-Like Receptors (TLR): Role of the TLR-Mediated Signaling System
  John C. MARSHALL

7:25 a.m. - 7:50 a.m.

> Clinical Trials in Sepsis: Recent Studies and Advances
  Derek C. ANGUS

7:50 a.m. - 8:00 a.m.

> Question and Answer
Monday, January 17

**SCHEDULE OF EVENTS**

---

**8:15 A.M. - 9:00 A.M.** **BALLROOM 20**

- **PLENARY SESSION**
- **WILLIAM SHOEMAKER HONORARY LECTURE**

**Sticks and Stones May Break My Bones, and Words Can Really Hurt Me**

**Ann E. THOMPSON, MD, FCCM**
Medical Director, Clinical Resource Management
Pediatric Critical Care Medicine
Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania, USA

**LEARNING OBJECTIVES**
- Describe the impact of poor communication on patients and families
- Apply concrete techniques to improve communication and decision-making in the ICU
- Identify specific interventions to improve communication and decision-making among patients, families, nurses, and physicians

---

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

**Break**

---

**9:00 A.M. - 11:00 A.M.** **ROOM 33C**

**NON-CME BONUS SESSION**

**Advice on transitioning to the first job after fellowship**

**Moderator: Krzysztof LAUDANSKI, Vinay NADKARNI**

**LEARNING OBJECTIVE**
- Discuss key issues encountered during the transition period from fellowship to attending position

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

> Panel Discussion - Job Interviews: What to Say and What to Ask
  - Panelists: Timothy S. YEH
  - Robert A. BERG
  - Barry P. MARKOVITZ

> Mock Job Interview:
  - Utpal BHALALAla
  - Krzysztof LAUDANSKI
  - Vinay NADKARNI

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

> Work-Life Balance
  - J. Perren COBB
  - Ann E. THOMPSON

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

> Transferring into Practice
  - Jim PAPPAS

10:30 a.m. - 11:00 a.m.

> Question and Answer Session

---

**10:00 A.M. - 11:00 A.M.** **ROOM 6D**

**Issues in Acute Kidney Injury**

**Moderator: Howard L. CORWIN**

**LEARNING OBJECTIVES**
- Describe best practices in renal replacement therapy (RRT)
- Discuss management strategies for acute renal failure

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

> RRT: Issues in Dose, Duration and Timing
  - Howard L. CORWIN

10:30 a.m. - 11:00 a.m.

> Prevention of Acute Renal Failure
  - Sean M. BAGSHAW

---

**10:00 A.M. - 11:00 A.M.** **ROOM 31**

**Prevention Without Perfection: Shortcomings of Medication Safety Technology**

**Moderator: Mitchell S. BUCKLEY**

**LEARNING OBJECTIVES**
- Discuss computerized physician order entry and clinical decision support limitations
- Describe technology-related medication errors with bar-code medication administration and methods for prevention
- Discuss issues with intravenous infusion pump synchronization

10:00 a.m. - 10:20 a.m.

> Computerized Physician Order Entry and Clinical Decision Support: Knowing the Limits
  - Sandra L. KANE-GILL

10:20 a.m. - 10:40 a.m.

> Preventing Errors from our Prevention Technologies
  - Henry COHEN

10:40 a.m. - 11:00 a.m.

> Getting on the Same Page: Intravenous Smart Pumps
  - Katherine E. BURENHEIDE
**SCHEDULE OF EVENTS**

**Additional charge to attend = $**

**Ticketed session = T**

All sessions will be held at the San Diego Convention Center unless otherwise noted.

---

### 10:00 A.M. - 12:00 P.M. ROOM 28

**Conflict in the ICU at the End of Life**

**Moderator: Beth TAYLOR**

**LEARNING OBJECTIVES**
- Describe important conflicts that arise in modern end-of-life care in the ICU
- Identify conflicts between providers, patients and families
- Apply strategies to manage conflicts that improve patient, family and provider satisfaction

- **10:00 a.m. - 10:25 a.m.**
  - Understanding the Value and Challenge of Conflict at the End-of-Life
    - Mitchell M. LEVY

- **10:30 a.m. - 10:55 a.m.**
  - To Feed or Not to Feed at the End of Life?
    - Beth TAYLOR

- **11:00 a.m. - 11:25 a.m.**
  - Managing Conflicts Within the Family and ICU Team
    - Kathleen A. PUNTILLO

- **11:30 a.m. - 11:55 a.m.**
  - Conflict about Noninvasive Ventilation as Part of Palliative Care
    - J. Randall CURTIS

---

### 10:00 A.M. - 12:00 P.M. ROOM 29

**The Critical Care Societies Collaborative: SCCM, ATS, ACCP, AACN**

**Moderator: Judith JACOBI**

**LEARNING OBJECTIVES**
- Compare ACGME duty-hour limitations and their purpose versus impact on education and patient care
- Discuss the impact of duty-hour restrictions on physician staffing
- Compare potential solutions to workforce limitations

- **10:00 a.m. - 10:30 a.m.**
  - The Impact of New Duty-Hour Restrictions on Medical Resident Education
    - David GUTTERMAN

- **10:30 a.m. - 11:00 a.m.**
  - The Impact of Fatigue on Performance
    - Kristine J. PETERSON

- **11:00 a.m. - 11:30 a.m.**
  - Procedure Training Impact of New Techniques
    - Dean E. SCHRAUFNAGEL

- **11:30 a.m. - 12:00 p.m.**
  - Critical Care Staffing Models with Diminishing Resident Involvement
    - Judith JACOBI

---

### 10:00 A.M. - 12:00 P.M. ROOM 30

**Pediatric Interactive Cases**

**Moderators: Raj ANEJA, Katherine V. BIAGAS**

**LEARNING OBJECTIVES**
- Discuss common pediatric ICU cases in a didactic session
- Compare your medical management against that of a group of your peers

- **10:00 a.m. - 11:00 a.m.**
  - 16-Year-Old with Multiple Organ System Failure
    - Leticia C. CASTILLO, Derek S. WHEELER

- **11:00 a.m. - 12:00 p.m.**
  - 12-Year-Old Fell While Playing Hockey
    - Michael J. BELL

---

### 10:00 A.M. - 12:00 P.M. ROOM 6A

**Determinants of Recovery from Critical Illness**

**Moderator: John A. KELLUM**

**LEARNING OBJECTIVES**
- Illustrate the complexity of recovery from critical illness
- Review the complex biology of recovery from a critical illness
- Evaluate the role of biomarkers and complex modeling in predicting organ recovery

- **10:00 a.m. - 10:25 a.m.**
  - Role of Biomarkers in Predicting Recovery from Acute Kidney Injury
    - John A. KELLUM

- **10:30 a.m. - 10:55 a.m.**
  - Recovery from Acute Lung Injury
    - Michael A. MATTHAY

- **11:00 a.m. - 11:25 a.m.**
  - Modeling Recovery from Critical Illness
    - Raghavan MURUGAN

- **11:30 a.m. - 12:00 p.m.**
  - Functional Recovery from Critical Illness
    - John P. KRESS

---

### 10:00 A.M. - 12:00 P.M. ROOM 6B

**Controversies in Clinical Trials**

**Moderator: Derek C. ANGUS**

**LEARNING OBJECTIVES**
- Illustrate challenges of human trials
- Discuss controversies in evidence-based medicine

- **10:00 a.m. - 10:30 a.m.**
  - Glycemic Control Trials
    - Douglas B. COURSIN

- **10:30 a.m. - 11:00 a.m.**
  - What Is New with Evidence-Based Medicine?
    - Gordon D. RUBENFELD

- **11:00 a.m. - 11:30 a.m.**
  - Problems with Sepsis Trials
    - Derek C. ANGUS

- **11:30 a.m. - 12:00 p.m.**
  - Problems with Acute Respiratory Distress Syndrome Trials
    - B. Taylor THOMPSON
**10:00 A.M. - 12:00 P.M. ROOM 6C**

**Noninvasive Hemodynamic Monitoring in the ICU**

**Moderator: Michael R. PINSKY**

**LEARNING OBJECTIVES**
- Review the various monitoring and assessment modalities in the ICU
- Assess the use of noninvasive monitoring indices
- Discuss directions for noninvasive monitoring and evaluation

10:00 a.m. - 10:30 a.m.
- Measurements of Extravascular Lung Water
  Greg MARTIN

10:30 a.m. - 11:00 a.m.
- Critical Care Ultrasound: More Than Just Line Placement
  Elizabeth TURNER

11:00 a.m. - 11:30 a.m.
- Combined Functional Indices of Perfusion
  Michael R. PINSKY

11:30 a.m. - 12:00 p.m.
- Current Methods to Assess Stroke Volume
  Tom S. AHRENS

---

**11:00 A.M. - 12:00 P.M. ROOM 31**

**It Is New 2U: New Pharmacological Agents**

**Moderator: Joseph F. DASTA**

**LEARNING OBJECTIVES**
- Review the role of new sedatives and analgesics
- Discuss the role of the new antibacterial and antifungal agents for treating infections
- Review the evolving therapies to reduce perioperative bleeding
- Discuss the role of partial prothrombin complex and the evidence to support its use

11:00 a.m. - 11:20 a.m.
- Ouch! Pain Therapy Just Got More Complex
  Joseph F. DASTA

11:20 a.m. - 11:40 a.m.
- More Bugs, More Drugs
  April D. MILLER

11:40 a.m. - 12:00 p.m.
- Stop the Bleed!
  Robert D. WARHURST

---

**10:00 A.M. - 12:00 P.M. BALLROOM 20**

**Recruiting the Injured Lung**

**Moderator: Robert M. KACMAREK**

**LEARNING OBJECTIVES**
- Discuss various strategies for lung recruitment
- Assess the risk and benefits of each strategy
- Review the literature that supports improved outcomes

10:00 a.m. - 10:20 a.m.
- Maneuvers: The Role of Tidal Volume
  B. Taylor THOMPSON

10:20 a.m. - 10:40 a.m.
- Use and Abuse of Recruitment
  Robert M. KACMAREK

10:40 a.m. - 11:00 a.m.
- Is There a Role for Proning in 2011?
  Luciano GATTINONI

11:00 a.m. - 11:20 a.m.
- Use and Abuse of Positive End-Expansory Pressure
  Daniel S. TALMOR

11:20 a.m. - 12:00 p.m.
- Role of Fluid Balance
  Greg S. MARTIN

**11:00 A.M. - 12:00 P.M. ROOM 6D**

**Filtering Out Drug Dosing in the Renally Impaired**

**Moderator: William E. DAGER**

**LEARNING OBJECTIVES**
- Describe pharmacotherapeutic concepts for drug dosing in patients with severe renal impairment
- Assess how to make difficult dosing decisions in patients receiving continuous renal replacement therapy

11:00 a.m. - 11:20 a.m.
- General Dosing Concepts for Consideration
  William E. DAGER

11:20 a.m. - 11:40 a.m.
- Decision Making in Dialysis
  Tyrone H. KISER

11:40 a.m. - 12:00 p.m.
- Decision Making in Severe Renal Insufficiency
  Marilee Dawn OBRITSCH
12:00 P.M. - 1:00 P.M. POSTER HALL/SAILS PAVILION

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.

- CPR/Resuscitation-1 (Posters 443-453)
- CPR/Resuscitation-2 (Posters 454-463)
- CPR/Resuscitation-3 (Posters 464-473)
- CPR/Resuscitation-4 (Posters 474-485)
- Education-1 (Posters 486-494)
- Education-2 (Posters 495-503)
- Education-3 (Posters 504-512)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-1 (Posters 518-523)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-2 (Posters 524-533)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-3 (Posters 534-545)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-4 (Posters 546-555)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-5 (Posters 556-565)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-6 (Posters 566-574)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-7 (Posters 576-585)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-8 (Posters 586-595)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-9 (Posters 596-605)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-10 (Posters 606-615)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-11 (Posters 617-626)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-12 (Posters 627-636)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-13 (Posters 637-646)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-14 (Posters 647-656)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-15 (Posters 657-666)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-16 (Posters 667-676)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-17 (Posters 677-687)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-18 (Posters 688-698)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-19 (Posters 699-708)
- Epidemiology/Outcomes (Predictors, Quality of Life, Safety)-20 (Posters 709-719)

12:00 P.M. - 1:20 P.M. ROOM 32

FELLOWSHIP DIRECTORS’ LUNCHEON

NEW PANEL DISCUSSION FORMAT

Procedural Competency Credentialing

Moderator: Lewis J. KAPLAN

LEARNING OBJECTIVES

- Identify strategies to overcome issues related to procedural competency assessment, education and credentialing
- Discuss concerns impacting hospital administration with regard to procedural competency credentialing
- Relate the safety officer’s perspective with regards to the impact the procedural competency credentialing will have on the welfare of the physician and patient

Panel Discussion: Multiprofessional Issues in Procedural Competency Assessment, Education and Credentialing

- Surgery – Lena M. NAPOLITANO
- Anesthesia – Sandralea A. BLOSSER
- Internal Medicine – John A. KELLUM
- Pediatrics – Katherine E. POTTER
- Non-Physician Providers – W. Robert GRABENKORT
- Cardiothoracic Surgery – Glenn WHITMAN
- Emergency Medicine – Kyle GUNNerson

Krzysztof LAUDANSKI will present information related to the revitalized SCCM In-Training section for fellows.

1:30 P.M. - 2:15 P.M. BALLROOM 20

PLENARY SESSION

AKE GRENVIK HONORARY LECTURE

Living and Dying in Intensive Care

Stephen STREAT, MD

Intensivist
Clinical Associate Professor in the Division of Surgery
Auckland City Hospital
Auckland, New Zealand

LEARNING OBJECTIVES

- Discuss patient selection for intensive care and the roles and responsibilities for shared decision making of ICU practitioners, patients and family members
- Identify the role of limited contracts for intensive therapy
- Review strategies for providing comfort care throughout an ICU stay, including at the end of life

2:15 P.M. – 3:15 P.M. EXHIBIT HALL D

Break
## Schedule of Events

### ROOM 29

**3:15 P.M. - 4:15 P.M.**

#### What’s New in Cardiology: Ischemia and Infarction

**Moderator:** Steven M. HOLLENBERG  
**LEARNING OBJECTIVES**
- Apply the latest guidelines for acute coronary syndrome (ACS) management  
- Examine the newest procedures and devices for detection and management of ischemia and infarction  
- Evaluate the effectiveness of pharmacologic therapies in the management of acute coronary syndromes

- **3:15 p.m. - 3:35 p.m.**
  - Management of Myocardial Ischemia and Infarction: The Most Recent Guidelines  
  - Steven M. HOLLENBERG

- **3:35 p.m. - 3:55 p.m.**
  - New Ways to Evaluate Ischemia and Viability  
  - David V. DANIELS

- **3:55 p.m. - 4:15 p.m.**
  - Pharmacotherapy during ACS Management  
  - James M. HOLLANDS

### ROOM 30

**3:15 P.M. - 4:15 P.M.**

#### Pediatric Nursing Issues

**Moderator:** Andrea M. KLINE  
**LEARNING OBJECTIVES**
- Identify strategies for successful implementation of protocols in the pediatric ICU  
- Describe clinical and diagnostic findings for children with seizures in the pediatric ICU  
- Discuss methods for improving nursing care through use of simulation

- **3:15 p.m. - 3:35 p.m.**
  - Engaging the Bedside Nurse with Implementation of Protocols: Ventilator-Associated Pneumonia and Bloodstream Infections  
  - Lauren R. SORCE

- **3:35 p.m. - 3:55 p.m.**
  - Neuromonitoring in the Critically Ill Child: What’s Going on?  
  - Michele GRIMASON

- **3:55 p.m. - 4:15 p.m.**
  - Fake Code: Using Simulation to Teach Pediatric ICU Nurses  
  - Kathryn E. ROBERTS

### ROOM 31

**3:15 P.M. - 4:15 P.M.**

#### Are Intensivists Really Needed?

**Moderator:** Charles G. DURBIN Jr.  
**LEARNING OBJECTIVES**
- Discuss the evidence supporting the role of the intensivist  
- Debate the necessity of intensivist care in the ICU

- **3:15 p.m. - 3:45 p.m.**
  - Pro: Intensivists Are Necessary  
  - Gordon D. RUBENFELD

- **3:45 p.m. - 4:15 p.m.**
  - Con: Intensivists Are Necessary  
  - Mitchell M. LEVY

### ROOM 6A

**3:15 P.M. - 4:15 P.M.**

#### Year in Review: Pharmacy

**Moderator:** Stephanie Mallow CORBETT  
**LEARNING OBJECTIVES**
- Review recent literature related to pediatric critical care  
- Evaluate relevant neurology studies using an evidence-based approach  
- Discuss current data associated with critical care emergencies

- **3:15 p.m. - 3:35 p.m.**
  - Neurology  
  - Elena SANTAYANA

- **3:35 p.m. - 3:55 p.m.**
  - Critical Care Emergencies  
  - Tami N. JOHNSON

- **3:55 p.m. - 4:15 p.m.**
  - Pediatrics  
  - Jennifer L. MORRIS

### ROOM 6B

**3:15 P.M. - 4:15 P.M.**

#### Year in Review: Surgery

**Moderator:** Craig M. COOPERSMITH  
**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. - 3:45 p.m.**
  - Literature Reviews  
  - Samuel A. TISHERMAN

- **3:45 p.m. - 4:15 p.m.**
  - Literature Reviews  
  - Douglas F. NAYLOR Jr.

### ROOM 6C

**3:15 P.M. - 4:15 P.M.**

#### Noninvasive Ventilation

**Moderator:** Nicholas S. HILL  
**LEARNING OBJECTIVES**
- Identify new methods of noninvasive ventilation (NIV)  
- Define non-traditional uses of NIV  
- Review the use of NIV in liberating patients from the ventilator

- **3:15 p.m. - 3:35 p.m.**
  - NIV in Your Face: New Technologies and Techniques  
  - Robert M. KACMAREK

- **3:35 p.m. - 3:55 p.m.**
  - NIV Living on the Edge: Non-Traditional Uses of NIV  
  - Nicholas S. HILL

- **3:55 p.m. - 4:15 p.m.**
  - NIV Post-Extubation: Preventing or Postponing the Tube?  
  - David M. ROTHENBERG

---

All sessions will be held at the San Diego Convention Center unless otherwise noted.
Gastrointestinal Motility: Let’s “Gut” Moving
Moderator: Robert MacLaren

LEARNING OBJECTIVES
- Evaluate the pathophysiologic mechanisms of gastrointestinal disturbances
- Assess the benefits of prokinetic agents versus post-pyloric feedings
- Describe the multimodal approach to managing ileus

3:15 p.m. - 3:35 p.m.
Pathophysiology of Gastrointestinal Disturbances
Lena M. Napolitano

3:35 p.m. - 3:55 p.m.
Management Strategies of Gastric Motility Dysfunction
Robert MacLaren

3:55 p.m. - 4:15 p.m.
Multimodal Management Strategies for Ileus
Jeffrey Barletta

Metabolics in Critical Illness
Moderator: Michael N. Diringer

LEARNING OBJECTIVES
- Relate cellular metabolism as it applies to critical illness
- Describe the role of mitochondria in the pathophysiology of organ dysfunction
- Review studies that target metabolic mediators

3:15 p.m. - 3:35 p.m.
Mitochondrial Dysfunction in Traumatic Brain Injury
Michael N. Diringer

3:35 p.m. - 3:55 p.m.
Mitochondrial Dysfunction in Multiple Organ Dysfunction Syndrome
Mervyn Singer

3:55 p.m. - 4:15 p.m.
Therapies to Improve Barrier Function
Mitchell P. Fink

Rallying the Troops to Escape Drug Resistance?
Moderator: Scott Micek

LEARNING OBJECTIVES
- Discuss the challenges in current antimicrobial development
- Discuss resistance in Gram-positive and Gram-negative bacteria
- Review appropriate antimicrobial dosing and use

3:15 p.m. - 3:35 p.m.
Challenges in Current Antimicrobial Pharmacology
Douglas N. Fish

3:40 p.m. - 4:00 p.m.
Emerging Gram-Positive Coccal Resistance
Marin H. Kollef

4:05 p.m. - 4:25 p.m.
Polymicrobial Resistance in Gram-Negative Organisms
Dennis G. Maki

4:30 p.m. - 4:50 p.m.
Resistance and Pandemic Clostridium difficile
Andrew Shorr

4:55 p.m. - 5:15 p.m.
Optimizing Drug Dosing in Resistance
Scott Micek

Management of Burns and Other Dermal Injuries
Moderator: Bruce M. Potenza

LEARNING OBJECTIVES
- Review the fundamentals of ICU burn care
- Discuss ventilator strategies to manage inhalation injury
- Review nutritional strategies in the management of burn patients
- Review what’s new in burn wound management
- Review the care of toxic epidermal necrolysis as well as chemical and cold injuries

4:15 p.m. - 4:35 p.m.
What’s New in Resuscitation and ICU Management of Patients with Dermal Injury?
Bruce M. Potenza

4:35 p.m. - 4:55 p.m.
Update in the Management of Inhalation Injury
Daniel D. Lozano

4:55 p.m. - 5:15 p.m.
What’s New in Management of Burn Wounds?
Dennis C. Gore
4:15 P.M. - 5:15 P.M. ROOM 30

Pediatric Sedation
Moderator: Lauren R. SORCE

LEARNING OBJECTIVES
- Discuss therapeutic options in sedating the child with prolonged ventilation
- List pharmacodynamic consequences of prolonged exposure to sedatives and analgesics

4:15 p.m. - 4:35 p.m.
- Optimizing Sedation During Prolonged Ventilation
  Joseph D. TOBIAS

4:35 p.m. - 4:55 p.m.
- Prevention of Withdrawal Following a Prolonged Course of Mechanical Ventilation
  Richard J. BERENS

4:55 p.m. - 5:15 p.m.
- Sedation Algorithms for Mechanically Ventilated Children: Do They Work?
  Maureen A. MADDEN

4:15 P.M. - 5:15 P.M. ROOM 6A

Emergency Preservation and Resuscitation for Cardiac Arrest from Trauma
Moderator: Samuel A. TISHERMAN

LEARNING OBJECTIVES
- Assess outcomes from cardiac arrest in trauma patients
- Discuss the role of hypothermia for the exsanguinating trauma patient
- Examine the research and clinical applications presented in the forms of case studies, abstract posters and oral presentations

4:15 p.m. - 4:35 p.m.
- Cardiac Arrest in Trauma Patients
  Peter RHEE

4:35 p.m. - 4:55 p.m.
- Laboratory Studies of Emergency Preservation and Resuscitation
  Hasan B. ALAM

4:55 p.m. - 5:15 p.m.
- Clinical Trial of Emergency Preservation and Resuscitation
  Samuel A. TISHERMAN

4:15 P.M. - 5:15 P.M. ROOM 31

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
- Apply information gained from this session to guide clinical nursing practice

4:15 p.m. - 4:35 p.m.
- Pediatric Nursing Research
  Maureen A. MADDEN

4:35 p.m. - 4:55 p.m.
- Adult Nursing Research
  Linda L. MORRIS

4:55 p.m. - 5:15 p.m.
- Glycemic Control
  Karen SANDS

4:15 P.M. - 5:15 P.M. ROOM 6B

Year in Review: Anesthesia
Moderator: William E. HURFORD

LEARNING OBJECTIVES
- Review new techniques in airway management, particularly outside the operating room
- Describe new data and evidence concerning information management, cognitive load and medical errors

4:15 p.m. - 4:45 p.m.
- New Concepts in Airway Management
  Miguel A. COBAS, Sean Michael QUINN

4:45 p.m. - 5:15 p.m.
- Maximizing Intensivist Value in a World of Shrinking Healthcare Resources
  Daniel R. BROWN
**SCHEDULE OF EVENTS**

**Monday, January 17**

### 4:15 P.M. - 5:15 P.M.  
**ROOM 6C**

**Improving Ventilator Synchrony**  
**Moderator: Brittany Ann WILLIAMS**

**LEARNING OBJECTIVES**
- Discuss ventilator manipulation strategies to improve patient synchrony
- Identify patient care strategies that improve patient synchrony

**4:15 p.m. - 4:35 p.m.**

**How to Set the Vent: “Knobology” and Other Tricks of the Trade**  
Brittany Ann WILLIAMS

**4:35 p.m. - 4:55 p.m.**

**Patient Manipulation to Improve Ventilator Synchrony**  
Kathleen M. VOLLMAN

**4:55 p.m. - 5:15 p.m.**

**Mechanical Ventilation Outside of the ICU**  
Neil R. MacINTYRE

### 4:15 P.M. - 5:15 P.M.  
**ROOM 6D**

**Use It or Lose It: Neuromuscular Weakness**  
**Moderator: Mark E. MIKKELESEN**

**LEARNING OBJECTIVES**
- Identify mechanisms underlying ICU-acquired neuromuscular weakness
- Discuss recent findings from studies evaluating the benefit of early mobility and rehabilitation
- List practical tools to implement an early mobility program

**4:15 p.m. - 4:35 p.m.**

**Why Is My Patient So Weak?**  
Marc MOSS

**4:35 p.m. - 4:55 p.m.**

**Recent Evidence Supporting Early Exercise in the ICU**  
Peter E. MORRIS

**4:55 p.m. - 5:15 p.m.**

**Practical Tools for Implementing an Early Mobility Program**  
Chris WINKELMAN

### 4:15 P.M. - 5:15 P.M.  
**BALLROOM 20**

**Biomarkers in Clinical Research**  
**Moderator: Hector R. WONG**

**LEARNING OBJECTIVE**
- Discuss the use of biomarkers to select populations for clinical trials

**4:15 p.m. - 4:35 p.m.**

**Biomarkers for Septic Shock Stratification**  
Hector R. WONG

**4:35 p.m. - 4:55 p.m.**

**Biomarkers to Define Organ Dysfunction**  
John A. KELLUM

**4:55 p.m. - 5:15 p.m.**

**Biomarkers for Acute Respiratory Distress Syndrome**  
Lorraine B. WARE

### 6:00 P.M. – 7:30 P.M.  
**HILTON SAN DIEGO BAYFRONT HOTEL, INDIGO BALLROOM**

**American College of Critical Care Medicine Convocation and SCCM Awards Ceremony**  
Sponsored by Eisai Inc.
TUESDAY, JANUARY 18, 2011

8:15 A.M. - 9:00 A.M. BALLROOM 20

PLENARY SESSION
First We Were Many, Now We Are One: A Worldwide Perspective of Critical Care Nursing
Ged WILLIAMS, RN, BSN, MHA, LLM
Executive Director and Professor of Nursing and Midwifery
Gold Coast Health Service District
Southport, Queensland, Australia

LEARNING OBJECTIVES
• Identify the universal important issues to critical care nurses worldwide
• Examine what critical care nurses want from national and international critical care societies
• Explain the objectives and benefits of the World Federation of Critical Care Nurses

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

Break

10:00 A.M. - 11:00 A.M. ROOM 28

Potential Roles for Statins in the ICU
Moderator: Erkan HASSAN

LEARNING OBJECTIVES
• List the strengths and weaknesses of the current studies on statins’ effectiveness in the treatment of infection and sepsis
• Examine the data evaluating whether statins can decrease the risk of recurrent cerebrovascular events
  10:00 a.m. - 10:20 a.m.
  > Should Patients Be on Statins Perioperatively?
    Judith L. KRISTELLER
  10:20 a.m. - 10:40 a.m.
  > Do Statins Have a Role in Fighting Infection and Severe Sepsis?
    Zachariah THOMAS
  10:40 a.m. - 11:00 a.m.
  > Do Statins Have a Role in Preventing Stroke in Patients With and Without Coronary Heart Disease?
    Christopher PACIULLO

10:00 A.M. - 11:00 A.M. ROOM 29

New Horizons in Hemostasis
Moderator: Mark D. CIPOFFE

LEARNING OBJECTIVES
• Discuss the options for achieving hemostasis in trauma patients
• Evaluate strategies for improving outcomes in coagulopathic patients with intracranial hemorrhage (ICH)
• Evaluate the recommendations for perioperative anticoagulation therapy in high-risk patients
  10:00 a.m. - 10:20 a.m.
  > What’s New in Controlling Hemorrhage in the Trauma Patient?
    Peter RHEE
  10:20 a.m. - 10:40 a.m.
  > Techniques for Controlling Bleeding in Patients with ICH
    Mark D. CIPOFFE
  10:40 a.m. - 11:00 a.m.
  > Fresh Frozen Plasma...Enough Already!
    Aryeh SHANDER

10:00 A.M. - 11:00 A.M. ROOM 6C

The Pitfalls of Prognostication
Moderator: J. Randall CURTIS

LEARNING OBJECTIVES
• Discuss the challenges in predicting mortality
• Examine how to discuss mortality with families
• List the challenges in managing futile patients
  10:00 a.m. - 10:20 a.m.
  > The Uncertainty of Predicting Death
    Mark SIEGEL
  10:20 a.m. - 10:40 a.m.
  > Discussing Prognosis with Families
    Mary L. SOLE
  10:40 a.m. - 11:00 a.m.
  > Is the Concept of Futility Helpful?
    Robert D. TRUOG

10:00 A.M. - 11:00 A.M. ROOM 30

New Developments in Pediatric Cardiac Care
Moderator: Neal J. THOMAS

LEARNING OBJECTIVES
• Review the new treatment approaches for pulmonary hypertension
• Identify transitional issues in the care of adult congenital heart disease patients
• Describe management of heart failure patients with ventricular assist devices
  10:00 a.m. - 10:20 a.m.
  > Pulmonary Hypertension: State of the Art
    Jeffrey R. FINEMAN
  10:20 a.m. - 10:40 a.m.
  > Adult Congenital Heart Disease: Care in the Pediatric ICU
    Lisa KOHR
  10:40 a.m. - 11:00 a.m.
  > Cardiac Failure and Ventricular Assist Devices
    Paul A. CHECCHIA
10:00 A.M. - 11:00 A.M.  ROOM 31

**Using Nurse Practitioners and Physician Assistants in the ICU**

**Moderator:** Timothy G. BUCHMAN

**LEARNING OBJECTIVES**
- Discuss strategies for utilizing nurse practitioners (NPs) and physician assistants (PAs) in the ICU
- Discuss successful staffing models in the ICU

10:00 a.m. - 10:20 a.m.
- Staffing Models Using NPs and PAs in the ICU: Successful Strategies
  - Walter A. BOYLE

10:20 a.m. - 10:40 a.m.
- Patterns of Use of NPs and PAs in the ICU: Results of a National Survey
  - Ruth M. KLEINPELL

10:40 a.m. - 11:00 a.m.
- The Structure of Affiliate Provider Time
  - Timothy G. BUCHMAN

10:00 A.M. - 12:00 P.M.  ROOM 6A

**Nutrition Buffet: What’s on the Menu?**

**Moderator:** Marion F. WINKLER

**LEARNING OBJECTIVES**
- Apply best practice standards for nutrition management
- Discuss updates in pharmaconutrition
- Identify the role of probiotics

10:00 a.m. - 10:25 a.m.
- Protocols in the ICU
  - Marion F. WINKLER

10:30 a.m. - 10:55 a.m.
- The Role of Parenteral Nutrition
  - Paul WISCHMEYER

11:00 a.m. - 11:25 a.m.
- Probiotics
  - Lee E. MORROW

11:30 a.m. - 12:00 p.m.
- Pharmaconutrition
  - Gordon S. SACKS

10:00 A.M. - 12:00 P.M.  ROOM 6B

**Controversies in Ventilator Mode**

**Moderator:** Mitchell M. LEVY

**LEARNING OBJECTIVES**
- Discuss the benefits of non-traditional ventilation strategies
- Review alternate modes of ventilation in acute respiratory distress syndrome (ARDS)

10:00 a.m. - 10:30 a.m.
- Role of High-Frequency Oscillatory Ventilation in ARDS
  - Brian P. KAVANAGH

Continued →

10:30 a.m. - 11:00 a.m.
- Airway Pressure Ventilation, Jets and Liquid: RIP?
  - William C. CROLEY

11:00 a.m. - 11:30 a.m.
- Pro: We Need Multiple Modes for ARDS
  - John J. MARINI

11:30 a.m. - 12:00 p.m.
- Con: We Need Multiple Modes for ARDS
  - Richard D. BRANSON

10:00 A.M. - 12:00 P.M.  ROOM 6D

**Infection Control and Prevention**

**Moderator:** Marin H. KOLLEF

**LEARNING OBJECTIVES**
- Review evolving challenges in limiting infection
- Discuss controversial areas in infection control
- Identify issues in preventing the spread of hospital-based infections

10:00 a.m. - 10:20 a.m.
- New Strategies for Reducing Hospital-Acquired Infections
  - Marin H. KOLLEF

10:25 a.m. - 10:45 a.m.
- Gowns, Gloves, Masks, Oh My!
  - Naomi P. O’GRADY

10:50 a.m. - 11:10 a.m.
- Hospital-Based Epidemics
  - Dennis G. MAKI

11:15 a.m. - 11:35 a.m.
- Swish, Swallow or Brush?
  - Cindy L. MUNRO

11:40 a.m. - 12:00 p.m.
- Checklists to Improve the ICU Infection Burden
  - Todd DORMAN

10:00 A.M. - 12:00 P.M.  BALLROOM 20

**What’s New in Sepsis Treatment?**

**Moderator:** Steven M. OPAL

**LEARNING OBJECTIVES**
- Examine the data from new sepsis trials
- Discuss clinical implications and future treatment

10:00 a.m. - 10:20 a.m.
- New Anti-Inflammatory Therapies in Sepsis
  - Jean-Louis VINCENT

10:25 a.m. - 10:45 a.m.
- Manipulating the Compensatory Anti-Inflammatory Response Syndrome Response
  - Alfred AYALA

10:50 a.m. - 11:10 a.m.
- Antithrombotic Agents
  - Steven LaROSA

11:15 a.m. - 11:35 a.m.
- Targeting Bacterial Molecules
  - Sean R. TOWNSEND

11:40 a.m. - 12:00 p.m.
- Signal Transduction Agents
  - Steven M. OPAL
### SCHEDULE OF EVENTS

**All sessions will be held at the San Diego Convention Center unless otherwise noted.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>11:00 A.M. - 12:00 P.M.</strong></td>
<td><strong>Old Therapies with New Possibilities</strong>&lt;br&gt;<strong>Moderator: Phillip S. OWEN</strong></td>
<td><strong>ROOM 28</strong></td>
</tr>
<tr>
<td><strong>LEARNING OBJECTIVES</strong></td>
<td>Discuss the use of N-acetylcysteine (NAC) in the treatment of acute liver injury not related to acetaminophen</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Describe when it is appropriate to recommend an atypical antipsychotic in the treatment of acute delirium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate the use of colistin in resistant infections</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m. - 11:20 a.m.</td>
<td>NAC for Non-Acetaminophen Liver Injury&lt;br&gt;Amy L. DZIERBA</td>
<td></td>
</tr>
<tr>
<td>11:20 a.m. - 11:40 a.m.</td>
<td>Atypicals in Acute Delirium&lt;br&gt;Phillip S. OWEN</td>
<td></td>
</tr>
<tr>
<td>11:40 a.m. - 12:00 p.m.</td>
<td>New Bugs, Old Drugs: Colistin&lt;br&gt;Dustin D. SPENCER</td>
<td></td>
</tr>
<tr>
<td><strong>11:00 A.M. - 12:00 P.M.</strong></td>
<td><strong>Glycemic Control 2011: Moving Beyond “Targets”</strong>&lt;br&gt;<strong>Supported, in part, by an educational grant from Medtronic Diabetes</strong>&lt;br&gt;<strong>Moderator: James S. KRINSLEY</strong></td>
<td><strong>ROOM 29</strong></td>
</tr>
<tr>
<td><strong>LEARNING OBJECTIVES</strong></td>
<td>Review new concepts in glycemic control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Examine glycemic variability as a new target for glycemic control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Examine the impact of enteral versus parenteral nutrition on glucose control and outcome</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m. - 11:20 a.m.</td>
<td>Glycemic Variability: A New Target&lt;br&gt;James S. KRINSLEY</td>
<td></td>
</tr>
<tr>
<td>11:20 a.m. - 11:40 a.m.</td>
<td>Mode of Feeding and Its Impact on Glucose Control and Outcome&lt;br&gt;Michael J. MURRAY</td>
<td></td>
</tr>
<tr>
<td>11:40 a.m. - 12:00 p.m.</td>
<td>It’s Definitely Not About Diabetes&lt;br&gt;Ivor S. DOUGLAS</td>
<td></td>
</tr>
<tr>
<td><strong>11:00 A.M. - 12:00 P.M.</strong></td>
<td><strong>Endocrine Issues in the Pediatric ICU</strong>&lt;br&gt;<strong>Moderator: Jeffrey R. FINEMAN</strong></td>
<td><strong>ROOM 30</strong></td>
</tr>
<tr>
<td><strong>LEARNING OBJECTIVES</strong></td>
<td>Describe the incidence and diagnostic approach for endocrinopathies associated with critically ill children</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Understand the pathophysiology and management of cerebral salt wasting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review the controversy of steroid supplementation in children with sepsis and septic shock</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m. - 11:20 a.m.</td>
<td>Diagnostic Approach to Critical Illness Endocrinopathies in Children&lt;br&gt;Vijay SRINIVASAN</td>
<td></td>
</tr>
<tr>
<td>11:20 a.m. - 11:40 a.m.</td>
<td>Cerebral Salt Wasting&lt;br&gt;Edward E. CONWAY Jr.</td>
<td></td>
</tr>
<tr>
<td>11:40 a.m. - 12:00 p.m.</td>
<td>Steroid Supplementation in Refractory Shock&lt;br&gt;Jerry J. ZIMMERMAN</td>
<td></td>
</tr>
<tr>
<td><strong>11:00 A.M. - 12:00 P.M.</strong></td>
<td><strong>Enhancing Workplace Morale</strong>&lt;br&gt;<strong>Moderator: Ged WILLIAMS</strong></td>
<td><strong>ROOM 31</strong></td>
</tr>
<tr>
<td><strong>LEARNING OBJECTIVES</strong></td>
<td>Identify issues surrounding negative workplace morale</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review strategies to improve workplace morale</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discuss the impact of multiple generations in the workplace</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m. - 11:20 a.m.</td>
<td>Finding the Joy: Why Do You Go to Work?&lt;br&gt;Diane BYRUM</td>
<td></td>
</tr>
<tr>
<td>11:20 a.m. - 11:40 a.m.</td>
<td>Creating and Sustaining a Healthy Work Environment&lt;br&gt;Dave HANSON</td>
<td></td>
</tr>
<tr>
<td>11:40 a.m. - 12:00 p.m.</td>
<td>Generational Differences in ICU Staff and the Potential Impact on Morale&lt;br&gt;Elizabeth Daleen ARAGON-PENOYER</td>
<td></td>
</tr>
<tr>
<td><strong>11:00 A.M. - 12:00 P.M.</strong></td>
<td><strong>Controversial Issues in Infection</strong>&lt;br&gt;<strong>Moderator: Gretchen M. BROPHY</strong></td>
<td><strong>ROOM 6C</strong></td>
</tr>
<tr>
<td><strong>LEARNING OBJECTIVES</strong></td>
<td>Discuss the management options for positive line cultures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate the use of antimicrobial therapy when a urine culture is positive for bacteria</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m. - 11:20 a.m.</td>
<td>Line Infections: When to Treat or Pull&lt;br&gt;Brian L. ERSTAD</td>
<td></td>
</tr>
<tr>
<td>11:20 a.m. - 11:40 a.m.</td>
<td>Managing the Immunosuppressed Patient&lt;br&gt;Stephen M. PASTORES</td>
<td></td>
</tr>
<tr>
<td>11:40 a.m. - 12:00 p.m.</td>
<td>Using Quantitative Cultures to Treat Ventilator-Associated Pneumonia&lt;br&gt;Charles Andrew ADAMS Jr.</td>
<td></td>
</tr>
</tbody>
</table>
**TUESDAY, JANUARY 18**

### SCHEDULE OF EVENTS

**12:00 P.M. - 1:00 P.M.**  
*POSTER HALL/SAILS PAVILION*

#### 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-1 (Posters 720-726)
- Ethics and End of Life-2 (Posters 727-734)
- Patient and Family Support (Posters 735-742)
- Therapeutics – Drugs and Pharmacokinetics-1 (Posters 749-751)
- Therapeutics – Drugs and Pharmacokinetics-2 (Posters 752-760)
- Therapeutics – Drugs and Pharmacokinetics-3 (Posters 761-769)
- Therapeutics – Drugs and Pharmacokinetics-4 (Posters 770-778)
- Therapeutics – Drugs and Pharmacokinetics-5 (Posters 779-787)
- Therapeutics – Drugs and Pharmacokinetics-6 (Posters 788-797)
- Therapeutics – Other-1 (Posters 798-808)
- Therapeutics – Other-2 (Posters 809-818)
- Therapeutics – Other-3 (Posters 819-828)
- Therapeutics – Other-4 (Posters 829-838)
- Therapeutics – Other-5 (Posters 839-848)
- Therapeutics – Other-6 (Posters 849-858)
- Therapeutics – Other-7 (Posters 859-868)
- Therapeutics – Other-8 (Posters 869-878)
- Therapeutics – Sedation-1 (Posters 879-888)
- Therapeutics – Sedation-2 (Posters 889-898)
- Therapeutics – Sedation-3 (Posters 899-907)
- Case Reports (Posters 909-1025) -POSTERS DISPLAYED ONLY

### 1:00 P.M. - 1:30 P.M.  
*ROOM 11*

#### Abstract-Based Awards Ceremony

### 1:30 P.M. - 2:15 P.M.  
*BALLROOM 20*

#### MAX HARRY WEIL HONORARY LECTURE

**Getting to Zero Central Line-Associated Bloodstream Infections: A Model for Improving Patient Safety**

*Peter J. PRONOVOST, MD, PhD, FCCM*

Professor  
Johns Hopkins University  
School of Medicine  
Baltimore, Maryland, USA

**LEARNING OBJECTIVES**

- Review the national project to eliminate central line-associated bloodstream infections (CLABSI)
- Judge what you can do in your hospital to eliminate CLABSI
- Assess a model for optimizing patient outcomes

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

#### Break

### 2:30 P.M. - 3:00 P.M.  
*ROOM 32*

#### SCCM Business Meeting

See page 19 for details.

### 3:15 P.M. - 4:45 P.M.  
*ROOM 32*

#### ACCM TOWN HALL

**The Good Old Days Were Not So Good: A Changing Healthcare Environment Can Work in Your Favor**

**LEARNING OBJECTIVES**

- Implement educational guidelines that actually increase ICU trainees’ knowledge and skills
- Develop plans to allow providers a more balanced lifestyle, which will lead to an improvement in provider workplace morale and patient satisfaction
- Design ICUs with maximum use of technology to improve efficiency, allowing providers more time with patients

3:15 p.m. - 3:35 p.m.

- New Teaching Guidelines Are Here to Stay  
  Neal H. COHEN

3:35 p.m. - 3:55 p.m.

- A Balanced Lifestyle Improves Job Satisfaction and Patient Care  
  Elizabeth Daleen ARAGON-PENOYER

3:55 p.m. - 4:15 p.m.

- Healthcare Informatics Systems Are User Friendly, and So Are Robots  
  David CERINO

4:30 p.m. - 4:45 p.m.

- Question and Answer Session

All sessions will be held at the San Diego Convention Center unless otherwise noted.
SCHEDULE OF EVENTS

All sessions will be held at the San Diego Convention Center unless otherwise noted.

3:15 P.M. - 4:15 P.M.  ROOM 28

* JOINT SCCM/ESICM SESSION

Challenges Associated with Incorporating New Devices and Therapies

Moderators: Judith JACOBI, Andrew RHODES

LEARNING OBJECTIVES
- Describe the challenges associated with the evaluation and implementation of new therapies with limited data or literature
- Evaluate how new technology can be effectively implemented and measured for clinical impact

3:15 p.m. - 3:35 p.m.
> New Devices: Implementing Minimally Invasive Technologies
  Andrew RHODES

3:35 p.m. - 3:55 p.m.
> New Drugs: When Is the Blockbuster Drug the Right Treatment?
  Judith JACOBI

3:55 p.m. - 4:15 p.m.
> Evaluating the Impact of New Technology
  Tom S. AHRENS

3:15 P.M. - 4:15 P.M.  ROOM 6A

Year in Review: Internal Medicine

Moderator: Marie R. BALDISSERI

LEARNING OBJECTIVES
- Discuss internal medicine-based research published over the previous year
- Apply the literature to critical care medicine

3:15 p.m. - 3:45 p.m.
> Literature Reviews
  Kees H. POLDERMAN

3:45 p.m. - 4:15 p.m.
> Literature Reviews
  Douglas MARTIN

3:15 P.M. - 4:15 P.M.  ROOM 6B

The Coming Storm: Pulmonary Hypertension

Moderator: Michael D. BUIST

LEARNING OBJECTIVES
- Review the burden of pulmonary hypertension (PH) on ICU populations
- Review the complex hemodynamics of PH patients who are critically ill
- Discuss the role of treating acute PH in patients with other conditions

3:15 p.m. - 3:35 p.m.
> Epidemiology/Incidence of PH in Critical Care
  Ronald G. PEARL

3:35 p.m. - 3:55 p.m.
> Double Jeopardy: PH and Hemodynamic Problems
  James R. KLINGER

3:55 p.m. - 4:15 p.m.
> Should you Treat Pulmonary Hypertension from Secondary Causes in the ICU?
  Todd M. BULL

3:15 P.M. - 4:15 P.M.  ROOM 6C

Multiple Organ Failure: An Adaptive Mechanism?

Moderator: Clifford S. DEUTSCHMAN

LEARNING OBJECTIVES
- Review concepts in multiple organ failure pathogenesis
- Discuss new theories of causes for multiple organ failure in sepsis

3:15 p.m. - 3:45 p.m.
> Is Multiple Organ Dysfunction an Adaptive Mechanism?
  Mervyn SINGER

3:45 p.m. - 4:15 p.m.
> If Organ Dysfunction Is Adaptive, Why Don’t the Patients Get Better? New Evidence from Animal Studies
  Clifford S. DEUTSCHMAN

3:15 P.M. - 4:15 P.M.  ROOM 6D

Immunosedation: Awakening a Sleeping Giant

Moderator: Robert MacLAREN

LEARNING OBJECTIVES
- Describe the effects of alpha, opioid and sedative receptors on the immune system
- Appraise the data evaluating the immune-modulating effects
- Identify the role of immune-modulating effects of sedatives and opioids in practice

3:15 p.m. - 3:45 p.m.
> Pharmacologic Mechanisms of GABA-Agonist Sedatives Related to the Immune System: Benzodiazepines and Propofol
  E. Wesley ELY

3:45 p.m. - 3:55 p.m.
> Pharmacologic Mechanisms of Analgo-Sedation Related to the Immune System: Opioids and Alpha-2 Agonists
  John W. DEVLIN

3:55 p.m. - 4:15 p.m.
> Pharmacologic Mechanisms of Antipsychotics Related to the Immune System: Typical and Atypical Antipsychotics
  Timothy D. GIRARD

3:15 P.M. - 4:15 P.M.  BALLROOM 20

Airway and Infections

Moderator: Marin H. KOLLEF

LEARNING OBJECTIVES
- Discuss the scientific evidence regarding the use of specialized airway devices to prevent infection
- Review the evidence supporting airway decontamination in the prevention of ventilator-associated pneumonia (VAP)

3:15 p.m. - 3:35 p.m.
> Modified Endotracheal Tubes to Prevent VAP
  Marin H. KOLLEF

3:35 p.m. - 3:55 p.m.
> Decontamination of the Mouth to Prevent VAP
  Cindy L. MUNRO

3:55 p.m. - 4:15 p.m.
> Selective Decontamination of the Digestive Tract to Reduce VAP
  Dennis G. MAKI
Determining Death by Neurological Criteria in 2011
Moderator: Thomas P. BLECK

LEARNING OBJECTIVES
• Discuss the history of brain death
• Examine the variability in brain death testing in the United States
• Discuss whether there should be a standard for determination of death by neurological criteria

3:15 p.m. - 4:15 p.m.

> The History of Death by Neurologic Criteria
  Thomas P. BLECK
3:45 p.m. - 4:15 p.m.
> Should There be a National Standard for Brain Death Determination?
  David M. GREER

Hot off the Press! 2011 Guidelines
Moderator: Brian R. JACOBS

LEARNING OBJECTIVES
• Discuss the current guidelines for cardiopulmonary resuscitation (CPR) of critically ill children
• Review the guidelines for management of children with traumatic brain injury (TBI)

3:15 p.m. - 3:45 p.m.

> Guidelines for CPR of Critically Ill Children
  Vinay M. NADKARNI
3:45 p.m. - 4:15 p.m.
> Guidelines for the Acute Medical Management of Severe TBI in Infants, Children and Adolescents
  Patrick M. KOCHANEK

Professional Development: Advancing Nursing Practice in the ICU
Moderator: Lauren R. SORCE

LEARNING OBJECTIVES
• Discuss strategies on how to integrate time for publishing into nursing practice
• Identify ways to implement nursing research at the bedside
• Discuss methods to optimize nursing involvement in professional organizations
• Investigate the re-emergence of the clinical nurse specialist (CNS)

3:15 p.m. - 5:15 p.m.

> Is There Room in the Nurse’s Work Schedule for Publishing?
  Lisa M. MILONOVICh
3:45 p.m. - 4:15 p.m.
> The Nurse and Research: Is There Time to Do Bedside Care and Research?
  MaryJo C. GRANT
4:45 p.m. - 5:15 p.m.
> Reinvention of the CNS in the ICU
  Diane BYRUM

Poster Hall Retrieval
Posters must be taken down between 3:30 p.m. and 6:00 p.m. Those not removed by 6:00 p.m. will be taken down by SCCM or GES staff and discarded. Materials left behind are not the responsibility of SCCM, the San Diego Convention Center or GES Decorating Company.
SCHEDULE OF EVENTS

4:15 P.M. - 5:15 P.M.  ROOM 28

Internet for the Intensivist
Moderator: E. Wesley ELY

LEARNING OBJECTIVES
• Discuss the use of the internet for optimizing ICU education and care
• Highlight Internet-based options for ICU consultation and care
4:15 p.m. - 4:35 p.m.
> Using the Internet for ICU Consultation
Louis BRUSCO Jr.
4:35 p.m. - 4:55 p.m.
> Using Multimedia to Promote ICU Care
Antonios D. LIOLIOS
4:55 p.m. - 5:15 p.m.
> Freeware and Shareware on the Internet: Maximizing Capacity for ICU Education
Joseph LEX

4:15 P.M. - 5:15 P.M.  ROOM 29

Clinical, Translational and Outcomes Research in Neurocritical Care
Moderator: Andrew M. NAIDECH

LEARNING OBJECTIVES
• Describe how animal models of cerebral ischemia and behavior apply to neurologic critical care in humans
• Describe physiologic derangements that lead to neurologic damage from critical illness
• Translate the measurements of quality of life and outcomes to survivors using appropriate statistical techniques
4:15 p.m. - 4:35 p.m.
> Preclinical Modeling of the Effects of Cerebral Hemorrhage on Behavior, Function and Outcomes
Jose Javier PROVENCIO
4:35 p.m. - 4:55 p.m.
> Predicting and Minimizing Cerebral Infarction and Neurologic Complications in Critical Care
Alejandro RABINSTEIN
4:55 p.m. - 5:15 p.m.
> Quality of Life and Outcomes after Critical Care
Andrew M. NAIDECH

4:15 P.M. - 5:15 P.M.  ROOM 30

Year in Review: Pediatrics
Moderator: Jeffrey P. BURNS

LEARNING OBJECTIVES
• Discuss a selection of the most influential publications relevant to pediatric critical care medicine
• Describe the implications of these research papers for practitioners in the field
• Evaluate the implications of these research papers on future research in the field
4:15 p.m. - 4:45 p.m.
> Clinical Investigations
Adrienne G. RANDOLPH
4:45 p.m. - 5:15 p.m.
> Basic Science
Jeffrey R. FINEMAN

4:15 P.M. - 5:15 P.M.  ROOM 6A

A.S. LAERDAL MEMORIAL AWARD LECTURE

Rapid Response Systems and Critical Care
Moderator: Ake GRENVIK

LEARNING OBJECTIVES
• Identify strategies for management of life-threatening arrhythmias
• Review the treatment for non-life-threatening arrhythmias in the ICU
4:15 p.m. - 4:35 p.m.
> Late Complications of Electrophysiology Procedures
David V. DANIELS
4:35 p.m. - 4:55 p.m.
> Annoying Arrhythmias in the ICU
Florian FALTER
4:55 p.m. - 5:15 p.m.
> Medication-Induced Arrhythmias
Gourang P. PATEL

4:15 P.M. - 5:15 P.M.  ROOM 6B

Update on Dysrhythmia Management
Moderator: Tudy HODGMAN

LEARNING OBJECTIVES
• Explore the role of capillary leak in the pathophysiology of sepsis
• List the various kinds of increased permeability
• Assess new translational modalities to treat capillary leak
4:15 p.m. - 4:35 p.m.
> Understanding the Pathophysiology of the Leaky Lung
Sharon I. S. ROUNDS
4:35 p.m. - 4:55 p.m.
> Mesenchymal Stem Cells for Reducing Epithelial Permeability in Lung Injury
Michael A. MATTHAY
4:55 p.m. - 5:15 p.m.
> Therapies for Decreasing Vascular Permeability
Mitchell P. FINK
Results from the SCCM Vision Grants

Moderators: Judith HELLMAN, Ulrich SCHMIDT

LEARNING OBJECTIVES
• Recognize research that has been funded by the SCCM Vision Grant
• Illustrate how research projects are designed and conducted.

4:15 p.m. - 4:35 p.m.
> 2008 Winner: Clinician Attitudes Toward the Regionalization of Critical Care Medicine
  Jeremy M. KAHN

4:35 p.m. - 4:55 p.m.
> 2009 Winner: Effects of ICU Census on Rationing and Outcomes
  Scott D. HALPERN

4:55 p.m. - 5:15 p.m.
> 2010 Winner: The Contribution of FunctionalDecline in the Long-Term Costs of Severe Sepsis
  Theodore J. IWASHYNA

Rapid Response Systems Debate

Moderator: Frank SEBAT

LEARNING OBJECTIVES
• Debate the benefit of rapid response systems (RRS)
• Review the clinical trial evidence on RRS

4:15 p.m. - 4:45 p.m.
> Pro: Rapid Response Systems Make a Difference
  Frank SEBAT

4:45 p.m. - 5:15 p.m.
> Con: Rapid Response Systems Make a Difference
  Michael D. BUIST

ACCM Business Meeting

See page 16 for details.
SCHEDULE OF EVENTS

WEDNESDAY, JANUARY 19, 2011

8:15 A.M. - 9:00 A.M.  
BALLROOM 20  
PLENARY SESSION  
PETER SAFAR HONORARY LECTURE  
Investigator-Initiated Trials: Expired or Inspired?  
Deborah J. COOK, MD  
Professor  
McMaster University  
Hamilton, Ontario, Canada  
LEARNING OBJECTIVES  
- Discuss on the genesis, funding, characteristics, and consequences of investigator-initiated randomized trials  
- Examine their advantages and disadvantages in contrast with industry-initiated trials

9:00 A.M. - 9:30 A.M.  
BALLROOM 20 LOBBY  
Break

9:30 A.M. - 10:30 A.M.  
ROOM 29  
Managing the Open Abdomen  
Moderator: Michael L. CHEATHAM  
LEARNING OBJECTIVES  
- Review the pathophysiology of intra-abdominal compartment syndrome  
- Discuss complications and long-term sequelae of the open abdomen  
- Discuss the challenges of nursing care in the open abdomen patient

9:30 A.M. - 10:00 A.M.  
Intra-Abdominal Hypertension: Pathophysiology and Management  
Michael L. CHEATHAM  
9:00 A.M. - 9:30 A.M.  
Complications and Long-Term Sequelae in the Open Abdomen Patient  
Juan B. OCHOA  
10:00 A.M. - 10:30 A.M.  
Challenges in Nursing: Care of the Open Abdomen Patient  
Christine S. SCHULMAN

9:30 A.M. - 10:30 A.M.  
ROOM 28  
Mixing the Agonists and Antagonists  
Moderator: Amy GREEN  
LEARNING OBJECTIVES  
- Assess the effects of concurrent multiple agents on central nervous system (CNS) receptors  
- Discuss polyreceptor interactions for sedatives, treatments of delirium and cardiovascular agents

9:30 A.M. - 9:50 A.M.  
Get Off My Receptor: CNS Polypharmacy at the Receptor Level  
Phillip OWEN  
9:00 A.M. - 9:30 A.M.  
More Drugs, Fewer Drugs, Which Drugs, Wrong Drugs: Agents for Agitation  
Mira LOH-TRIVEDI  
10:00 A.M. - 10:30 A.M.  
Cardiovascular Receptor Collapse  
Brian J. BARNES

9:30 A.M. - 10:30 A.M.  
ROOM 30  
Challenges with Children in Renal Failure  
Moderator: Derek S. WHEELER  
LEARNING OBJECTIVES  
- Review the incidence and definitions of renal failure in children  
- Describe the modes of renal replacement therapy (RRT) in critically ill children with renal failure  
- Discuss the early implementation of continuous RRT and its effect on outcome in critically ill children  
- Discuss manpower issues as they relate to staffing the continuous RRT machine

9:30 A.M. - 9:50 A.M.  
Recent Advancements in the Diagnosis of Pediatric Renal Failure  
Derek S. WHEELER  
9:00 A.M. - 9:30 A.M.  
Does Early RRT Really Make a Difference?  
Timothy E. BUNCHMAN  
10:00 A.M. - 10:30 A.M.  
Who’s Staffing the Kidney Machine?  
Lisa M. MILONOVICE

9:30 A.M. - 10:30 A.M.  
ROOM 6C  
Late-Breaker  
Moderator: Lewis J. KAPLAN  
LEARNING OBJECTIVE  
- Review data from the latest clinical trials

9:30 A.M. - 9:50 A.M.  
A Multifaceted Intervention for Quality Improvement in a Network of ICUs: A Cluster RCT  
Damon C. SCALES  
9:00 A.M. - 9:30 A.M.  
Safety and Efficacy of MP40X in Lactate Clearance following Trauma Hemorrhage  
Howard LEVY  
10:00 A.M. - 10:30 A.M.  
Impact of Vitamin D Deficiency on Outcome in Critically Ill Patients  
Paul WISCHMEYER
### Lessons Learned from the Haiti Earthquake Disaster

**Moderator:** Randy S. WAX

**Learning Objectives**
- Identify opportunities for critical care assistance in international disasters
- Evaluate organizational plans for future critical care disaster responses in the United States and internationally
- Describe experiences and lessons learned by international critical care disaster experts

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:30 A.M. - 9:50 a.m. | Military Critical Care Response on the Ground in Haiti  
Michael D. CHRISTIAN |
| 9:50 a.m. - 10:10 a.m. | Military and Non-Governmental Critical Care Support Aboard the USNS Comfort  
Dennis E. AMUNDSON |
| 10:10 a.m. - 10:30 a.m. | Coordinating and Delivering Care Across the Haitian/Dominican Border  
Amado Alejandro BAEZ |

### Operating at 110% Capacity

**Moderator:** Jeremy M. KAHN

**Learning Objectives**
- Discuss issues related to transitions of care in the ICU
- Apply concepts in queuing theory to facilitate flow in the ICU
- Describe strategies for improving flow and increasing the safety of ICU handoffs

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:30 A.M. - 9:50 a.m. | Does Throughput Matter?  
Theodore J. IWASHyna |
| 9:50 a.m. - 10:10 a.m. | How Much Is Too Much? Overburdened ICUs  
Michael D. HOWELL |
| 10:10 a.m. - 10:30 a.m. | Improving the Quality of Handoffs  
Meeta PRASAD |

### Advanced Practice Nurses in Critical Care

**Moderator:** Connie BARDEN

**Learning Objectives**
- Identify unique advanced practice nurse (APN) roles
- Discuss future challenges for the APN role
- Review billing processes and procedures

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:30 A.M. - 9:50 a.m. | The APN and Telemangement: Is There a Role for This?  
Connie BARDEN |
| 9:50 a.m. - 10:10 a.m. | Addressing Future Challenges for the APN Role  
Lynn A. KELSO |
| 10:10 a.m. - 10:30 a.m. | Billing and the APN: How to Do It Correctly  
Kathy MAGDICI |

### Intracranial Hemorrhage

**Moderator:** Andrew M. NAIDECH

**Learning Objectives**
- Discuss risk factors for mortality in intracranial hemorrhage (ICH) and subarachnoid hemorrhage (SAH)
- Review the management of new therapies for ICH and SAH

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 10:30 a.m. - 10:50 a.m. | Does the Size of the Hemorrhage Predict Mortality?  
Kyra BECKER |
| 10:50 a.m. - 11:10 a.m. | Aggressive Interventions for ICH and the MISTy Trial Update  
Lori A. SHUTTER |
| 11:10 a.m. - 11:30 a.m. | New Therapies for SAH  
R. Loch MacDONALD |
New Insights into Surgical Site Infections
Moderator: Philip S. BARIE

LEARNING OBJECTIVES
• Review classification, prevention and treatment of surgical site infections (SSI)
• Discuss national patient safety initiatives related to SSI
• Review the data regarding duration of antibiotic coverage for surgical infections

10:30 a.m. - 10:50 a.m.
> Overview of SSI
  Lena M. NAPOLITANO

10:50 a.m. - 11:10 a.m.
> National Patient Safety Initiatives
  Gerard J. FULDA

11:10 a.m. - 11:30 a.m.
> Controversies in Antibiotic Therapy for Surgical Infections
  Philip S. BARIE

Neurological Injury in Children
Moderator: Katherine V. BIAGAS

LEARNING OBJECTIVES
• Review recent guidelines for the management of children with strokes
• Describe the management of children with intractable seizures
• Review controversies in the use of hypothermia as a therapeutic agent for brain injury

10:30 a.m. - 10:50 a.m.
> Management of Pediatric Stroke
  Mark WAINWRIGHT

10:50 a.m. - 11:10 a.m.
> How to Manage Intractable Seizures in the ICU
  Steven WEINSTEIN

11:10 a.m. - 11:30 a.m.
> Hypothermia and Brain Injury: Continuing Controversies
  Charles L. SCHLEIEN

United States Critical Illness and Injury Trials Group
Moderator: J. Perren COBB

LEARNING OBJECTIVES
• Identify community input for a national strategic plan for clinical research
• Describe progress made by the Lung Injury Prevention Study Group

10:30 a.m. - 10:45 a.m.
> Overview and Update
  J. Perren COBB

10:45 a.m. - 11:00 a.m.
> Strategic Plan for Clinical Research
  Jonathan E. SEVRANSKY

11:00 a.m. - 11:15 a.m.
> Lung Injury Prevention Study (LIPS) Group: Prevention A-Z
  Peter C. HOU

11:15 a.m. - 11:30 a.m.
> Discussion

Coming Soon to an ICU Near You: Pay for Performance
Moderator: Bruce M. GREENWALD

LEARNING OBJECTIVES
• Define the concept of pay for performance (P4P) in the ICU setting
• Identify implications of P4P regulations
• Evaluate how P4P will impact ICU clinicians

10:30 a.m. - 10:50 a.m.
> What Is the Future of P4P in the ICU?
  Todd DORMAN

11:00 a.m. - 11:30 a.m.
> How Should We Implement P4P?
  Lisa L. KIRKLAND

Pandemics, Ventilation and Rationing
Moderator: Lewis A. RUBINSON

LEARNING OBJECTIVES
• Discuss strategies for mechanical ventilation during pandemics
• Describe alternative strategies for ventilating patients

10:30 a.m. - 10:50 a.m.
> Distributive Justice During Pandemics
  Stephen STREAT

10:50 a.m. - 11:10 a.m.
> Will We Be Rationing Extracorporeal Membrane Oxygenation in the Next Influenza Pandemic?
  Robert C. HYZY

11:10 a.m. - 11:30 a.m.
> Alternative Ventilation Strategies
  Lewis A. RUBINSON

Addressing Workforce Issues in Critical Care
Moderator: J. Christopher FARMER

LEARNING OBJECTIVES
• Identify factors impacting the current workforce needs in critical care
• Highlight the results from a national survey addressing workforce issues in critical care

10:30 a.m. - 10:50 a.m.
> Effects of Understaffing ICUs
  Michael D. HOWELL

10:50 a.m. - 11:10 a.m.
> Caring for Too Many Patients? Results from a National Survey
  Nicholas S. WARD

11:10 a.m. - 11:30 a.m.
> Critical Care Physician Shortage and Novel Approaches for the Future
  Neil A. HALPERN
Fundamentals of Critical Care Ultrasound
August 18-19, 2011 | Fairmont Chicago Millennium Park Hotel | Chicago, Illinois, USA

With the power of visual medicine, you can make faster, better-informed clinical decisions that can improve patient outcomes.

Ultrasound examinations in the critical care setting are increasingly in demand because of equipment portability, ease of use and ability to provide immediate, accurate evaluations.

Advances in ultrasound technology continue to improve imaging capabilities, leading to ever-expanding applications.

Register today for the Society of Critical Care Medicine’s (SCCM) two-day comprehensive course and gain the training needed to perform and interpret ultrasound imaging.

Benefit from didactic presentations and hands-on skill stations. Topics to be covered include:

- Lung Ultrasound
- Echocardiographic Approach to Shock
- Hypovolemia and Volume Responsiveness
- Hemodynamic Measurements and Systolic Function
- Vascular Access and Non-Vascular Procedures

Space for this course is limited. Register today to guarantee your seat! Visit www.sccm.org/ultrasound or call SCCM Customer Service at +1 847 827-6888.

New in 2011

Advanced Ultrasound
August 20, 2011
Fairmont Chicago Millennium Park Hotel
Chicago, Illinois, USA

Topics to be covered include:

- Advanced Hemodynamic Measurements
- Left Ventricular Systolic Function (Quantitative and Semi-Quantitative)
- Lung Ultrasound (Pulmonary Edema)
- Basic Valvular Assessment
- Pitfalls and Limitations of Echocardiography in the ICU
- Implementation of an ICU Ultrasound Program

Watch www.sccm.org for more details.
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 $80,000 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 40th Annual Critical Care Congress. The 2011 non-abstract based awards will be presented during the American College of Critical Care Medicine (ACCM) Convocation/SCCM Awards Presentation on Monday, January 17, 2011, at 6:00 p.m. in the Indigo Ballroom of the Hilton San Diego Bayfront. The abstract-based awards will be presented on Tuesday, January 18, 2011, at 1:00 p.m. in Room 11 at the San Diego Convention Center.

Award and grant recipients receive financial rewards, prestige, and recognition within the field of critical care. Congratulations to the following award and grant recipients!
Presidential Citation Award Recipients
Sponsor: Society of Critical Care Medicine

Charles Andrew ADAMS Jr., MD
Suresh AGARWAL, MD
Michael S.D. AGUIS, MD
Ozan AKCA, MD
Michelle E. ALLEN, PharmD, BCPS, FCCM
Raj ANEJA, MD
Elizabeth Daleen ARAGON-PENOYER, RN, PhD, FCCM
Tracie L. AUGUSTA, ACNP, DNP
Farooq A. BANDALI, PharmD, BCPS
Jeffrey BARLETTA, PharmD, FCCM
Troy E. BATTERTON, PharmD
Katherine V. BIAGAS, MD, FCCM
Nicholas G. BIRCHER, MD
Shiva BIREFI, MD
Barbara A. BIRRIEL, MSN, CRNP, ACNP, FCCM
Kent D. BLAD, MSN, FNP, ACNP, FCCM
Gregory H. BOTZ, MD, FCCM
Mary-Margaret BRANDT, MD, FCCM
William A. BROOK, MD, FCCM
Gretchen M. BROPHY, PharmD, BCPS, FCCM
Daniel R. BROWN, MD, PhD, FCCM
Mitchell S. BUCKLEY, MD, FCCM
Diane BYRUM, RN, MSN, CCRN, CCNS, FCCM
Luis A. CAMPUTARO, MD, FCCM
Rajesh CHAWLA, MD, EDIC, FCCM
Ira M. CHEIFETZ, MD, FCCM
David H. CHONG, MD
Ivor S. DOUGLAS, MD
Jigeeshu V. DIVATIA, MD
Jeffrey M. Dodd-O, MD, PhD
Ivor S. DOUGLAS, MD
David J. DRIES, MD, FCCM
Charles G. DURBIN Jr., MD, FCCM
Susan E. DUTHIE, MD
Milo C. ENGOREN, MD, FCCM
Elizabeth A. FARRINGTON, PharmD, BCPS, FCCM
Andrew J. FERGUSON, MB, DIBICM
Elizabeth A. CRAGO, RN, MSN
Douglas B. COURSIN, MD
Howard L. CORWIN, MD, FCCM
Brad E. COOPER, PharmD, FCCM
Edward E. CONWAY Jr., MD, MS, FCCM
Kathryn A. CONNOR, PharmD, BCPS, BCNSP
Jeff A. CLARK, MD
Mark D. CIPOLLE, MD, PhD, FCCM
David H. CHONG, MD
Ira M. CHEIFETZ, MD, FCCM
Thomas A. NAKAGAWA, MD, FCCM
Vinay M. NADKARNI, MD, FCCM
Jennifer A. MUSZYNSKI, MD
Jennifer L. MORRIS, PharmD, BCPS
Vicki L. MONTGOMERY, MD, FCCM
Michael P. MILLER, MD
William S. MILES, MD, FCCM
Kelly N. MICHIELSON, MD, MPH
William S. MILES, MD, FCCM
Michael P. MILLER, MD
Vicki L. MONTGOMERY, MD, FCCM
Jennifer L. MORRIS, PharmD, BCPS
Jennifer A. MUSZYNSKI, MD
Mohan R. MYSORE, MD, FCCM
Vinay M. NADKARNI, MD, FCCM
Thomas A. NAKAGAWA, MD, FCCM
Rahul NANCHAL, MD
Stanley A. NASRAWAY, MD, FCCM
Joseph L. NATES, MD, MBA-HCA, FCCM
Douglas F. NAYLOR Jr., MD, FCCM
Martin J. OHLINGER, PharmD, BCPS
Achikam OREN-GRINBERG, MD
Stella PAPADOPoulos, PharmD
Michele C. PAPO, MD, MPH, FCCM
Gourang P. PATEL, PharmD
Andrew J. PATTERTON, MD, PhD
Pablo A. PEREZ D’EMPAIRE, MD
Anne S. POHLMAN, RN, CCRN, MSN, FCCM
Ellen J. PRINGLE, RRT, RPFT
Jose Javier PROVENCIO, MD, FCCM
Mohamed RADY, MD, PhD, FCCM
Mark R. RIGBY, MD, PhD
Bryce R.H. ROBINSON, MD
Gloria M. RODRIGUEZ-VEGA, MD, FCCM
Andrew L. ROSENBerg, MD
Alan ROTH, RRT, MS, MBA
Alexandre T. Rotta, MD, FCCM
Mark E. ROWIN, MD
Ilan S. RUBINFELD, MD, MBA, FCCM
George A. SAMPLE, MD
Karen SANDS, RN, CCRN, MSN, APRN-B
Richard H. SAVEL, MD, FCCM
Marlyn SCHALLOM, CNS
Ulrich SCHMIDT, MD
Christa A. SCHORR, MSN, RN, FCCM
Frank SEBAT, MD, FCCM
Karl L. SERRA0, MD, FCCM
Corinna SICOUTRIS, ACNP, MSN, FCCM
Steven Q. SIMPSON, MD
Debra J. SKAAR, PharmD
Lauren R. SORCE, RN, MSN, CCRN, CPNP-AC/PCCM
Dustin D. SPENCER, PharmD, BCPS
Philip C. SPINELLA, MD
Jana A. STOCKWELL, MD, FCCM
John P. STRAUMANIS, MD, FCCM
Daniel S. TALMOR, MD, FCCM
Beth TAYLOR, MS, RD, CNSD, FCCM
Amit VOHRA, MD
Stacy AlAn VOILS, PharmD, BCPS
Richard J. WALL, MD, MPH
Randy S. WAX, MD, FCCM
Mark D. WEBER, RN, CCRN, CRNP, MSN
Randy S. WAX, MD, FCCM
Jeffrey J. ZIMMERMAN, MD, FCCM
Stacy A. TOWNSEND, MD, FCCM
Neal J. THOMAS, MD, FCCM
Ken TEGTMEYER, MD, FCCM
Beth TAYLOR, MS, RD, CNSD, FCCM
Amit VOHRA, MD
Stacy AlAn VOILS, PharmD, BCPS
Richard J. WALL, MD, MPH
Randy S. WAX, MD, FCCM
Mark D. WEBER, RN, CCRN, CRNP, MSN
Derek S. WHEELER, MD
Randy S. WAX, MD, FCCM
Randy S. WAX, MD, FCCM
John P. STRAUMANIS, MD, FCCM
Daniel S. TALMOR, MD, FCCM
Beth TAYLOR, MS, RD, CNSD, FCCM
Amit VOHRA, MD
Stacy AlAn VOILS, PharmD, BCPS
Richard J. WALL, MD, MPH
Randy S. WAX, MD, FCCM
Mark D. WEBER, RN, CCRN, CRNP, MSN
Derek S. WHEELER, MD
Brittany Ann WILLIAMS-PHILLIPS, MD, FCCM
Derek S. WHEELER, MD
Mark D. WEBER, RN, CCRN, CRNP, MSN
Randy S. WAX, MD, FCCM
Randy S. WAX, MD, FCCM
Randy S. WAX, MD, FCCM
Complimentary Wireless Internet Access is Available in Hall F on the Main Level in the Convention Center.

How to Access the Network:
Connect using SSID: SCCM
No Password Required

Sponsored by Medtronic
<table>
<thead>
<tr>
<th>MEETING</th>
<th>START TIME</th>
<th>END TIME</th>
<th>ROOM</th>
<th>FACILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRIDAY, JANUARY 14, 2011</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Council Meeting</td>
<td>7:30 a.m.</td>
<td>5:00 p.m.</td>
<td>Salon C</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td><strong>SATURDAY, JANUARY 15, 2011</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Board of Regents</td>
<td>7:30 a.m.</td>
<td>5:00 p.m.</td>
<td>Gaslamp 1</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Strategic Planning Committee Meeting</td>
<td>8:00 a.m.</td>
<td>1:00 p.m.</td>
<td>Salon B</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td>Guidelines for Surviving Sepsis Campaign 2010 Update</td>
<td>8:00 a.m.</td>
<td>3:00 p.m.</td>
<td>Salon E</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td>American Academy of Pediatrics Section on Critical Care Executive Committee Meeting</td>
<td>12:00 p.m.</td>
<td>8:00 p.m.</td>
<td>Aqua 314</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td>New Council Member Orientation</td>
<td>1:00 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 5B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Congress Program Committee</td>
<td>1:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 25</td>
<td>Convention Center</td>
</tr>
<tr>
<td>United States Critical Illness and Injury Trials Group (USCIITG) Investigators Meeting</td>
<td>2:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Aqua 313</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td>Finance and Investment Committee</td>
<td>3:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Pre-Congress Symposium</td>
<td>3:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section New Members and First Congress Attendees Orientation Meeting</td>
<td>8:00 p.m.</td>
<td>9:00 p.m.</td>
<td>Salon B</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Member Reception</td>
<td>9:00 p.m.</td>
<td>11:00 p.m.</td>
<td>Salon C</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td><strong>SUNDAY, JANUARY 16, 2011</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Osteopathic Medicine Section Business Meeting</td>
<td>7:00 a.m.</td>
<td>8:00 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Advanced Practice Nursing Committee Meeting</td>
<td>7:00 a.m.</td>
<td>8:00 a.m.</td>
<td>Room 24B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Uniformed Services Section Business Meeting</td>
<td>7:00 a.m.</td>
<td>8:00 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>In-Training Section Steering Committee Meeting</td>
<td>7:00 a.m.</td>
<td>8:00 a.m.</td>
<td>Room 24B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Chapter and Affiliate Alliance Executive Committee</td>
<td>8:00 a.m.</td>
<td>9:30 a.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Steering Committee Meeting</td>
<td>9:30 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Anesthesiology Section Steering Committee Business Meeting</td>
<td>9:30 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 24B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Grenvik Family Award for Ethics Committee</td>
<td>9:30 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 24B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Credentials Committee Meeting</td>
<td>9:30 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Steering Committee Meeting</td>
<td>9:30 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Chapter and Affiliate Alliance</td>
<td>9:30 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Strategic Education Committee</td>
<td>9:30 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Steering Committee Meeting</td>
<td>9:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Internal Medicine Section Steering Committee Meeting</td>
<td>9:30 a.m.</td>
<td>12:30 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Emergency Medicine Section Business Meeting</td>
<td>10:00 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Postgraduate and Fellowship Education Committee</td>
<td>10:00 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Paragon Quality Improvement Committee Business Meeting</td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>FDM Subcommittee</td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 33C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Guidelines Utilization Committee Meeting</td>
<td>10:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 33C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Become a Fellow of the American College of Critical Care Medicine</td>
<td>10:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SCCM Nominating Committee</td>
<td>11:00 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Communications Committee Meeting</td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Patient and Family Support Meeting</td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Adult Current Concepts in Critical Care</td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 11B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Carolinas/Virginias Chapter</td>
<td>11:00 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>General Guidelines</td>
<td>11:00 a.m.</td>
<td>1:00 p.m.</td>
<td>Room 9</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Sedation and Analgesia</td>
<td>11:00 a.m.</td>
<td>1:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Resident Education Committee Meeting</td>
<td>11:30 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 33B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Membership Subcommittee Meeting</td>
<td>11:30 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Physician Assistants Business Meeting</td>
<td>11:30 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>In-Training Section Business Meeting</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Program Committee Meeting</td>
<td>12:00 p.m.</td>
<td>1:30 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Billing and Coding Committee Meeting</td>
<td>12:30 p.m.</td>
<td>1:30 p.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Internal Medicine Section Business Meeting</td>
<td>1:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 26</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Undergraduate Education Committee</td>
<td>1:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 7B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>MEETING</td>
<td>START TIME</td>
<td>END TIME</td>
<td>ROOM</td>
<td>FACILITY</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>--------------</td>
<td>------------</td>
<td>----------</td>
<td>------------------------</td>
</tr>
<tr>
<td><strong>Nursing Section Communication and Recognition Committee Meeting</strong></td>
<td>1:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 10</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Adult MCCKAP Meeting</strong></td>
<td>1:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 33C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Northeast Chapter</strong></td>
<td>1:30 p.m.</td>
<td>2:30 p.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for Safety Medication Use</strong></td>
<td>1:30 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Pediatric MCCKAP Meeting</strong></td>
<td>2:00 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 33C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Physician-Patient Ratio Task Force</strong></td>
<td>2:30 p.m.</td>
<td>3:30 p.m.</td>
<td>Room 7A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Baltimore Chapter</strong></td>
<td>2:30 p.m.</td>
<td>3:30 p.m.</td>
<td>Room 5B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Critical Care Societies Collaborative</strong></td>
<td>2:30 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>PFCCS Program Committee</strong></td>
<td>2:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Nursing Section First Timers Meeting</strong></td>
<td>3:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 25B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Mock Online Board Examination Committee</strong></td>
<td>3:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 10</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Pediatric Multiprofessional Critical Care Board Review Course</strong></td>
<td>3:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 11B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Neuroscience Section Business Meeting</strong></td>
<td>3:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Room 26</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for Futility</strong></td>
<td>3:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Anesthesiology Section Business Meeting</strong></td>
<td>3:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Summer Conference 2011 Cardiology</strong></td>
<td>3:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 18</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Pediatric Current Concepts in Critical Care</strong></td>
<td>4:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Room 11B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Norma J. Shoemaker Research Grant Subcommittee</strong></td>
<td>4:00 p.m.</td>
<td>5:00 p.m.</td>
<td>Room 7A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Adult Multiprofessional Self-Assessment Review Book</strong></td>
<td>4:00 p.m.</td>
<td>5:30 p.m.</td>
<td>Room 7B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Texas Chapter</strong></td>
<td>4:00 p.m.</td>
<td>5:30 p.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Quality and Patient Safety Committee</strong></td>
<td>4:30 p.m.</td>
<td>6:30 p.m.</td>
<td>Room 33C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Baylor Alumni Reception</strong></td>
<td>6:00 p.m.</td>
<td>7:00 p.m.</td>
<td>Gaslamp 1</td>
<td>Omni San Diego</td>
</tr>
<tr>
<td><strong>NIH Alumni Reception</strong></td>
<td>6:00 p.m.</td>
<td>8:00 p.m.</td>
<td>Aqua 310</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td><strong>Ohio State University Reception</strong></td>
<td>6:30 p.m.</td>
<td>8:30 p.m.</td>
<td>Gaslamp 3</td>
<td>Omni San Diego</td>
</tr>
</tbody>
</table>

**MONDAY, JANUARY 17, 2011**

<table>
<thead>
<tr>
<th>MEETING</th>
<th>START TIME</th>
<th>END TIME</th>
<th>ROOM</th>
<th>FACILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pediatrics Section Safety and Quality Committee Meeting</strong></td>
<td>7:00 a.m.</td>
<td>8:00 a.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Nursing Section Business Meeting/Expert Nurse Panel and Member Breakfast Reception</strong></td>
<td>7:00 a.m.</td>
<td>8:30 a.m.</td>
<td>Room 4</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>CCM and PCCM Combined Editorial Board Meeting</strong></td>
<td>7:00 a.m.</td>
<td>8:30 a.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Graduate and Resident Education Committee</strong></td>
<td>7:00 a.m.</td>
<td>9:00 a.m.</td>
<td>Room 33B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for Critical Care Research</strong></td>
<td>8:00 a.m.</td>
<td>10:00 a.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for Sedation and Analgesia</strong></td>
<td>8:00 a.m.</td>
<td>10:00 a.m.</td>
<td>Room 9</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Membership Committee Meeting</strong></td>
<td>8:15 a.m.</td>
<td>10:15 a.m.</td>
<td>Room 25B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Clinical Pharmacy and Pharmacology Section Education Committee Meeting</strong></td>
<td>9:00 a.m.</td>
<td>10:00 a.m.</td>
<td>Room 12</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Section Chairs Meeting</strong></td>
<td>9:00 a.m.</td>
<td>10:00 a.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Item Writers' Meeting 1</strong></td>
<td>9:00 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 4</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>The Accreditation and Online Learning Committee</strong></td>
<td>9:00 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 14B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Advice on Transitioning to the First Job after Fellowship</strong></td>
<td>9:00 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 26</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>ACCM Ethics Committee</strong></td>
<td>9:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 5B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Nursing Section Advanced Nursing Practice and Professional Development Committee Meeting</strong></td>
<td>10:00 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Clinical Pharmacy and Pharmacology Section Business Meeting</strong></td>
<td>10:00 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 2</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Pediatrics Section Fellowship Director's Committee Meeting</strong></td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 25C</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>FCCS Program Committee</strong></td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 10</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for Models of Critical Care Delivery</strong></td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Guidelines for ICU Admission, Discharge, and Triage</strong></td>
<td>10:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 9</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Respiratory Care Business Meeting</strong></td>
<td>10:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>ACCM Nominating Committee Meeting</strong></td>
<td>10:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Southeast Chapter</strong></td>
<td>10:30 a.m.</td>
<td>11:30 a.m.</td>
<td>Room 12</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Item Writers' Meeting 2</strong></td>
<td>10:30 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 4</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>Nursing Section Research Committee Meeting</strong></td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 24B</td>
<td>Convention Center</td>
</tr>
<tr>
<td><strong>ACCM Fellowship Services Committee Meeting</strong></td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
</tbody>
</table>
### Business and Ancillary Meetings

**Monday, January 17, 2011 Continued**

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
<th>Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surgery Section Subcommittee Meeting</td>
<td>11:00 a.m.</td>
<td>1:00 p.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Patient Safety Committee Meeting</td>
<td>11:30 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 25B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Oregon Chapter</td>
<td>11:30 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 5B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Fellows Committee Meeting</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 25C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Palliative Care Committee Meeting</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Distinguished Investigator Committee Meeting</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Nursing Section Networking Discussion: Model for Advanced Practice Nurse Regulation</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 19</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Pediatric ICU Admission, Discharge, Triage, and Levels of Care</td>
<td>12:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Billing and Coding</td>
<td>12:30 p.m.</td>
<td>1:30 p.m.</td>
<td>Room 11B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ICU Report Task Force</td>
<td>1:00 p.m.</td>
<td>2:30 p.m.</td>
<td>Room 12</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Item Writers' Meeting 3</td>
<td>1:00 p.m.</td>
<td>2:30 p.m.</td>
<td>Room 4</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Focus Conference - Renal</td>
<td>2:00 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 11B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Volunteer Membership Liaison Program</td>
<td>2:00 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 33B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines for Pediatric Sedation and Analgesia</td>
<td>2:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 8</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Guidelines Management Committee</td>
<td>2:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 9</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Ultrasound Course Committee Meeting</td>
<td>3:15 p.m.</td>
<td>4:15 p.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Industry and Technology Section Business Meeting</td>
<td>3:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 25C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Research Committee</td>
<td>3:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 11A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>North Central Chapter</td>
<td>3:30 p.m.</td>
<td>4:30 p.m.</td>
<td>Room 12</td>
<td>Convention Center</td>
</tr>
<tr>
<td>PASCCM Business Meeting/Reception</td>
<td>5:00 p.m.</td>
<td>7:00 p.m.</td>
<td>Top of Hyatt Manchester Grand Hyatt San Diego</td>
<td></td>
</tr>
<tr>
<td>ACCM Robing Room</td>
<td>5:00 p.m.</td>
<td>9:00 p.m.</td>
<td>Indigo D</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td>Convocation</td>
<td>6:00 p.m.</td>
<td>7:30 p.m.</td>
<td>Indigo Ballroom</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td>Surgery Section Reception</td>
<td>7:30 p.m.</td>
<td>9:30 p.m.</td>
<td>Aqua 310</td>
<td>Hilton San Diego Bayfront</td>
</tr>
<tr>
<td>Internal Medicine Section Reception</td>
<td>8:00 p.m.</td>
<td>10:00 p.m.</td>
<td>Elevation Room</td>
<td>Hilton San Diego Bayfront</td>
</tr>
</tbody>
</table>

**Tuesday, January 18, 2011**

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
<th>Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDM Online</td>
<td>7:00 a.m.</td>
<td>9:00 a.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Board of Regents</td>
<td>7:30 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 5B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SCCM/ESICM Business Meeting</td>
<td>8:00 a.m.</td>
<td>9:30 a.m.</td>
<td>Room 3</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Ohio Chapter</td>
<td>8:30 a.m.</td>
<td>9:30 a.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Research Committee Meeting</td>
<td>9:00 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Advocacy Committee</td>
<td>9:00 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ICU Design Award Committee</td>
<td>9:00 a.m.</td>
<td>11:00 a.m.</td>
<td>Room 25B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Michigan Chapter</td>
<td>9:30 a.m.</td>
<td>10:30 a.m.</td>
<td>Room 5A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Clinical Pharmacy and Pharmacology Section Membership Committee Meeting</td>
<td>10:30 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 25A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Job Description Survey</td>
<td>11:00 a.m.</td>
<td>12:00 p.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Strategic Planning Committee</td>
<td>11:00 a.m.</td>
<td>12:30 p.m.</td>
<td>Room 24A</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Pediatrics Section Business Meeting</td>
<td>11:30 a.m.</td>
<td>1:30 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Surgery Section Business Meeting</td>
<td>12:00 p.m.</td>
<td>1:00 p.m.</td>
<td>Room 2</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Long-Term Consequences Task Force</td>
<td>1:00 p.m.</td>
<td>2:00 p.m.</td>
<td>Room 3</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Tele-ICU Committee</td>
<td>1:00 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 24C</td>
<td>Convention Center</td>
</tr>
<tr>
<td>SCCM Business Meeting</td>
<td>2:30 p.m.</td>
<td>3:00 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Adult Multiprofessional Critical Care Board Review Course</td>
<td>3:00 p.m.</td>
<td>4:00 p.m.</td>
<td>Room 25B</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Town Hall</td>
<td>3:15 p.m.</td>
<td>4:45 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
<tr>
<td>ACCM Business Meeting</td>
<td>4:45 p.m.</td>
<td>5:15 p.m.</td>
<td>Room 32</td>
<td>Convention Center</td>
</tr>
</tbody>
</table>

**Wednesday, January 19, 2011**

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Start Time</th>
<th>End Time</th>
<th>Room</th>
<th>Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Council Meeting</td>
<td>7:30 a.m.</td>
<td>11:00 a.m.</td>
<td>Salon AB</td>
<td>Omni San Diego</td>
</tr>
</tbody>
</table>
Are you listening?

The Society of Critical Care Medicine’s iCritical Care Podcasts offer in-depth interviews with experts in the field, prominent Society members, and authors from *Critical Care Medicine* and *Pediatric Critical Care Medicine*.

Visit [www.sccm.org/icriticalcare](http://www.sccm.org/icriticalcare) to access the latest episodes.

- Episodes accessible from your computer, iPod, or preferred MP3 device
- More than 140 interviews addressing the latest critical care topics
- Thousands of downloads per episode
- Five years of archives
- An RRS feed and e-mail subscription service keeps listeners up to date on recent installments

Special Thanks to SCCM’s Engaging iCritical Care Podcast Hosts

**Associate Editor, iCritical Care Podcasts**
Richard H. Savel, MD, FCCM
Co-Director, Surgical ICU
Montefiore Medical Center
New York, New York, USA

**Guest Editor, iCritical Care Podcasts (Pediatrics)**
Margaret Parker, MD, FCCM
Director, Pediatric Intensive Care Unit
Stony Brook University
Stony Brook, New York, USA
The only free WiFi in the convention center is available in Exhibit Hall F seating area. Sponsored by Medtronic Diabetes.
Take Acute Cardiac Care to New Heights in the Heart of the Canadian Rockies

Time is muscle when cardiac complications arise in critically ill or injured patients. Clinicians must possess the knowledge required to provide high quality care to patients with life-threatening cardiac conditions. Learn about effective management and treatment strategies for cardiac complications at the Society of Critical Care Medicine’s (SCCM) 2011 Summer Conference: Acute Cardiac Care. Topics include:

- Identification of intensive care unit patients at risk for the development of acute cardiac complications
- Heart failure syndromes and appropriate therapies
- Pathophysiology and management of acute coronary syndromes and pulmonary hypertension
- Indications for and complications of ventricular assist devices and extracorporeal support
- Medications and dosing related to specific cardiac disease processes

Discover the Pristine Beauty of Banff

A visit to the town of Banff offers the chance to experience the spectacular Canadian Rocky Mountains, glacier-fed lakes, wildlife, and small town charm. This authentic mountain community offers activities aplenty, including relaxing in hot springs, teeing off at exquisite golf courses, canoeing on Lake Louise’s turquoise water and more. Located 90 miles from Calgary and just a short trip to the mountain areas of Lake Louise, Kananaskis Country and Canmore, Banff is thought to be one of the most precious, protected places in the world.

Register today at www.sccm.org/acutecardiaccare or contact SCCM Customer Service at +1 847 827-6888.
EXHIBITOR-SPONSORED PRODUCT THEATER WORKSHOPS (EXHIBIT HALL)

SUNDAY, JANUARY 16, 2011 9:30 A.M. - 10:30 A.M.

Respiratory Solutions for Ventilator-Associated Pneumonia Risk Reduction
Sponsored by Teleflex Medical
Presenter: Jodi BREWER, RRT, RCP
Teleflex Medical, Research
Triangle Park, North Carolina, USA

The focus of this discussion will be on products and programs designed to help clinicians adhere to clinical practice guidelines and recommendations from the CDC, IHI, AARC and SHEA.

SUNDAY, JANUARY 16, 2011 2:45 P.M. - 3:45 P.M.

The PICC...Protected From the Inside Out!
Sponsored by Teleflex Medical
Presenter: Marcia RYDER, PhD, MS, RN
Ryder Science Medical Biofilm Research
San Marcos, California, USA

Both the internal and external surfaces of catheters are vulnerable to colonization by microbial attachment and biofilm formation that kept unchecked may result in deadly bloodstream and focal infections. First-generation antimicrobial central venous catheters provided protection only on the external surfaces. The second-generation chlorhexidine coated central catheters provide protection on the intraluminal surfaces including extension tubing and catheter hubs. This technology has now been applied to the PICC. The goal of this session is to assess the results of in vivo research examining the efficacy of the chlorhexidine coated catheter and how this may be applied in establishing prevention strategies that target zero CRBSI.

MONDAY, JANUARY 17, 2011 9:00 A.M. - 10:00 A.M.

Expanded Role of Parenteral Nutrition for Critically Ill Patients
Sponsored by Baxter Healthcare Corporation
Presenter: Thomas HAYWARD III, MD, MBA, CNSP
Indiana University School of Medicine
Indianapolis, Indiana, USA
Indiana University Hospital

Traditionally, nutrition support in the critically ill has been focused on providing gut stimulation and modulating the patient’s immune response. More recently, the practice of goal-directed nutrition therapy has been supported by the latest clinical evidence and guidelines. This program reviews some of the latest nutrition guidelines for critically ill patients and helps demonstrate the various roles for parenteral nutrition in this patient population.

MONDAY, JANUARY 17, 2011 2:15 P.M. - 3:30 P.M.

The Value of Extravascular Lung Water (EVLW) Measurements and Evidence-Based Fluid Resuscitation Techniques for Best Clinical Practice in the ICU
Sponsored by Pulsion Medical

Presenters: Paul MARIK, MD
East Virginia Medical School
Norfolk, Virginia, USA
Greg MARTIN, MD
Grady Memorial Hospital
Atlanta, Georgia, USA
Emory University School of Medicine

This workshop will discuss methods for measuring and interpreting extravascular lung water (EVLW) such as the Pulsion PICCO device in critically ill patients. Case-based discussion of evidence for application of EVLW measures to optimize clinical practice in ICU will be included. Methods for assessing preload and preload responsiveness will also be reviewed showing data that challenge traditional CVP pressure measurements. Emerging data will be presented demonstrating an association between excessive fluid resuscitation and mortality.
Prepare your team to manage the first 24 hours of critical care with the Society of Critical Care Medicine’s (SCCM) leading courses!

**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** 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** 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.
EXHIBITOR LISTING
As of December 13, 2010

31st ISICEM (International Symposium on Intensive Care and Emergency Medicine)
Booth #319
Route de Lennik 80B
Hospital Erasme
Brussels, 1070
Belgium
Phone: +32 2 555 4757
Web site: www.isicem.org
The objective of this 4 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 tutorial, round tables etc. The meeting is open to all physicians, nurses and other allied health professionals.

Abbott Nutrition
Booth #840
625 Cleveland Avenue
Columbus, OH 43215
United States
Phone: +1 800 231-3300
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.

Advanced ICU Care Medical Group
Booth #123
999 Executive Parkway Drive
Suite 210
Saint Louis, MO 63141
United States
Phone: +1 314 514-6000
Web site: www.icumedicine.com
Advanced ICU Care Medical Group is a well-established physician owned and led practice looking for committed intensivists. We are a recognized leader in critical care medicine, and the first private group to utilize virtual ICU technology. We work with hospitals to bring best practices and improved results to their patients.

AdvanDx
Booth #1040
400 TradeCenter
Suite 6990
Woburn, MA 01801
United States
Phone: +1 781 576-0009
Web site: www.advandx.com
AdvanDx enables clinicians to save the lives of critically ill, infected patients through rapid diagnostics that employ a proprietary “whole cell analysis” approach to pathogen detection and identification. AdvanDx’s PNA FISH® tests provide rapid identification of bloodstream pathogens to improve antibiotic prescribing, care and outcomes for patients with bloodstream infections.

Air Force Reserve
Booth #331
1000 Corporate Pointe
Warner Robins, GA 31088
United States
Phone: +1 478 327-0150
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 peace-time missions around the world. Some specialties may be eligible to receive student loan repayments or special pay incentives.

Air National Guard
Booth #236
Units in 54 US states and Territories
United States
Phone: +1 800 TO-GO-ANG
Web site: www.goANG.com
As an Air Guard Health Professional, you’ll be in the middle of the action during a natural disaster, civil emergency, or homeland crisis; where skills and character are critical. You’ll serve part-time, close to home. Call 1-800-TO-GO-ANG or visit GoANG.com/HP now and become Part-time Blue. Full-time You.

American Association of Critical-Care Nurses
Booth #318
101 Columbus
Aliso Viejo, CA 92656
United States
Phone: +1 949 362-2000
Web site: www.aacn.org
The American Association of Critical-Care Nurses (AACN) joins together a community of 500,000 nurses who care for critically ill patients. Our vision is to create a healthcare system driven by the needs of patients and their families. Through free continuing education with membership, specialty certification, award-winning journals and standard setting educational resources, AACN drives excellence. Because nothing less is acceptable.

American College of Chest Physicians
Booth #317
3300 Dundee Road
Northbrook, IL 60062
United States
Phone: +1 847 498-1400
Web site: www.chestnet.org
As the leading resource for improvement in pulmonary, critical care, and sleep medicine, the ACCP promotes the prevention and treatment of chest diseases through leadership, education, research, and communication. Come see our top-rated board review products, ACCP-SEEK iPhone app, evidence-based guidelines, simulation education courses, critical care advocacy efforts, and more.

American Thoracic Society
Booth #229
61 Broadway
Floor 4
New York, NY 10006
United States
Phone: +1 212 315-8600
Web site: www.thoracic.org
Founded in 1905, the American Thoracic Society is dedicated to advancing pulmonary, critical care, and sleep medicine.

AMT
Booth #335
8000 Katherine Boulevard
Brecksville, OH 44141
United States
Phone: +1 800 869-7382
Web site: www.appliedmedical.net
The AMT Bridle™ Nasal Tube Retaining System was developed to avoid the cost of nasal tube pull outs, while simultaneously improving nutritional outcomes. Routine bridling has become the Standard of Care for many ICU’s due to improved nutritional outcomes and cost management. The bridge can be placed in less than a minute.

Astellas Pharma US, Inc.
Booth #238
3 Parkway N
Deerfield, IL 60015-2537
United States
Phone: +1 847 317-8800
www.astellas.com/us
Astellas Pharma US, Inc., located in Deerfield, Illinois, is a U.S. affiliate of Tokyo-based Astellas Pharma Inc. Astellas is a pharmaceutical company dedicated to improving the health of people around the world through the provision of innovative and reliable pharmaceutical products. In the US, Astellas markets products in the areas of Immunology, Urology, Anti-Infectives, Cardiovascular and Dermatology.

Aurora Health Care
Booth #1234
3305 West Forest Home Avenue
Milwaukee, WI 53215
United States
Phone: +1 414 647-3146
Web site: www.aurora.org/doctor
Aurora Health Care’s integrated, nonprofit health care system throughout eastern Wisconsin is internationally known and awarded for exceptional care. By incorporating the latest treatment systems and patient innovations, Aurora is constantly finding better ways to ensure better health care in our 14 state-of-the-art acute-care hospitals and over 117 multi-specialty clinics.
Avalon Laboratories, LLC
Booth #340
2610 Homestead Place
Rancho Dominguez, CA 90220
United States
Phone: +1 310 761-8960
Web site: www.avalonlaboratories.com

The Avalon Elite™ Bi-Caval Dual Lumen Catheter is the world’s first single site, kink-resistant, veno- venous device designed to enable optimal extra- corporeal life support. The Elite product line also includes the multi-port Venous Femoral Cathether, a high performance percutaneous catheter system designed to optimize drainage and facilitate improved vascular access.

B. Braun Medical Inc.
Booth #438
824 Twelfth Avenue
Bethlehem, PA 18018
United States
Phone: +1 800 848-2066
Web site: www.bbma.com

The Renal Therapies Division of B. Braun Medical offers a full line of CRRT products. These products include the Diapact® CRRT System for continuous renal replacement and plasmapheresis, and Duosol™ bicarbonate based dialysate CRRT solution. Stop by our booth for a demonstration of the Diapact CRRT system or for more information, call +1 800-848-2066.

Bard Access Systems
Booth #828
605 North 5650 West
Salt Lake City, UT 84116
United States
Phone: +1 801 522-4973
Web site: www.bardaccess.com

Bard Access Systems invites you to visit booth number 828 to learn about Covert™ coated catheters, PowerPICC™ Small Vein catheters, Site-Scrubb™ IPA Device, and Site-Rite Vision™ Ultrasound System and Cover. The Power- Trialyzer” acute triple lumen dialysis catheter, Navare™ pigtail drainage system, and Aspira™ home drainage system will also be shown.

Bard Medical Division
Booth #928
8196 Industrial Boulevard
Covington, GA 30014
United States
Phone: +1 800 526-4455
Web site: www.bardmedical.com

Bard Medical is a leading manufacturer of innovative acute care products which improve clinical outcomes and patient safety. This breadth of products includes low pressure fecal management systems, intra-abdominal pressure, core body temperature, and automated urine output monitoring systems as well as products clinically proven to prevent catheter associated UTIs.

Baxter Healthcare Corporation
Booth #1124
One Baxter Parkway
Deerfield, IL 60015
United States
Phone: +1 847 948-4350
Web site: www.baxter.com

This booth will be staffed with representa- tives 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 production.

Baxter Healthcare Corporation
Medication Delivery
Booth #1028
25212 West State Route 120
Round Lake, IL 60073
United States
Phone: +1 800 4-BAXTER
Web site: www.baxter.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.

BioMérieux
Booth #218
100 Rodolphie Street
Durham, NC 27712
United States
Phone: +1 800 682-2666
Web site: www.biomerieux-usa.com

bioMérieux provides diagnostic solutions (reagents, instruments, software) which determine the source of disease and contamination to improve patient health and ensure consumer safety. Its products are used for diagnosing infectious diseases and providing high medical value results for cancer screening and monitoring and cardiovascular emergencies.

Borgess Health
Booth #436
1521 Gulf Road
MSB #350
Kalamazoo, MI 49048
United States
Phone: +1 269 226-5065
Web site: www.borgess.com

Borgess Medical Center is a 424-bed teaching hospital and Level 1 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 1.1 million people living in 11 counties in southwest and south central Michigan.

Cadwell Laboratories, Inc.
Booth #1123
909 North Kellogg Street
Kennewick, WA 99336
United States
Phone: +1 509 735-6481
Web site: www.cadwell.com

Cadwell’s Envisio® EEG system is designed for continuous brain monitoring in the ICU and other critical care environments. The system consists of a small footprint, easy to maneuver cart, and special software to establish thresholds for burst suppression, asymmetry, alpha/delta ratio and other parameters with auditory and visual notifications.

CAE Healthcare
Booth #1340
3200 Guenette
Saint-Laurent, Quebec H4S 2G5
Canada
Phone: +1 408 856-1917
Web site: www.cae.com/healthcare

CAE Healthcare offers the most complete training solution for bedside ultrasound. The CAE ICU online curriculum features high-quality 3D animations and valuable content organized in multiple structured modules. Using real-time dynamic imaging and a custom mannequin, the CAE VMEDIX simulator provides an unparalleled training environment for the thoracic, abdominal and pelvic cavities.

Calmoseptine, Inc.
Booth #418
16632 Burke Lane
Huntington Beach, CA 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!

Canyon Pharmaceuticals
Booth #227
5 Sylvan Way
 Parsippany, NJ 07054
United States
Phone: +1 518 225-7525
Web site: www.canyonpharma.com

Canyon Pharmaceuticals is a privately held biopharmaceuticals company focused on delivering innovative therapeutic solutions. Canyon has exclusive worldwide rights for recombinant desirudin marketed under the trade names Iprivask® in the U.S. and Revasc® in Europe and the rest of the world.

BioMérieux
Booth #218
100 Rodolphie Street
Durham, NC 27712
United States
Phone: +1 800 682-2666
Web site: www.biomerieux-usa.com

bioMérieux provides diagnostic solutions (reagents, instruments, software) which determine the source of disease and contamination to improve patient health and ensure consumer safety. Its products are used for diagnosing infectious diseases and providing high medical value results for cancer screening and monitoring and cardiovascular emergencies.

Borgess Health
Booth #436
1521 Gulf Road
MSB #350
Kalamazoo, MI 49048
United States
Phone: +1 269 226-5065
Web site: www.borgess.com

Borgess Medical Center is a 424-bed teaching hospital and Level 1 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 1.1 million people living in 11 counties in southwest and south central Michigan.

Cadwell Laboratories, Inc.
Booth #1123
909 North Kellogg Street
Kennewick, WA 99336
United States
Phone: +1 509 735-6481
Web site: www.cadwell.com

Cadwell’s Envisio® EEG system is designed for continuous brain monitoring in the ICU and other critical care environments. The system consists of a small footprint, easy to maneuver cart, and special software to establish thresholds for burst suppression, asymmetry, alpha/delta ratio and other parameters with auditory and visual notifications.
Cardiotoricnic, Inc.
Booth #1117
7855 knarhoe Avenue
Suite 226
La Jolla, CA 92037
United States
Phone: +1 858 454-0600
Web site: www.cardiotoricnic.net
Cardiotoricnic specializes in 100% non-invasive hemodynamic monitoring for adult and pediatric ICUs. The compact/porable ICON monitor provides continuous estimations of stroke volume and cardiac output through only 4 ECG leads. It has been shown that implementation of ICON monitors results in benefits including cost reduction, procedural risks, and medical staff time.

CareFusion
Booth #1226
3750 Torrey View Court
San Diego, CA 92150
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
Booth #420
100 Centurion Way
Williamstown, MA 01895
United States
Phone: +1 800 248-4058
Web site: www.centurionmp.com
Centurion Medical Products develops custom procedural kits and trays that feature products that improve caregiver, patient, and provider outcomes. Developed with critical input from end-users, Centurion® products include patented SnagFree® instruments, dressing and securement products; featuring SorbaView® SHIELD - a superior-strength, dressing and securement that prevents catheter movement and dislodgement.

Cerner Corporation
Booth #618
10234 Marion Park Drive
Kansas City, MO 64137
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, virtualICU 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.

Cheetah Medical, Inc.
Booth #640
2828 SW Corbett Avenue
Suite 214-C
Portland, OR 97201
United States
Phone: +1 503 241-5405
Web site: www.cheetah-medical.com
The Only Noninvasive Cardiac Output Monitor Whose FDA Predicate is The Swan Ganz. NICOM empowers your clinical diagnosis, approach to fluid management, drug selection and titration on a platform which has been used in multiple clinical applications. Including Intensive Care (ICU MICU, SICU, CCU), Anesthesia, Peri-Operative StepDown, and Emergency Department.

Cincinnati Sub-Zero
Booth #417
12011 Mosteller Road
Cincinnati, OH 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 #1134
9655 Towne Centre Drive
San Diego, CA 92121
United States
Phone: +1 800 350-8202
Web site: www.clinicomp.com
ClinComp, Intl. is a global provider of mission-critical inpatient documentation solutions proven to improve the efficiency and safety of healthcare providers’ highest-acuity workflows. Built on over 25 years ICU expertise, Essentris®/Critical Care® real-time clinical charting, 24x7 surveillance, and retrospective analysis and reporting solutions provide high performance and zero downtime improving clinical decision-making, patient safety and outcomes.

Cogent Healthcare, Inc.
Booth #320
5410 Maryland Way
Suite 5593
Brentwood, TN 37027
United States
Phone: +1 877 426-4368
Web site: www.cogenthealthcare.com
For more than a decade, Cogent Healthcare has been the leader in developing and managing hospital medicine programs for our hospitals nationwide. Our System of Care delivers the resources, leadership and structure that support hospitalists in providing exceptional patient care while aligning with our hospital partners to achieve goals of quality, safety, efficiency and service.

CompHealth
Booth #427
6440 Milrock Drive
Suite 175
Salt Lake City, UT 84121
United States
Phone: +1 800 453-3030
Web site: www.comphlealth.com
CompHealth is one of the largest providers of healthcare staffing and recruiting services. For over 30 years, we have offered physicians more locum tenens and permanent placement opportunities in more locations nationwide. Contact us about opportunities in your specialty. Call 800.453.3030 or visit www.comphlealth.com.

ConMed
Booth #1018
525 French Road
Utica, NY 13502
United States
Web site: www.conmed.com
ConMed presents the ECOM™ Endotracheal Cardiac Output Monitoring system. ECOM utilizes a standard endotracheal tube that is inserted using normal ET placement techniques. Based on impedance cardiography, the ECOM system provides cost-effective, beat-to-beat monitoring of cardiac output, cardiac index, stroke volume, stroke volume variation and systemic vascular resistance.

Cook Medical
Booth #428
750 Daniels Way
Bloomington, IN 47404
United States
Phone: +1 800 468-1379
Web site: www.cookmedical.com
Cook Medical, a leader in the development of minimally-invasive medical devices, remains at the forefront of innovative products for critical care physicians. Cook manufactures safer, less traumatic solutions for a variety of procedural areas, including venous access, tracheostomy, cecentesis and drainage, and enteral feeding.

CORPAK MedSystems
Booth #1022
100 Chaddick Drive
Wheeling, IL 60090
United States
Phone: +1 847 403-3400
Web site: www.cortraksystem.com
Stop by by booth #1022 to see the CORTRAK® Enteral Access System. CORTRAK is the ONLY system with FDA clearance for tube placement confirmation at the bedside without exposing the patient to Xray! CORTRAK uses computer technology and a “real time” visual representation of the feeding tube to avoid lung placement during the placement. Safer, less expensive and quicker feeding tube placements with CORTRAK. Also from CORPAK: the Farrell Valve Gastric Decompression System; Clog Zapper to eliminate feeding tube occlusions and the full line of CORFLO feeding tubes.
Finding New Members of Your Multiprofessional Team Just Became Easier.

SCCM has joined the National Healthcare Career Network. The NEW SCCM Career Central is the largest multi-professional critical care career portal with cutting-edge tools to make the perfect professional match.

New Tools

Employers can actively browse through resumes of interested clinicians. Job seekers can put themselves on the market with a click of a button.

It’s free for those seeking new professional opportunities.

Explore these new tools at careercentral.sccm.org.

Volume job posting discounts are available.
Visit careercentral.sccm.org or contact SCCM’s hospital relations team at +1 847 493-6401 for more information.
Covidien
Booth #118
6135 Gunbarrel Avenue
Boulder, CO 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.

Crescendo Systems Corporation
Booth #230
1600 Montgolfier
Laval, QC H7T 0A2
Canada
Phone: +1 450 973-8029
Web site: www.crescendo.com
The Crescendo suite of software solutions allows healthcare facilities around the world to automate and streamline the most complex documentation workflows, from the dictation phase to the automated distribution of final reports. The latest product offering, Centro, designed to be the physician’s center for dictating, integrates speech processing, handwriting recognition and many decision support tools.

Cumberland Medical
Booth #421
2525 West End Avenue
Suite 950
Nashville, TN 37203
United States
Phone: +1 615 255-0068
Web site: www.cumberlandpharma.com
Caldolor® (ibuprofen) Injection is indicated in adults for management of mild to moderate pain, moderate to severe pain as adjunct to opioid analgesics, and for reduction of fever. Acetadote® (acetylcysteine) Injection, administered within 8-10 hours after ingesting potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

Cumberland Pharmaceuticals, Inc.
Booth #422
2525 West End Avenue
Suite 950
Nashville, TN 37203
United States
Phone: +1 615 255-0068
Web site: www.cumberlandpharma.com
Caldolor® (ibuprofen) Injection is indicated in adults for management of mild to moderate pain, moderate to severe pain as adjunct to opioid analgesics, and for reduction of fever. Acetadote® (acetylcysteine) Injection, administered within 8-10 hours after ingesting potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

DAS Wealth Management Group of Wells Fargo Advisors
Booth #329
1999 Avenue of The Stars
Suite 2200
Los Angeles, CA 90067
United States
Phone: +1 310 552-5612
Web site: www.home.wellsfargoadvisors.com/das-wealth-management
Our mission is to provide medical professionals financial guidance to help grow and maintain their wealth. The DAS Wealth Management Group has become an essential component to the life of any busy medical professional.

Daxor Corporation
Booth #628
350 5th Avenue
Suite 7120
New York, NY 10118
United States
Phone: +1 212 330-8500
Web site: www.daxor.com
Daxor 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 kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypotension and syncope.

Department of Veterans Affairs
Booth #350
1000 Poydras Street
Suite 1971
New Orleans, LA 70112
United States
Phone: +1 504 565-4844
Web site: www.vacareers.va.gov
The Department of Veterans Affairs focuses on recruiting healthcare professionals and students throughout the US to provide the best care for our veterans. Promoting a diverse workforce and offering a wide array of employment benefits, scholarships and retention initiatives, the VA is a leader in our nation’s health care industry.

Draeger Medical, Inc.
Booth #639
3135 Quarry Road
Telford, PA 18969
United States
Phone: +1 215 660-2513
Web site: www.draeger.com
Draeger will be showcasing our flagship product the Evita Infinity V500, a universal ventilator that can be utilized in the neonatal, pediatric, and adult critical care areas. The Carina® ventilator will also be on display which provides both invasive and noninvasive ventilation and is well suited for areas outside of the ICU.

ECMO Advantage
Booth #339
407 Haynes Haven Lane
Murfreesboro, TN 37129
United States
Phone: +1 615 494-4389
Web site: www.ecmoadvantage.com
ECMO Advantage provides extracorporeal consulting, staffing, training, and transport services for all age groups. Other medical equipment and supplies featuring the Mobilizer ambulation carts designed for critical care patients offered through clinical advantage group.

Edwards Lifesciences
Booth #1121
One Edwards Way
Irvine, CA 92614
United States
Phone: +1 949 250-2500
Web site: www.edwards.com/criticalcare
At Edwards, we strive to provide you with the valuable hemodynamic information you need, how you need it, when you need it most. From the very first Swan-Ganz pulmonary artery catheter to the latest FloTrac sensor and PediaSat oximetry catheter, our goal remains the same...to provide you with the clarity you need, the moment you need it, in order to advance the care of the critically ill. Visit our booth to see our latest advancements.

Electromed, Inc.
Booth #1110
100 1st Boulevard
Woodcliff Lake, NJ 07677
United States
Phone: +1 201 692-1100
Web site: www.electromed.com
Electromed, Inc. presents its patented SmartVest® Airway Clearance System that uses HFCW0 proven to clear the lungs of excess mucus, improve lung drainage and reduce lung infection. The SmartVest® is portable, programmable, and multi-positional, assuring patient ease and convenience. Electromed, Inc. has earned The Joint Commission’s Gold Seal of Approval.

Draeger will be showcasing our flagship product the Evita Infinity V500, a universal ventilator that can be utilized in the neonatal, pediatric, and adult critical care areas. The Carina® ventilator will also be on display which provides both invasive and noninvasive ventilation and is well suited for areas outside of the ICU.

Daxor 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 kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypotension and syncope.

The Crescendo suite of software solutions allows healthcare facilities around the world to automate and streamline the most complex documentation workflows, from the dictation phase to the automated distribution of final reports. The latest product offering, Centro, designed to be the physician’s center for dictating, integrates speech processing, handwriting recognition and many decision support tools.

Caldolor® (ibuprofen) Injection is indicated in adults for management of mild to moderate pain, moderate to severe pain as adjunct to opioid analgesics, and for reduction of fever. Acetadote® (acetylcysteine) Injection, administered within 8-10 hours after ingesting potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

The Department of Veterans Affairs focuses on recruiting healthcare professionals and students throughout the US to provide the best care for our veterans. Promoting a diverse workforce and offering a wide array of employment benefits, scholarships and retention initiatives, the VA is a leader in our nation’s health care industry.

Draeger Medical, Inc.
Booth #639
3135 Quarry Road
Telford, PA 18969
United States
Phone: +1 215 660-2513
Web site: www.draeger.com
Draeger will be showcasing our flagship product the Evita Infinity V500, a universal ventilator that can be utilized in the neonatal, pediatric, and adult critical care areas. The Carina® ventilator will also be on display which provides both invasive and noninvasive ventilation and is well suited for areas outside of the ICU.

Daxor 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 kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypotension and syncope.

Caldolor® (ibuprofen) Injection is indicated in adults for management of mild to moderate pain, moderate to severe pain as adjunct to opioid analgesics, and for reduction of fever. Acetadote® (acetylcysteine) Injection, administered within 8-10 hours after ingesting potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

The Crescendo suite of software solutions allows healthcare facilities around the world to automate and streamline the most complex documentation workflows, from the dictation phase to the automated distribution of final reports. The latest product offering, Centro, designed to be the physician’s center for dictating, integrates speech processing, handwriting recognition and many decision support tools.

Caldolor® (ibuprofen) Injection is indicated in adults for management of mild to moderate pain, moderate to severe pain as adjunct to opioid analgesics, and for reduction of fever. Acetadote® (acetylcysteine) Injection, administered within 8-10 hours after ingesting potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury.

Daxor 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 kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypotension and syncope.

The Department of Veterans Affairs focuses on recruiting healthcare professionals and students throughout the US to provide the best care for our veterans. Promoting a diverse workforce and offering a wide array of employment benefits, scholarships and retention initiatives, the VA is a leader in our nation’s health care industry.

Draeger Medical, Inc.
Booth #639
3135 Quarry Road
Telford, PA 18969
United States
Phone: +1 215 660-2513
Web site: www.draeger.com
Draeger will be showcasing our flagship product the Evita Infinity V500, a universal ventilator that can be utilized in the neonatal, pediatric, and adult critical care areas. The Carina® ventilator will also be on display which provides both invasive and noninvasive ventilation and is well suited for areas outside of the ICU.

Daxor 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 kit for a multi-sample blood volume. Measurement of blood volume is applicable for hypertension, CHF, transfusion, ICU/CCU, anemia, orthostatic hypotension and syncope.

The Department of Veterans Affairs focuses on recruiting healthcare professionals and students throughout the US to provide the best care for our veterans. Promoting a diverse workforce and offering a wide array of employment benefits, scholarships and retention initiatives, the VA is a leader in our nation’s health care industry.

Draeger Medical, Inc.
Booth #639
3135 Quarry Road
Telford, PA 18969
United States
Phone: +1 215 660-2513
Web site: www.draeger.com
Draeger will be showcasing our flagship product the Evita Infinity V500, a universal ventilator that can be utilized in the neonatal, pediatric, and adult critical care areas. The Carina® ventilator will also be on display which provides both invasive and noninvasive ventilation and is well suited for areas outside of the ICU.
Global Care Quest, a Division of KARL STORZ Endoscopy-America
Booth #429
2151 E Grand Avenue
El Segundo, CA 90245
United States
Phone: +1 800 421-0837
Web site: www.globalcarequest.com
Global Care Quest, a Division of KARL STORZ Endoscopy, delivers visual clinical intelligence to surgeons and clinicians. Our proven approach enables a hospital to tie information from clinical systems to present a clear, visual, and clinically relevant view of any patient’s condition instantly to the treating physician in one place.

Gulfcoast Ultrasound Institute
Booth #1331
4615 Gulf Boulevard
Suite 205
St Pete Beach, FL 33706
United States
Phone: +1 727 363-4500
Web site: www.gcus.com
Gulfcoast Ultrasound Institute has provided CME programs and self-directed study products to medical professionals since 1985. Over 27,000 physicians and other medical professionals have participated in our courses. Gulfcoast also offers onsite training and online webinars for intensivists. Accredited provider of AMA PRA Category 1 credits. Participants-to-instructor ratio is 3:1.

Haemionetics Corporation
Booth #121
400 Wood Road
Braintree, MA 02184
United States
Phone: +1 781 848-7100
Web site: www.hemionetics.com
Haemionetics is a global healthcare company dedicated to providing innovative blood management solutions for our customers. Our devices, consumables, IT products, and consulting services deliver a suite of business solutions to help our customers improve clinical outcomes and reduce the cost of healthcare for blood collectors, hospitals, and patients around the world.

Hamilton Medical, Inc.
Booth #630
4990 Energy Way
Reno, NV 89502
United States
Phone: +1 800 426-6331
Web site: www.hamilton-medical.com
Hamilton Medical introduces additions to our ventilation line that will bring Intelligent Ventilation solutions to expanded patient populations. Featuring Hamilton G5, neonatal through adult ventilation including HELIOX and End Tidal Volumetric CO2 options and Hamilton C2 - our turbine driven neonatal through adult ventilator, Hamilton is pleased to preview the Hamilton C1 and the Hamilton T1.

Hollister Incorporated
Booth #534
2000 Hollister Drive
Libertyville, IL 60048
United States
Phone: +1 888 740-8999
Web site: www.hollister.com
Hollister Bowel Care offers a family of products and services to help optimize care for patients with fecal incontinence: the proactive, dependable, and versatile ActiFlo Indwelling Bowel Catheter and the simple, convenient, and effective InstaFlo Bowel Catheter. Also learn about the Anchor Fast Oral Endotracheal Tube Fastener for respiratory care. www.hollister.com

Hospira
Booth #817
275 N Field Drive
Lake Forest, IL 60045
United States
Phone: +1 877 946-7747
Web site: www.hospira.com
Hospira is a global specialty pharmaceutical and medication delivery company dedicated to Advancing WellnessM. As the world leader in specialty generic injectable pharmaceuticals, Hospira offers one of the broadest offerings of generic acute-care and oncology injectables, and infusion therapy and medication management solutions. Hospira’s products help improve the safety, cost and productivity of patient care.

HRA Research
Booth #537,1221
400 Landix Plaza
Parison, NJ 07054
United States
Phone: +1 973 240-1204
Web site: www.hraresearch.com
Our team of experienced interviewers will be distributing carefully developed questionnaires. We’ll be gathering the answer to vital marketing and clinical questions-answers that can affect the introduction of new products or the continuation of existing healthcare products and services.
OVERCOME BARRIERS AND ACHIEVE OPTIMAL PATIENT OUTCOMES
with the Society of Critical Care Medicine’s ground-breaking quality implementation program, Paragon Critical Care.

Improving Any Hospital’s ICU With PARAGON Is:

- Good for physicians and staff
- Better for hospitals
- Best for patients

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:

<table>
<thead>
<tr>
<th>Year</th>
<th>Overall Score</th>
<th>Multi-Professional Team</th>
<th>Physician Management</th>
<th>Quality Processes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>48</td>
<td>19</td>
<td>42</td>
<td>57</td>
</tr>
<tr>
<td>2008</td>
<td>72</td>
<td>74</td>
<td>69</td>
<td>64</td>
</tr>
</tbody>
</table>

*For more success stories, visit www.sccm.org and click on the PARAGON button.

HOW CAN WE HELP YOU GET STARTED?
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

EXPERT PEER COACHING   ONE-OF-A-KIND   GROUND-BREAKING

Paragon Critical Care
ImaCor showcases the ClariTEE™ 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 ClariTEE probe allows intensive care clinicians to easily assess cardiac preload, intravascular volume status and left ventricular systolic function over time.

Instrumentation Industries, Inc.
Booth #328
2990 Industrial Boulevard
Bethel Park, PA 15102
United States
Phone: +1 412 854-1133
Web site: www.iimedi.com

Integra
Booth #539
311 Enterprise Drive
Painsboro, NJ 08068
United States
Phone: +1 609 275-0500
Web site: www.integraph.com
Integra™ sells the Camino®, Licox® and Ventrix® lines of intracranial pressure monitoring systems. Also, Integra™ sells Integra Hydrocephalus Management products, the DuraGen™ Dural Graft Matrix, the NeuraGen™ Nerve Guide, the Selector® and CusaExcel™ Ultrasonic Aspirator, Mayfield® Surgical Devices, Integra Systems CSF Drainage and Cranial Access and Ruggles™ instruments for neurosurgery.

IEEE Engineering in Medicine and Biology Society
Booth #224
445 Hoes Lane
Piscataway, NJ 08854
United States
Phone: +1 732 465-6460
Web site: www.embs.org
The EMBS field of interest is the development and application of engineering concepts and methods to biology, medicine and health sciences to provide effective solutions to biological, medical, and healthcare problems. The field encompasses the development of mathematical theories, physical, biological and chemical principles, computational models and algorithms, devices and systems for clinical, industrial and educational applications.

InTouch Health
Booth #1118
90 Castilian Drive
Suite 100
Santa Barbara, CA 93117
United States
Phone: +1 805 562-8686
Web site: www.intouchhealth.com
InTouch Health’s Remote Presence Robotic Systems enable 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).

JAMA & Archives Journals
Booth #130
515 N. State Street
Chicago, IL 60654
United States
Phone: +1 312 464-5000
Web site: www.pubs.ama-assn.org
Kaiser Permanente - Southern California
Booth #549
393 E Walnut Street
Floor 5
Pasadena, CA 91106
United States
Phone: +1 800 541-7946
Web site: www.kp.org
Within The Southern California Permanente Medical Group (SCPMSG), physicians find recognition, stability, opportunity, and independence. The SCPMSG delivers: An enhanced compensation and benefits package, including potential partnership status after three years of practice. An integrated health care system emphasizing collaboration and decisions made by physicians. A long-standing history of stability.

KCI
Booth #376
8023 Vantage Drive
San Antonio, TX 78250
United States
Phone: +1 888 275-4524
Web site: www.kci.com
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.
**NEW EXHIBITOR**

**Lantheus Medical Imaging, Inc.**  
Booth #440  
331 Treble Cove Road  
North Billerica, MA 01862  
United States  
Phone: +1 800 862-2668  
Web site: www.lantheus.com  

Lantheus Medical Imaging, Inc., a worldwide leader in diagnostic medicine, is dedicated to creating and providing pioneering medical imaging solutions to improve treatment of human disease. Lantheus has more than 600 employees worldwide with headquarters in North Billerica, Massachusetts, and offices in Puerto Rico, Canada and Australia. For more information, visit www.lantheus.com.

**Legacy Health**  
Booth #1119  
11201 NW 20th Street  
Suite 111  
Portland, OR 97220  
United States  
Phone: +1 503 415-5982  
Web site: www.legacyhealth.org  

Legacy Health is an Oregon-based not-for-profit corporation and with more than 9,500 employees, is one of the largest private sector employers in the Portland/Vancouver metropolitan area. Legacy provides an integrated network of healthcare services, including acute and critical care, inpatient and outpatient treatment and a variety of specialty services.

**LiDCO LTD**  
Booth #231  
Unit M, South Cambridge Business Park  
Babraham Road Sawston  
Cambridge, CB2 3JH  
United Kingdom  
Phone: +44 1223 830666  
Web site: www.lidco.com  

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 SVW). The company also offers the LiDCORapid™ Hemodynamic Monitor which is designed to facilitate fast and effective fluid management across the perioperative environment.

**McMahon Publishing Group**  
Booth #336  
545 W 45th Street  
Floor 8  
New York, NY 10036  
United States  
Phone: +1 212 957-5300  
Web site: www.mcmahonmed.com  

McMahon Publishing addresses the critical care audience through the following monthly #1 read publications: Anesthesiology News, General Surgery News, and Pharmacy Practice News.

**Medical Decisions Network**  
Booth #223  
2000 Holiday Drive  
Charlottesville, VA 22901  
United States  
Phone: +1 434 971-7953  
Web site: www.mdinotices.net  

GlucoStabilizer insulin dosing software standardizes the way insulin is dosed without interpretation and frees you from the FEAR of hypoglycemia, time-consuming calculation STEPS and frequent MISTAKES commonly associated with paper Protocols. ICUTracker delivers the information needed to measure, analyze and improve; clinical outcomes; performance on key quality indicators; regulatory adherence; resource utilization; protocol effectiveness; financial efficiencies; and Pay-for-Performance efforts.

**Maquet, Inc.**  
Booth #1219  
45 Barbour Pond Drive  
Wayne, NJ 07470  
United States  
Phone: +1 888 627-8383  
Web site: www.maquetusa.com  

MAQUET SERVO ventilators are known worldwide for performance, reliability, and adaptability. Neonatal to adult, the SERVO-i can be used for transport, Heliox treatments, and conditionally in the MR environment. The platform offers all conventional modes of ventilation, capnography, and the revolutionary NAVA technology (Neurally Adjusted Ventilatory Assist).

**Masimo**  
Booth #1128  
40 Parker  
Irvine, CA 92618  
United States  
Phone: +1 949 297-7000  
Web site: www.masimo.com  

Masimo—a global medical technology company that develops and manufactures innovative noninvasive technologies, medical devices and sensors that may enable earlier detection and treatment of potentially life-threatening conditions—offers numerous award-winning patient monitoring solutions, including Masimo SET®, Masimo Rainbow SET® noninvasive and continuous hemoglobin (SpHb®), acoustic respiration rate (RRa™), and Masimo Patient SafetyNet™.

**Medivance**  
Booth #521  
321 S Taylor Avenue Unit 200  
Louisville, CO 80027  
United States  
Phone: +1 877 267-2314  
Web site: www.medivance.com  

The Arctic Sun® by Medivance® is the Targeted Temperature Management™ system of choice in top hospitals around the world. The non-invasive technology rapidly achieves target temperature and maintains prescribed temperature with precision. Normothermia and hypothermia protocols can be preprogrammed in the device to ensure safe and consistent delivery of therapy.

**Mirador Biomedical Inc.**  
Booth #1338  
2815 Eastside Ave E Suite 300  
Seattle, WA 98102  
United States  
Phone: +1 206 336-5621  
Web site: www.miradorbiomedical.com  

Mirador Biomedical is developing the innovative Compass™ family of disposable medical devices to alleviate doubt and uncertainty during critical medical procedures. The first products in the family, the Compass™ vascular access and the Compass™ lumbar puncture are for use in central line procedures and spinal taps, respectively.

**Nestlé Healthcare Nutrition**  
Booth #531  
12 Veeland Road  
Florham Park, NJ 07932  
United States  
Phone: +1 973-593-7500  
Web site: www.nestlenutrition.com/us  

Nestlé Healthcare Nutrition, a division of the world’s largest food company, is a pioneer in health science nutrition. Nestlé Nutrition blends its knowledge of nutrition and science to meet the nutritional needs of acute and critically ill patients with brands like PEPtAmen® Complete Elemental Nutrition and IMPACT™ Specialized Medical Nutrition for Surgical and Trauma Patients.

**NeurOptics, Inc.**  
Booth #437  
2002 Michellean Drive  
Suite 450  
Irvine, CA 92612  
United States  
Phone: +1 949 250-9792  
Web site: www.neuroptics.com  

NeurOptics, Inc. is a global medical technology company that develops and manufactures innovative and non-invasive patient monitoring technologies to facilitate medical decision making and enable clinical research. The NeurOptics® NPI™-100 pupilometer is a hand-held, cordless and simple to use device which removes subjectivity in the measurement of the pupillary light reflex.

---

**Lippincott, Williams and Wilkins - Wolters Kluwer Health**  
Booth #321  
Two Commerce Square  
2001 Market Street  
Philadelphia, PA 19103  
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.
**NEW EXHIBITOR**

**Nihon Kohden America**

Booth #444
90 Icon
Foothill Ranch, CA 92610
United States
Phone: +1 800 325-0283
Web site: www.nkusa.com/monitoring

Nihon Kohden America displays their Enterprise Monitoring Solutions, including the Prefense™ Early Detection and Notification System™ designed to continuously monitor at-risk patients, not just those in conventionally monitored areas such as critical care or telemetry.

**Nova Biomedical**

Booth #1333
200 Prospect Street
Waltham, MA 02453
United States
Phone: +1 800 458-5813
Web site: www.novabiomedical.com

Nova StatStrip® glucose test strips feature new Multi-Well™ technology that eliminates interference from hematocrit, maltose, oxygen, acetaldehyde, 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.

**Ocean State Clinical Coordinating Center**

Booth #1320
593 Eddy Street
P.O. Box 330
Rhode Island Hospital
Providence, RI 02903
United States
Phone: +1 401 444-1488
Web site: www.healthyri.org/services/osccc

The function of the Ocean State Clinical Coordinating Center is to facilitate testing of new interventions and diagnostics, develop high quality protocols for the conduct of Phase II and Phase III clinical trials, generate consistent interpretation of enrollment criteria, and assure the accurate execution of clinical protocols.

**Omnetech**

Booth #117
92300 Overseas Highway
Suite 208
Jupiter, FL 33070
United States
Phone: +1 800 493-0911
Web site: www.omnetech.com

The industry-leading CAM Rescue Cath™ by Omnetech™ removes secretions, biofilm and clots from endotracheal tubes more effectively than by suctioning alone, without the need for saline instillation, tube exchange or reintubation. Removing partially obstructing endotracheal tube secretions reduces imposed work of breathing, which may also facilitate and expedite ventilator weaning.

**OptiScan Biomedical**

Booth #235
21021 Corsair Boulevard
Hayward, CA 94545
United States
Phone: +1 510 865-1196
Web site: www.optiscancorp.com

**Percussionaire Corp.**

Booth #439
PO Box 817
Sandpoint, ID 83864
United States
Phone: +1 208 283-2549 x161
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 burned and trauma) and the related IPV® devices. Also the Bronchotron™ high frequency transport device and the Oscillatron® which allows HFOV to be added to an existing ventilator. Please visit our booth to view our new product for home care. The HT™, Biphasic Universal portable Impulsator®.

**PharMEDium Services, LLC**

Booth #237
150 N Field Dr Ste 350
Lake Forest, IL 60045
United States
Phone: +1 847 457-2300
Web site: www.pharmedium.com

**Pfizer, Inc.**

Booth #1146
235 E 42nd St
New York, NY 10017
United States
Phone: +1 212 733-1000
Web site: www.pfizer.com

At Pfizer, we apply science and our global resources to improve health and well-being at every stage of life. Every day, Pfizer colleagues work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time.

**Philips VISICU**

Booth #728
217 E Redwood Street
Suite 1900
Baltimore, MD 21202
United States
Phone: +1 410 276-1960
Web site: www.visicu.com

Philips VISICU’s eICU® Program transforms the ICU using a proactive care model that addresses growing staff shortages. Through a blend of medicine with technology, the eICU care model leverages clinical expertise, demonstrated processes, and cutting-edge technology to improve critical care outcomes. At SCCM 2011, see the eICU Program along with other Philips Healthcare solutions in booth #728.

**Physio-Control**

Booth #1326
11811 Willows Road NE
Redmond, WA 98052
United States
Phone: +1 800 442-1142
Web site: www.physio-control.com

LIFEPAK® defibrillator/monitors and automated external defibrillators from Physio-Control set the standard for quality and reliability and are used by more physicians, hospitals and emergency medical services than any other brand. Physio-Control continues to lead the industry through innovation and advanced technology. For more information, visit our website at www.physio-control.com.

**Pronia Medical Systems**

Booth #1223
7527 Beechspring Farm Boulevard
Louisville, KY 40241
United States
Phone: +1 845 641-7621
Web site: www.proniamed.com

The GlucoCare IGC System™ by Pronia Medical Systems, LLC is an insulin dosing calculator designed to incorporate multiple clinically-proven safe algorithms. Two FDA approved protocols based on the “Yale protocol” are currently available (90-120 and 100-140mg/dl). An additional 120-160 mg/dl protocol will be available first quarter 2011.

**Pulsion Medical Inc.**

Booth #449
2445 Gateway Drive
Suite 110
Irving, TX 75063
United States
Phone: +1 214 446-8500
Web site: www.pulsion.com

Pulsion Medical Systems has become one of the worldwide leading specialists for intelligent diagnosis and therapy management systems dedicated to reducing hospital stay, patient mortality and associated treatment costs. The critical care business unit covering intensive care, operating theatres and ER departments focuses on the management of the cardiovascular and organ functions of the critically ill.

**Questcare Intensivists**

Booth #322
12221 Merit Drive
Suite 1610
Dallas, TX 75251
United States
Phone: +1 214 217-1900
Web site: www.questcare.com

The Intensivist program was implemented January 2010, and is comprised of fellowship trained, board-certified critical care and pulmonologists. As owners of the practice these physicians are motivated to grow their scope of services by providing 24/7 coverage and facilitating communication among primary care physicians, specialists, patients and their families.
Roche Diagnostics Corporation
Booth #528
9115 Hague Road
Indianapolis, IN 46256
United States
Phone: +1 317 521-2000
Web site: www.poc.roche.com
Visit booth 528 to learn how Roche Diagnostics provides innovative, customer driven Point-of-Care systems that enable healthcare professionals and clinicians improve patient safety, patient outcomes and workflow efficiency while maintaining regulatory compliance.

**NEW EXHIBITOR**

SAGE
Booth #419
2455 Teller Road
Thousand Oaks, CA 91320
United States
Phone: +1 805 410-7239
Web site: www.sagepub.com

Sage Products, Inc.
Booth #540
3909 Three Oaks Road
Cary, IL 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, Prevental® Pressure-Relieving Heel Protector, Toothette® Oral Care, Comfort Shield® Barrier Cloths and Sage® 2% Chlorhexidine Gluconate (CHG) Cloths.

Saunders/Mosby - Elsevier
Booth #327
3472 Stitcboro
Carlsbad, CA 92009
United States
Phone: +1 760 944-9906
Web site: www.springer.com
Springer is a leading international scientific publishing company, publishing more than 1,200 journals and 4,000 books per year. Visit Springer’s booth to see our new books in intensive care, critical care, and emergency medicine, and browse journals including Intensive Care Medicine and International Journal of Emergency Medicine.

**NEW EXHIBITOR**

SonoSite® is the world leader and specialist in hand-carried and mountable diagnostic ultrasound. Please visit SonoSite to learn more about bedside ultrasound products, work-flow solutions, and educational options and to listen to guest speakers as they share experiences that improve patient safety and outcomes while saving time and money.

**NEW EXHIBITOR**

Syncro Medical Innovations
Booth #1020
20 W Federal Street
Suite M5B
Youngstown, OH 44512
United States
Phone: +1 234 855-1605
Web site: www.sonomedical.com
Quick and Easy bedside placement of small bowel feeding tubes by physicians or nurses. No need for endoscopy, fluoroscopy, motility drugs or equipment. External magnet guides magnets on distal tip of tube to and through the pylorus. Only 1 final x-ray required. No need for NPO pre- and post surgery.

**NEW EXHIBITOR**

Teleflex Medical
Booth #1238
2917 Weck Drive
Durham, NC 27709
United States
Phone: +1 866 246-6990
Web site: www.teleflexmedical.com
Teleflex, through our Arrow, Rusch and Hudson RCI brand of products, is dedicated to partnering with healthcare providers to provide solutions that help minimize risk and maximize outcomes. 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 Intensivist Company
Booth #1336
820 Evergreen Avenue
Pittsburgh, PA 15209
United States
Phone: +1 800 555-2656
Web site: www.theintensivistcompany.com
The Intensivist Company is an ICU-centric services company. Our expertise is critical care. We develop, implement, staff, and manage Intensivist programs nationwide. The Intensivist Company provides the following services: Intensivist Billing; Intensivist Consulting, and Intensivist Recruiting.

**NEW EXHIBITOR**

SAGE
Booth #419
2455 Teller Road
Thousand Oaks, CA 91320
United States
Phone: +1 805 410-7239
Web site: www.sagepub.com

**NEW EXHIBITOR**

The Intensivist Group
Booth #1232
795 Ela Road
Suite 220
Lake Zurich, IL 60047
United States
Phone: +1 847 847-2194
Web site: www.theintensivistgroup.com
The Intensivist Group implements and manages ICU programs in community hospitals, delivering improved clinical outcomes for patients and reducing costs for hospitals. Our fast-growing company creates coveted jobs in community medicine with career development and advancement opportunities for intensivists committed to excellence in critical care medicine.

**NEW EXHIBITOR**

Thermo Fisher Scientific - B.R.A.H.M.S. Biomarkers
Booth #432
8365 Valley Pike
Middleton, WA 22645
United States
Phone: +1 540 869 8318
Web site: www.thermoscientific.com
Thermo Fisher Scientific’s Biomarker business develops biochemical tests used in hospitals and laboratories worldwide to assist physicians in the diagnosis and management of life-threatening diseases. Procalcitonin (PCT) is one FDA cleared assay used to aid in the risk assessment of critically ill patient professing to sepsis and septic shock.

Transonic Systems, Inc.
Booth #435
34 Dutch Mill Road
Ithaca, NY 14850
United States
Phone: +1 607 257-5300
Web site: www.transonic.com
Transonic Systems new COstatus® Hemodynamic Monitor measures cardiac output and blood volumes in critically ill patients. The set of hemodynamic parameters assist physicians in ICU and PICU treatment decisions. Using gold standard indicator dilution technology, COstatus® establishes a new benchmark for ICU diagnostics, especially for pediatrics.
As the evidence against invasive methods mounts there is an increasing need for an accurate, simple non-invasive method for measuring, monitoring and managing cardiovascular function. USCOM is rapidly being adopted in a wide variety of clinical applications from neonates through geriatrics with special application in guiding fluid management and sepsis.

**Vision-Sciences, Inc.**

Booth #1318  
40 Ramland Road S  
Suite 1  
Orangeburg, NY 10962  
United States  
Phone: +1 845 365-0600  
Web site: www.visionsciences.com

Vision-Sciences provides advanced flexible video and fiberoptic endoscopy systems, including the new BRS-5000 Flexible Bronchoscope, the first distal chip bronchoscope with the EndoSheath® Technology. EndoSheath® Bronchoscopy gives practitioners an “always ready: bronchoscope that utilizes the sterile, disposable EndoSheath® Technology, a protective barrier between the scope and patient. Rapid equipment turnaround, enhanced infection control, and less capital and service costs.

**Wolfe Tory Medical, Inc.**

Booth #834  
79 W 4500 S  
Suite 18  
Salt Lake City, UT 84107  
United States  
Phone: +1 801 281-3000  
Web site: www.wolfteorry.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.

**Z-Medica Corporation**

Booth #344  
4 Fairfield Boulevard  
Wallingford, CT 06492  
United States  
Phone: +1 203 294-0000  
Web site: www.z-medica.com

Z-Medica Corporation is the innovator and manufacturer of QuikClot® products for hemostasis. QuikClot® hemostatic dressings, are impregnated with kaolin, a naturally occurring mineral. This comprehensive line of products for hemostasis includes QuikClot® Hemostatic Formula™, QuikClot® Emergency Dressing™, QuikClot® Combat Gauze™, and QuikClot® Intervenional™.
<table>
<thead>
<tr>
<th>Company</th>
<th>Booth #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omneotech</td>
<td>117</td>
</tr>
<tr>
<td>Covidiem</td>
<td>118</td>
</tr>
<tr>
<td>Haemonetics Corporation</td>
<td>121</td>
</tr>
<tr>
<td>Advanced ICU Care Medical Group</td>
<td>123</td>
</tr>
<tr>
<td>Sentec, By Master Distributor Bemes, Inc.</td>
<td>124</td>
</tr>
<tr>
<td>JAMA &amp; Archives Journals</td>
<td>130</td>
</tr>
<tr>
<td>bioMérieux</td>
<td>218</td>
</tr>
<tr>
<td>Interrad Medical, Inc.</td>
<td>222</td>
</tr>
<tr>
<td>Medical Decisions Network</td>
<td>223</td>
</tr>
<tr>
<td>IEEE Engineering in Medicine &amp; Biology Society</td>
<td>224</td>
</tr>
<tr>
<td>VectraCor, Inc.</td>
<td>225</td>
</tr>
<tr>
<td>Canyon Pharmaceuticals</td>
<td>227</td>
</tr>
<tr>
<td>Sonarmed</td>
<td>228</td>
</tr>
<tr>
<td>American Thoracic Society</td>
<td>229</td>
</tr>
<tr>
<td>Crescendo Systems Corporation</td>
<td>230</td>
</tr>
<tr>
<td>LiDCO LTD</td>
<td>231</td>
</tr>
<tr>
<td>Springer</td>
<td>232</td>
</tr>
<tr>
<td>OptiScan Biomedical</td>
<td>235</td>
</tr>
<tr>
<td>Air National Guard</td>
<td>236</td>
</tr>
<tr>
<td>PharmMEDium Services, LLC</td>
<td>237</td>
</tr>
<tr>
<td>Astellas</td>
<td>238</td>
</tr>
<tr>
<td>Hutchinson Technology Incorporated</td>
<td>244</td>
</tr>
<tr>
<td>American College of Chest Physicians</td>
<td>317</td>
</tr>
<tr>
<td>American Association of Critical-Care Nurses</td>
<td>318</td>
</tr>
<tr>
<td>31st ISICEM (International Symposium on Intensive Care and Emergency Medicine)</td>
<td>319</td>
</tr>
<tr>
<td>Cogent Healthcare, Inc.</td>
<td>320</td>
</tr>
<tr>
<td>Lippincott, Williams and Wilkins - Wolters Kluer Health</td>
<td>321</td>
</tr>
<tr>
<td>Questcare Intensivists</td>
<td>322</td>
</tr>
<tr>
<td>Kadlec Regional Medical Center</td>
<td>324</td>
</tr>
<tr>
<td>Saunders/Mosby - Elsevier</td>
<td>327</td>
</tr>
<tr>
<td>Instrumentation Industries, Inc.</td>
<td>328</td>
</tr>
<tr>
<td>DAS Wealth Management Group of Wells Fargo Advisors</td>
<td>329</td>
</tr>
<tr>
<td>ICU Medical, Inc.</td>
<td>330</td>
</tr>
<tr>
<td>Air Force Reserve</td>
<td>331</td>
</tr>
<tr>
<td>AMT</td>
<td>335</td>
</tr>
<tr>
<td>McMahon Publishing Group</td>
<td>336</td>
</tr>
<tr>
<td>Veterans Affairs Office of Acquisition and Logistics</td>
<td>337</td>
</tr>
<tr>
<td>ELSO - Extracorporeal Life Support Organization</td>
<td>338</td>
</tr>
<tr>
<td>ECMO Advantage</td>
<td>339</td>
</tr>
<tr>
<td>Avalon Laboratories, LLC</td>
<td>340</td>
</tr>
<tr>
<td>Z-Medica Corporation</td>
<td>344</td>
</tr>
<tr>
<td>Hutchinson Technology Incorporated</td>
<td>349</td>
</tr>
<tr>
<td>Department of Veterans Affairs</td>
<td>350</td>
</tr>
<tr>
<td>Cincinnati Sub-Zero</td>
<td>417</td>
</tr>
<tr>
<td>Calmoseptine, Inc.</td>
<td>418</td>
</tr>
<tr>
<td>SAGE</td>
<td>419</td>
</tr>
<tr>
<td>Centurion Medical Products</td>
<td>420</td>
</tr>
<tr>
<td>Cumberland Medical</td>
<td>421</td>
</tr>
<tr>
<td>Cumberland Pharmaceuticals, Inc.</td>
<td>422</td>
</tr>
<tr>
<td>CompHealth</td>
<td>425</td>
</tr>
<tr>
<td>Cook Medical</td>
<td>427</td>
</tr>
<tr>
<td>Global Care Quest, a Division of KARL STORZ Endoscopy-America</td>
<td>429</td>
</tr>
<tr>
<td>Thermo Fisher Scientific - B.R.A.H.M.S. Biomarkers</td>
<td>432</td>
</tr>
<tr>
<td>Transonic Systems, Inc.</td>
<td>435</td>
</tr>
<tr>
<td>Borgess Health</td>
<td>436</td>
</tr>
<tr>
<td>NeurOptics, Inc.</td>
<td>437</td>
</tr>
<tr>
<td>B. Braun Medical Inc.</td>
<td>438</td>
</tr>
<tr>
<td>Percussionaire Corp.</td>
<td>439</td>
</tr>
<tr>
<td>Lanthues Medical Imaging, Inc.</td>
<td>440</td>
</tr>
<tr>
<td>Nihon Kohden America</td>
<td>444</td>
</tr>
<tr>
<td>Vapotherm, Inc.</td>
<td>450</td>
</tr>
<tr>
<td>GE Healthcare</td>
<td>518</td>
</tr>
<tr>
<td>Medivance</td>
<td>521</td>
</tr>
<tr>
<td>Roche Diagnostics Corporation</td>
<td>528</td>
</tr>
<tr>
<td>Nestlé Healthcare Nutrition</td>
<td>531</td>
</tr>
<tr>
<td>Hollister Incorporated</td>
<td>534</td>
</tr>
<tr>
<td>HRA Research</td>
<td>537</td>
</tr>
<tr>
<td>Integra</td>
<td>539</td>
</tr>
<tr>
<td>Sage Products, Inc.</td>
<td>540</td>
</tr>
<tr>
<td>Verathon Medical</td>
<td>542</td>
</tr>
<tr>
<td>Medelita</td>
<td>546</td>
</tr>
<tr>
<td>Kaiser Permanente - Southern California</td>
<td>549</td>
</tr>
<tr>
<td>Cerner Corporation</td>
<td>618</td>
</tr>
<tr>
<td>Daxor Corporation</td>
<td>628</td>
</tr>
<tr>
<td>Hamilton Medical, Inc.</td>
<td>630</td>
</tr>
<tr>
<td>Draeger Medical, Inc.</td>
<td>639</td>
</tr>
<tr>
<td>Cheetah Medical, Inc.</td>
<td>640</td>
</tr>
<tr>
<td>ESIQM</td>
<td>644</td>
</tr>
<tr>
<td>Society of Critical Care Medicine</td>
<td>645</td>
</tr>
<tr>
<td>Philips VISICU</td>
<td>728</td>
</tr>
<tr>
<td>KCI</td>
<td>736</td>
</tr>
<tr>
<td>Hospira</td>
<td>817</td>
</tr>
<tr>
<td>Bard Access Systems</td>
<td>828</td>
</tr>
<tr>
<td>Wolfe Tory Medical, Inc.</td>
<td>834</td>
</tr>
<tr>
<td>Abbott Nutrition</td>
<td>840</td>
</tr>
<tr>
<td>SonoSite</td>
<td>918</td>
</tr>
<tr>
<td>Bard Medical Division</td>
<td>928</td>
</tr>
<tr>
<td>Hill-Rom</td>
<td>934</td>
</tr>
<tr>
<td>iMDSoft</td>
<td>940</td>
</tr>
<tr>
<td>ConMed</td>
<td>1018</td>
</tr>
<tr>
<td>Syncro Medical Innovations</td>
<td>1020</td>
</tr>
<tr>
<td>CORPAK MedSystems</td>
<td>1022</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation Medication Delivery</td>
<td>1028</td>
</tr>
<tr>
<td>ZOLL Medical Corporation</td>
<td>1034</td>
</tr>
<tr>
<td>AdvanDx</td>
<td>1040</td>
</tr>
<tr>
<td>Carditronic, Inc.</td>
<td>1117</td>
</tr>
<tr>
<td>InTouch Health</td>
<td>1118</td>
</tr>
<tr>
<td>Legacy Health</td>
<td>1119</td>
</tr>
<tr>
<td>GAMBO</td>
<td>1121</td>
</tr>
<tr>
<td>Electromed, Inc.</td>
<td>1122</td>
</tr>
<tr>
<td>Cadwell Laboratories, Inc.</td>
<td>1123</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation</td>
<td>1124</td>
</tr>
<tr>
<td>MASIMO</td>
<td>1128</td>
</tr>
<tr>
<td>CliniComp, Intl.</td>
<td>1134</td>
</tr>
<tr>
<td>Eisai</td>
<td>1140</td>
</tr>
<tr>
<td>Pfizer</td>
<td>1146</td>
</tr>
<tr>
<td>USCOM</td>
<td>1217</td>
</tr>
<tr>
<td>Edwards Lifesciences</td>
<td>1218</td>
</tr>
<tr>
<td>Maquet, Inc.</td>
<td>1219</td>
</tr>
<tr>
<td>HRA Research</td>
<td>1221</td>
</tr>
<tr>
<td>Pronia Medical Systems</td>
<td>1223</td>
</tr>
<tr>
<td>CareFusion</td>
<td>1226</td>
</tr>
<tr>
<td>Aurora Health Care</td>
<td>1234</td>
</tr>
<tr>
<td>Teleflex Medical</td>
<td>1238</td>
</tr>
<tr>
<td>Vision-Sciences, Inc.</td>
<td>1318</td>
</tr>
<tr>
<td>Ocean State Clinical Coordinating Center</td>
<td>1320</td>
</tr>
<tr>
<td>Nova Biomedical</td>
<td>1325</td>
</tr>
<tr>
<td>Physio-Control</td>
<td>1326</td>
</tr>
<tr>
<td>The Intensivist Group</td>
<td>1329</td>
</tr>
<tr>
<td>Gulfcoast Ultrasound Institute</td>
<td>1331</td>
</tr>
<tr>
<td>ImaCor, Inc.</td>
<td>1332</td>
</tr>
<tr>
<td>The Intensivist Company</td>
<td>1336</td>
</tr>
<tr>
<td>Mirador Biomedical Inc.</td>
<td>1338</td>
</tr>
<tr>
<td>CAE Healthcare</td>
<td>1340</td>
</tr>
</tbody>
</table>
### PRODUCT CATEGORIES

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth #</th>
<th>Company</th>
<th>Booth #</th>
<th>Company</th>
<th>Booth #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Airway Management Products</strong></td>
<td></td>
<td><strong>Career Opportunities</strong></td>
<td></td>
<td><strong>Defibrillators</strong></td>
<td></td>
</tr>
<tr>
<td>Cook Medical Products</td>
<td>428</td>
<td>Advanced ICU Care Medical Group</td>
<td>123</td>
<td>Physio-Control</td>
<td>1326</td>
</tr>
<tr>
<td>Electromed, Inc.</td>
<td>1122</td>
<td>Air Force Reserve</td>
<td>331</td>
<td>ZOLL Medical Corporation</td>
<td>1034</td>
</tr>
<tr>
<td>Global Care Quest, a Division of KARL STORZ</td>
<td></td>
<td>Air National Guard</td>
<td>236</td>
<td><strong>Diagnostic AMI detection – Cardiac Electrical</strong></td>
<td></td>
</tr>
<tr>
<td>Endoscopy-America</td>
<td>429</td>
<td>Aurora Health Care</td>
<td>1234</td>
<td>Biomarker</td>
<td></td>
</tr>
<tr>
<td>Hill-Rom</td>
<td>934</td>
<td>Borgess Health</td>
<td>436</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrumentation Industries, Inc.</td>
<td>328</td>
<td>Cogent Healthcare</td>
<td>320</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Omnetech</td>
<td>117</td>
<td>CompHealth</td>
<td>427</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percussionaire Corp.</td>
<td>439</td>
<td>Department of Veterans Affairs</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sonarmed, Inc.</td>
<td>228</td>
<td>Kaiser Permanente - Southern California</td>
<td>549</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telexef</td>
<td>1238</td>
<td>Legacy Health</td>
<td>1119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Verathon Medical</td>
<td>542</td>
<td>Questcare Intensivists</td>
<td>322</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Anesthesia Systems</strong></td>
<td></td>
<td>The Intensivist Group</td>
<td>1232</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baxter Healthcare Corporation</td>
<td>1124</td>
<td><strong>Catheter Securement Devices</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>iMDsoft</td>
<td>940</td>
<td>AMT</td>
<td>335</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Apparel/Apparel Related</strong></td>
<td></td>
<td>Centurion Medical Products</td>
<td>420</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medelita</td>
<td>546</td>
<td><strong>Clinical Information/Data Management Systems</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On Call Medical Coats</td>
<td>645</td>
<td>ClinComp, Intl.</td>
<td>1134</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sonarmed, Inc.</td>
<td>228</td>
<td>Crescendo Systems Corporation</td>
<td>230</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Associations and Societies</strong></td>
<td></td>
<td>Endoscopy-America</td>
<td>429</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Association of Critical-Care Nurses</td>
<td>318</td>
<td>iMDsoft</td>
<td>940</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American College of Chest Physicians</td>
<td>317</td>
<td>Philips VISICU</td>
<td>728</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Thoracic Society</td>
<td>229</td>
<td>Roche Diagnostics Corporation</td>
<td>528</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELSO - Extracorporeal Life Support Organization</td>
<td>339</td>
<td><strong>Clinical Trial Support</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEEE Engineering in Medicine &amp; Biology Society</td>
<td>224</td>
<td>Ocean State Clinical Coordinating Center</td>
<td>1320</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bathing</strong></td>
<td></td>
<td><strong>Computers and Solutions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sage Products, Inc.</td>
<td>540</td>
<td>Cerner Corporation</td>
<td>618</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bedside and Portable Analyzers and Monitors</strong></td>
<td></td>
<td>ClinComp, Intl.</td>
<td>1134</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carditronic</td>
<td>1117</td>
<td>InTouch Health</td>
<td>1118</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hutchinson Technology - Incorporated</td>
<td>244, 359</td>
<td><strong>Computerized Insulin Dosing Software</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integra</td>
<td>539</td>
<td>Pronia Medical Systems</td>
<td>439</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NeurOptics, Inc.</td>
<td>437</td>
<td>Congress Organizer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roche Diagnostics Corporation</td>
<td>528</td>
<td>31st ISICEM (International Symposium on Intensive Care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wolfe Tory</td>
<td>834</td>
<td>and Emergency Medicine)</td>
<td>and Emergency Medicine)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Billing, Consulting &amp; Recruitment for Critical Care</strong></td>
<td></td>
<td><strong>Contrast Agents</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Intensivist Company</td>
<td>1336</td>
<td>Lantheus Medical Imaging, Inc.</td>
<td>440</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Biotechnology</strong></td>
<td></td>
<td><strong>Continuous Renal Replacement Therapy Equipment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEEE Engineering in Medicine &amp; Biology Society</td>
<td>224</td>
<td>B. Braun Medical Inc.</td>
<td>438</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thermo Fisher Scientific - B.R.A.H.M.S. Biomarkers</td>
<td>432</td>
<td>Gambro</td>
<td>1121</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blood Volume Analyzer</strong></td>
<td></td>
<td><strong>CPR Assist Devices</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daxor Corporation</td>
<td>628</td>
<td>Physio-Control</td>
<td>1326</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blood Glucose Monitoring</strong></td>
<td></td>
<td>CRRT Solutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospira</td>
<td>817</td>
<td>B. Braun Medical Inc.</td>
<td>438</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blood Gas Analyzers</strong></td>
<td></td>
<td>Critical Care Mobility Device</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nova Biomedical</td>
<td>1333</td>
<td>ECMO Advantage</td>
<td>338</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roche Diagnostics Corporation</td>
<td>528</td>
<td>Critical Care Practice Management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Books and Journals (Publishing)</strong></td>
<td></td>
<td>The Intensivist Group</td>
<td>1232</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Thoracic Society</td>
<td>229</td>
<td><strong>Curriculum</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEEE Engineering in Medicine &amp; Biology Society</td>
<td>224</td>
<td>CAE Healthcare</td>
<td>1340</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lippincott, Williams and Wilkins - Wolters Kluwer Health</td>
<td>321</td>
<td>Decision Support</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McMahon Publishing</td>
<td>336</td>
<td>iMDsoft</td>
<td>940</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saunders/Mosby - Elsevier</td>
<td>327</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springer</td>
<td>232</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Digital Dictation**

- Crescendo Systems Corporation 230
- Dressing/Procedure Kits/Trays
- Centurion Medical Products 420
- ECG Monitoring Device
- Physio-Control 1326
- VectorCor, Inc. 225
- ECMO Related Consulting, Staffing, Equipment
- Avalon Laboratories, LLC 340
- ECMO Advantage 338
- **ECOM™ Endotracheal Cardiac Output Monitoring**
- CONMED Corporation 1018
- Educational Resources
- American Association of Critical-Care Nurses 318
- ELSO - Extracorporeal Life Support Organization 339
- Gulfcoast Ultrasound Institute 1331
- Electronic Medical Records
- CliniComp, Intl. 1134
- Endoscopes with Slide-On EndoSheath Technology
- Vision-Sciences, Inc. 1318
- Endotracheal and Tracheal Tubes
- Hollister Incorporated 534
- Omnetech 117
- **Enteral Nutrition**
- Abbott Nutrition Booth 840
- Baxter Healthcare Corporation 1124
- Cook Medical Products 428
- Nestlé Nutrition 531
- Syncro Medical Innovations 1020
- **Glucose Benchmarking Reports**
- Pronia Medical Systems 439
- **Government Acquisition and Logistics**
- Veterans Affairs Office of Acquisition and Logistics 337
- **Feeding Tubes and Delivery**
- AMT 335
- CORPACK MedSystems 1022
- Hollister Incorporated 534
- Syncro Medical Innovations 1020
### PRODUCT CATEGORIES

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furniture</td>
<td>934</td>
</tr>
<tr>
<td>Hill-Rom</td>
<td>934</td>
</tr>
<tr>
<td>Group Practice</td>
<td>322</td>
</tr>
<tr>
<td>Questcare Intensivists</td>
<td>322</td>
</tr>
<tr>
<td>Healthcare Staffing</td>
<td>427</td>
</tr>
<tr>
<td>CompHealth</td>
<td>427</td>
</tr>
<tr>
<td>Heat Systems</td>
<td>1119</td>
</tr>
<tr>
<td>Legacy Health</td>
<td>1119</td>
</tr>
<tr>
<td>Heat Therapy/Hyper-Hypothermia Systems</td>
<td>1119</td>
</tr>
<tr>
<td>Cincinnati Sub-Zero</td>
<td>417</td>
</tr>
<tr>
<td>Medivance</td>
<td>521</td>
</tr>
<tr>
<td>Hemodynamic Monitoring Equipment</td>
<td>1117</td>
</tr>
<tr>
<td>Cardiotoric, Inc.</td>
<td>1117</td>
</tr>
<tr>
<td>Edwards LifeSciences</td>
<td>1218</td>
</tr>
<tr>
<td>Pulsion Medical Systems, Inc.</td>
<td>449</td>
</tr>
<tr>
<td>Transonic Systems, Inc.</td>
<td>435</td>
</tr>
<tr>
<td>USCOM</td>
<td>1217</td>
</tr>
<tr>
<td>Hemofilters and Hemofiltration</td>
<td>1121</td>
</tr>
<tr>
<td>Gambro</td>
<td>1121</td>
</tr>
<tr>
<td>Hemostatic Agents</td>
<td>250</td>
</tr>
<tr>
<td>Z-Medica Corporation</td>
<td>344</td>
</tr>
<tr>
<td>High Flow Therapy</td>
<td>450</td>
</tr>
<tr>
<td>Vapotherm, Inc.</td>
<td>450</td>
</tr>
<tr>
<td>Home Healthcare Products</td>
<td>1122</td>
</tr>
<tr>
<td>Electromed, Inc.</td>
<td>1122</td>
</tr>
<tr>
<td>Holter Equipment</td>
<td>225</td>
</tr>
<tr>
<td>VectraCor, Inc.</td>
<td>225</td>
</tr>
<tr>
<td>ICU Management Solutions</td>
<td>123</td>
</tr>
<tr>
<td>Advanced ICU Care Medical Group</td>
<td>123</td>
</tr>
<tr>
<td>ICU Program Development</td>
<td>123</td>
</tr>
<tr>
<td>The Intensivist Group</td>
<td>1232</td>
</tr>
<tr>
<td>Infection Control Products</td>
<td>1028</td>
</tr>
<tr>
<td>Bard Access Systems</td>
<td>1028</td>
</tr>
<tr>
<td>Bard Medical Division</td>
<td>1028</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation Medication Delivery</td>
<td>1028</td>
</tr>
<tr>
<td>Centurion Medical Products</td>
<td>420</td>
</tr>
<tr>
<td>Hollister Incorporated</td>
<td>534</td>
</tr>
<tr>
<td>Sage Products, Inc.</td>
<td>540</td>
</tr>
<tr>
<td>Teleflex</td>
<td>1238</td>
</tr>
<tr>
<td>Infectious Disease Diagnostic Test Kits</td>
<td>1010</td>
</tr>
<tr>
<td>AdvanDx</td>
<td>1010</td>
</tr>
<tr>
<td>bioMerieux</td>
<td>236</td>
</tr>
<tr>
<td>Thermo Fisher Scientific - B.R.A.H.M.S. Biomarkers</td>
<td>432</td>
</tr>
<tr>
<td>Information Services</td>
<td>618</td>
</tr>
<tr>
<td>Cerner Corporation</td>
<td>618</td>
</tr>
<tr>
<td>Infusion Pump</td>
<td>618</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation Medication Delivery</td>
<td>1028</td>
</tr>
<tr>
<td>CareFusion</td>
<td>1226</td>
</tr>
<tr>
<td>Insulin Dosing Software</td>
<td>1226</td>
</tr>
<tr>
<td>Pronia Medical Systems</td>
<td>439</td>
</tr>
<tr>
<td>Intervention Patient Hygiene</td>
<td>439</td>
</tr>
<tr>
<td>Sage Products, Inc.</td>
<td>540</td>
</tr>
<tr>
<td>Intravascular Temperature Management</td>
<td>1034</td>
</tr>
<tr>
<td>ZOLL Medical Corporation</td>
<td>1034</td>
</tr>
<tr>
<td>Invasive Pressure Monitoring Equipment and Catheters</td>
<td>1338</td>
</tr>
<tr>
<td>Mirador Biomedical Inc.</td>
<td>1338</td>
</tr>
<tr>
<td>IV Arterial/Venous Catheters</td>
<td>1338</td>
</tr>
<tr>
<td>Bard Access Systems</td>
<td>828</td>
</tr>
<tr>
<td>Telexel</td>
<td>1238</td>
</tr>
<tr>
<td>Market Research</td>
<td>517</td>
</tr>
<tr>
<td>HRA Research</td>
<td>1221</td>
</tr>
<tr>
<td>Minimally Invasive Cardiac Monitoring</td>
<td>1218</td>
</tr>
<tr>
<td>Edwards Lifesciences</td>
<td>1218</td>
</tr>
<tr>
<td>Transonic Systems, Inc.</td>
<td>435</td>
</tr>
<tr>
<td>Neurological Monitoring Systems</td>
<td>1123</td>
</tr>
<tr>
<td>Cadwell Laboratories, Inc.</td>
<td>1123</td>
</tr>
<tr>
<td>Integra</td>
<td>539</td>
</tr>
<tr>
<td>Noninvasive Monitoring</td>
<td>1117</td>
</tr>
<tr>
<td>Cardiotoric, Inc.</td>
<td>1117</td>
</tr>
<tr>
<td>Cadwell Laboratories, Inc.</td>
<td>1123</td>
</tr>
<tr>
<td>Hutchinson Technology Incorporated</td>
<td>244, 359</td>
</tr>
<tr>
<td>NeurOptics, Inc.</td>
<td>437</td>
</tr>
<tr>
<td>USCOM</td>
<td>1217</td>
</tr>
<tr>
<td>Wolfe Tony</td>
<td>834</td>
</tr>
<tr>
<td>Parenteral Nutrition</td>
<td>1123</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation Medication Delivery</td>
<td>1028</td>
</tr>
<tr>
<td>Patient Monitoring System</td>
<td>1123</td>
</tr>
<tr>
<td>Cadwell Laboratories, Inc.</td>
<td>1123</td>
</tr>
<tr>
<td>Hutchinson Technology Incorporated</td>
<td>244, 359</td>
</tr>
<tr>
<td>NeurOptics, Inc.</td>
<td>437</td>
</tr>
<tr>
<td>Philips VISICU</td>
<td>728</td>
</tr>
<tr>
<td>Pulsion Medical Systems, Inc.</td>
<td>449</td>
</tr>
<tr>
<td>Sonarmed, Inc.</td>
<td>228</td>
</tr>
<tr>
<td>Transonic Systems, Inc.</td>
<td>435</td>
</tr>
<tr>
<td>Wolfe Tony</td>
<td>834</td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td>1124</td>
</tr>
<tr>
<td>Baxter Healthcare Corporation</td>
<td>1124</td>
</tr>
<tr>
<td>Canyon Pharmaceutical</td>
<td>227</td>
</tr>
<tr>
<td>Cumberland Medical</td>
<td>421</td>
</tr>
<tr>
<td>Cumberland Pharmaceuticals, Inc.</td>
<td>422</td>
</tr>
<tr>
<td>Daxor Corporation</td>
<td>628</td>
</tr>
<tr>
<td>Hospira</td>
<td>817</td>
</tr>
<tr>
<td>Lanthemus Medical Imaging, Inc.</td>
<td>440</td>
</tr>
<tr>
<td>Pfizer</td>
<td>1146</td>
</tr>
<tr>
<td>Physician Recruitment</td>
<td>427</td>
</tr>
<tr>
<td>CompHealth</td>
<td>427</td>
</tr>
<tr>
<td>Questcare Intensivists</td>
<td>322</td>
</tr>
<tr>
<td>Southern California Permanente Medical Group</td>
<td>549</td>
</tr>
<tr>
<td>Portable Ultrasound</td>
<td>828</td>
</tr>
<tr>
<td>Bard Access Systems</td>
<td>828</td>
</tr>
<tr>
<td>GulfCoast Ultrasound Institute</td>
<td>1351</td>
</tr>
<tr>
<td>SonoSite, Inc.</td>
<td>918</td>
</tr>
<tr>
<td>Verathon Medical</td>
<td>542</td>
</tr>
<tr>
<td>Professional Practice Guidelines</td>
<td>339</td>
</tr>
<tr>
<td>American Association of Critical-Care Nurses</td>
<td>318</td>
</tr>
<tr>
<td>American College of Chest Physicians</td>
<td>317</td>
</tr>
<tr>
<td>ELSO - Extracorporeal Life Support Organization</td>
<td>339</td>
</tr>
<tr>
<td>Publishing</td>
<td>327</td>
</tr>
<tr>
<td>Saunders/Mosby – Elsevier</td>
<td>327</td>
</tr>
<tr>
<td>Respiratory Care Devices</td>
<td>1226</td>
</tr>
<tr>
<td>CareFusion</td>
<td>1226</td>
</tr>
<tr>
<td>Electromed, Inc.</td>
<td>1122</td>
</tr>
<tr>
<td>Hamilton Medical, Inc.</td>
<td>630</td>
</tr>
<tr>
<td>Instrumentation Industries, Inc.</td>
<td>328</td>
</tr>
<tr>
<td>Maquet, Inc.</td>
<td>1219</td>
</tr>
<tr>
<td>Omneotech</td>
<td>117</td>
</tr>
<tr>
<td>Percussionaire Corp.</td>
<td>439</td>
</tr>
<tr>
<td>Sonarmed, Inc.</td>
<td>228</td>
</tr>
<tr>
<td>Robotics</td>
<td>1118</td>
</tr>
<tr>
<td>InTouch Health</td>
<td>1118</td>
</tr>
<tr>
<td>Security Devices</td>
<td>335</td>
</tr>
<tr>
<td>AMT</td>
<td>335</td>
</tr>
<tr>
<td>Intermad Medical, Inc.</td>
<td>222</td>
</tr>
<tr>
<td>Simulators</td>
<td>1340</td>
</tr>
<tr>
<td>CAE Healthcare</td>
<td>1340</td>
</tr>
<tr>
<td>Skin Protection Products</td>
<td>418</td>
</tr>
<tr>
<td>Calmoseptine, Inc.</td>
<td>418</td>
</tr>
<tr>
<td>Telemedicine</td>
<td>728</td>
</tr>
<tr>
<td>Advanced ICU Care Medical Group</td>
<td>123</td>
</tr>
<tr>
<td>Cerner Corporation</td>
<td>618</td>
</tr>
<tr>
<td>Global Care Quest, a Division of KARL STORZ</td>
<td>429</td>
</tr>
<tr>
<td>Endoscopy-America</td>
<td>429</td>
</tr>
<tr>
<td>InTouch Health</td>
<td>1118</td>
</tr>
<tr>
<td>Philips VISICU</td>
<td>728</td>
</tr>
<tr>
<td>Temperature Management Systems</td>
<td>928</td>
</tr>
<tr>
<td>Bard Medical Division</td>
<td>928</td>
</tr>
<tr>
<td>Cincinnati Sub-Zero</td>
<td>417</td>
</tr>
<tr>
<td>Medivance</td>
<td>521</td>
</tr>
<tr>
<td>ZOLL Medical Corporation</td>
<td>1034</td>
</tr>
<tr>
<td>Thoracic Drainage Devices</td>
<td>1304</td>
</tr>
<tr>
<td>Cook Medical Products</td>
<td>428</td>
</tr>
<tr>
<td>Training Solutions</td>
<td>428</td>
</tr>
<tr>
<td>CAE Healthcare</td>
<td>1340</td>
</tr>
<tr>
<td>Urinary Catheters and Drainage Systems</td>
<td>928</td>
</tr>
<tr>
<td>Bard Medical Division</td>
<td>928</td>
</tr>
<tr>
<td>Ventilators</td>
<td>1226</td>
</tr>
<tr>
<td>CareFusion</td>
<td>1226</td>
</tr>
<tr>
<td>Hamilton Medical, Inc.</td>
<td>630</td>
</tr>
<tr>
<td>Maquet, Inc.</td>
<td>1219</td>
</tr>
<tr>
<td>Percussionaire Corp.</td>
<td>439</td>
</tr>
<tr>
<td>Venous Access</td>
<td>329</td>
</tr>
<tr>
<td>Cook Medical Products</td>
<td>428</td>
</tr>
<tr>
<td>Video Laryngoscopes</td>
<td>542</td>
</tr>
<tr>
<td>Verathon Medical</td>
<td>542</td>
</tr>
<tr>
<td>Voice Recognition Services</td>
<td>230</td>
</tr>
<tr>
<td>Crescendo Systems Corporation</td>
<td>230</td>
</tr>
<tr>
<td>Wealth Planning</td>
<td>329</td>
</tr>
<tr>
<td>DAS Wealth Management Group</td>
<td>539</td>
</tr>
<tr>
<td>of Wells Fargo Advisors</td>
<td>329</td>
</tr>
<tr>
<td>Wound Care Products</td>
<td>1020</td>
</tr>
<tr>
<td>Calmoseptine, Inc.</td>
<td>418</td>
</tr>
<tr>
<td>Integra</td>
<td>339</td>
</tr>
<tr>
<td>Syncro Medical Innovations</td>
<td>1020</td>
</tr>
</tbody>
</table>

---

**Note:** The table above lists various companies and their respective booths at the 40th Critical Care Congress Program. For more detailed information, please refer to the full list of exhibitors and their offerings.
SCCM’S 2011 CONTINUING EDUCATION COURSES

Continuing Education
YOUR PROFESSION REQUIRES IT; YOUR PATIENTS DEPEND ON IT

As the only multiprofessional organization devoted to advancing the practice of critical care, the Society of Critical Care Medicine (SCCM) provides quality, relevant continuing education resources and training for the entire critical care team. All of SCCM’s continuing education opportunities are designed to help you continuously improve your practice and your patients’ outcomes. Learn about SCCM’s 2011 lineup of live continuing education activities on pages 111-117.

CONTINUING EDUCATION CREDIT

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 other healthcare professionals based on the target audience of the program.

Live Webcasts

SCCM’s 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 their hospitals, offices or homes. At the completion of each lecture, attendees will have the opportunity to participate in an interactive question and answer session with the distinguished faculty. Each webcast provides 1.5 hours of continuing education credits.

Visit www.sccm.org/webcasts for more details.

- Fundamentals of Neurological Assessment in the ICU
  February 2011
- Sedation and Delirium in the ICU
  March 2011
- Extended Dialysis for the Treatment of Acute Kidney Injury in the ICU Patient
  April 2011
- Appropriate Use Criteria for Echocardiography Guidelines
  May 2011
- Emerging Antithrombotic Agents: What the Intensivist Needs to Know
  June 2011
- Post-Intensive Care Syndrome (PICS) and the Long-Term Effects on the ICU Patient
  September 2011
- Early Mobilization: Does It Really Improve Functional Outcomes in the Critically Ill Patient?
  October 2011
- Future of Critical Care Nutrition Therapy
  November 2011
- Organ Donation Guidelines
  December 2011
Overview
Acute kidney injury (AKI) occurs in approximately 67% of intensive care unit (ICU) admissions annually and is associated with an increased risk for hospital mortality. The syndrome is generally defined as an abrupt and sustained decrease in kidney function and treatment is complex. During this conference, an interdisciplinary team of experts will provide the latest research and information about AKI. Topics to be covered include the pathophysiology, epidemiology and prevention of AKI, drug and non-drug therapies, nutrition support, and best practice guidelines. Participants will have the opportunity to discuss case studies and review practical applications of continuous renal replacement therapy (CRRT) techniques with the faculty during workshop sessions.

Learning Objectives
At the conclusion of this course, participants should be able to:
• Discuss the pathophysiology, epidemiology and prevention of AKI
• Identify early signs of renal impairment based on laboratory and diagnostic tools and procedures
• Compare drug and non-drug therapies for AKI
• Debunk myths about the best treatment methodologies for the correction and/or stabilization of renal function in the ICU patient
• Discuss practical aspects of renal replacement therapy (RRT)

Intended Audience
This program is intended for clinicians who have responsibility for the pharmacologic management and evaluation of critically ill or injured patients. These clinicians include the following:
• Advanced Practice Nurses
• ICU Support Team Members
• Pharmacists
• Physician Assistants
• Physicians
• Registered Professional Nurses
• Respiratory Therapists

Visit www.sccm.org/clinicalfocus for more details.
Overview

Time is muscle when cardiac complications arise in critically ill or injured patients. Clinicians must possess the knowledge required to provide high quality care to patients with life-threatening cardiac conditions. During this conference, expert faculty will discuss effective management and treatment strategies for cardiac complications, and will provide the latest information pertaining to medications and dosing for specific cardiac disease processes.

Learning Objectives

At the conclusion of this course, participants should be able to:

- Identify intensive care unit (ICU) patients most at risk for acute cardiac complications in a number of settings
- Distinguish among different heart failure syndromes and tailor therapy appropriately, including both medical and surgical options
- Review the pathophysiology and management of acute coronary syndromes
- Review the pathophysiology of pulmonary hypertension and its treatment, particularly in the setting of concomitant left heart disease
- Learn about indications for and complications of ventricular assist devices and extracorporeal support, with practical advice on initiating a program and troubleshooting devices
- Identify the latest information on medications and dosing for specific cardiac disease processes

Intended Audience

This program is intended for clinicians who are working in the ICU or who have an interest in learning more about assessing, diagnosing, treating, and monitoring the patient with cardiac problems. These clinicians include the following:

- Nurse Practitioners
- Nurse Specialists
- Pharmacists
- Physician Assistants
- Physicians
- Respiratory Therapists
- Staff ICU Nurses

Visit www.sccm.org/acutecardiaccare for more details.

Find Out Why the World Is in Love with Banff

A visit to the town of Banff offers the chance to experience the spectacular Canadian Rocky Mountains, glacier-fed lakes, wildlife, and small town charm. This authentic mountain community offers a great diversity of year-round shopping, dining and nightlife in addition to rugged outdoor activities and cultural events. The summer is a wonderful time to take advantage of Banff's array of exciting outdoor activities including golf, glacier touring, river rafting, horseback riding, cycling, and fishing. Located 90 miles from Calgary and just a short trip to the mountain areas of Lake Louise, Kananaskis Country and Canmore, Banff is considered one of the most precious, protected places in the world.
**Fundamentals of Critical Care Ultrasound**

August 18-19, 2011
Fairmont Chicago
Millennium Park Hotel
Chicago, Illinois, USA

**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 increasingly in demand because of equipment portability, ease of use and ability to provide immediate, accurate evaluations. Ultrasound also has become popular 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 common critical care cases and how to guide treatment based on your findings.

**Course Description**
This two-day course is designed for clinicians who are new to the world of ultrasound and will focus on four key areas:
1. Fundamental ultrasound knowledge
2. Acquisition of high-quality images
3. Image interpretation and utilization of ultrasound as a diagnostic tool
4. Basic knowledge of vascular access, diagnosis of deep venous thrombosis and Focused Assessment Sonography for Trauma (FAST) Exam

**Learning Objectives**
At the conclusion of this course, participants should be able to:
- Describe the basic principles of ultrasound technology
- Identify the basic knobs and operation of an ultrasound machine
- Describe patient positioning, transducer position and image orientation for different echocardiographic windows
- Acquire basic two-dimensional windows
- Perform a focused echocardiographic exam
- Discuss basic assessment of left and right ventricular systolic function (qualitative assessment)
- Describe cardiac output measurement and the basic evaluation of tamponade physiology
- Assess for hypovolemia and fluid responsiveness
- Examine differences in various causes of shock
- Describe and demonstrate the various techniques of vascular access
- Review the criteria for ultrasound diagnosis of venous thrombosis
- Discuss the usage of lung ultrasound for the diagnosis or exclusion of pneumothorax and drainage of pleural effusion

**Intended Audience**
- Advanced Nurse Practitioners
- Anesthesiologists
- Cardiologists
- Emergency Physicians
- Intensivists
- Physician Assistants
- Surgeons

Visit [www.sccm.org/ultrasound](http://www.sccm.org/ultrasound) for more details.
NEW IN 2011
Advanced Ultrasound

August 20, 2011
Fairmont Chicago
Millennium Park
Hotel
Chicago, Illinois, USA

Course Description
This one-day course is for physicians who want to expand upon their fundamental echocardiographic skills and knowledge and focus on the specialty-specific use of echocardiography in the management of the critically ill patient. The focus of this course will be on hemodynamics; it will provide clinicians with important cardiovascular information for the noninvasive management of the hemodynamically unstable patient.

Learning Objectives
At the conclusion of this course, participants should be able to:
• Describe the use of echocardiography in the assessment of hemodynamic parameters (central venous pressure, pulmonary artery pressures)
• Perform the quantitative assessment of left ventricular systolic function
• Recognize regional wall motion abnormalities
• Describe the basic assessment of valvular pathology (qualitative assessment)
• Identify the limitation of echocardiography in the ICU setting
• Describe the use of ultrasonography for evaluation of pulmonary edema

Intended Audience*
• Advanced Nurse Practitioners
• Anesthesiologists
• Cardiologists
• Emergency Physicians
• Intensivists
• Physician Assistants
• Surgeons
* Must have previously attended a fundamental ultrasound course or be experienced with the basic skills

Visit www.sccm.org/ultrasound for more details.
Overview

The 2011 Adult Multiprofessional Critical Care Board Review Course (MCCBRC) will provide the most comprehensive review in the diagnosis, monitoring and management of critically ill patients. This course 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 course also will provide an excellent update for any critical care professional seeking the most current review of the field.

Learning Objectives

At the conclusion of this course, participants should be able to:

• Use course information to improve test scores for board certification or recertification in critical care medicine

• Apply relevant basic knowledge to the clinical setting

• Identify recent advances in the management of critical care patients

• Discuss current approaches to improving the quality of care provided in the intensive care unit (ICU)

Intended Audience

This course is designed as a comprehensive review in the diagnosis, monitoring and management of the critically ill patient as well as to provide preparation for the critical care subspecialty examination. This continuing education offering is intended to meet the needs of any healthcare provider involved in the care of critically ill patients including:

• Advanced Practice Nurses

• Anesthesiologists

• Critical Care Fellows

• Critical Care Nurses

• Intensivists

• Internists

• Osteopaths

• Pharmacists

• Physician Assistants

• Respiratory Therapists

• Surgeons
SCCM’S 2011 CONTINUING EDUCATION COURSES

Topics

• Acute Renal Failure: Diagnosis and Management
• Acute Respiratory Distress Syndrome
• Airway Management in the ICU
• Analysis and Therapy of Supraventricular Arrhythmias
• Antibacterial and Antiviral Therapy
• Bleeding and Coagulation Disorders
• Blunt Trauma to Chest
• Cardiac Resuscitation
• Case Vignettes: Management of Complicated Stem Cell Recipients
• Cases You Should Know How to Manage
• Community-Acquired Pneumonia: Cases You Should Know
• Complex Acid-Base Disorders
• Complications of Hematopoietic Stem Cell Transplantation
• Congestive Heart Failure: Pathophysiology; Acute and Chronic Management
• Death by Neurologic Criteria
• Delirium in the ICU: Causes and Management
• Difficult Ventilator Management Problems
• Drug Overdoses
• Electrolyte Emergencies
• Endocrine Emergencies
• Ethical Dilemmas in the ICU
• Fulminant Hepatic Failure and Variceal Bleeding: Current Management
• Fungal Disease in the ICU
• Hemodynamic Monitoring
• How to Prepare for Certification and Recertification
• Hyperglycemic Syndromes and Lactic Acidosis
• Hypertensive Emergencies
• Hypothermia and Hyperthermia
• Intracranial Hypertension
• Life-Threatening Bronchospasm
• Line Sepsis: Prevention and Management
• Management of Severe Stroke and Subarachnoid Hemorrhage
• Mechanical Ventilation: Nomenclature and Physiology
• Mechanical Ventilation: Ventilator Options
• Mechanical Ventilation: Management of Acute Respiratory Failure
• Neuromuscular Respiratory Failure
• Noninvasive Ventilation: What Is the Role in the ICU?
• Non-ST Elevation Myocardial Infarctions
• Nutrition Support for the Critically Ill and Injured Patient
• Obstetrical Emergencies
• Overview of Infectious Diseases You Should Know
• Pancreatitis: Medical and Surgical Management
• Prevention of Gastrointestinal Bleeding in the ICU
• Prevention of Nosocomial Infection in the ICU
• Rhythm Recognition and Review
• Sedation and Analgesia: Practical Drug Selection and Pharmacology
• Septic Shock
• Shock: Overview
• ST Elevation Myocardial Infarctions
• Stabilization of the Trauma Patient
• Status Epilepticus
• Ten Frequent Errors in the Evaluation and Management of Pulmonary Emboli

Invited Faculty

Richard G. Barton, MD
Richard Childs, MD
R. Phillip Dellinger, MD, FCCM
John P. DiMarco, MD, PhD
E. Wesley Ely, MD, FCCM
Robert Fontana, MD
James A. Kruse, MD
Pamela A. Lipsett, MD, FCCM
Neil R. Maclntyre, MD
Aldo J. Peixoto, MD
Marc J. Shapiro, MD, FCCM
Antoinette Spevetz, MD, FCCM
Anthony F. Suffredini, MD, FCCM
Robert D. Truog, MD, FCCM
Stephen Trzeciak, MD
Robert A. Weinstein, MD
Steven W. Werns, MD
Jeanine P. Wiener-Kronish, MD
Janice L. Zimmerman, MD, FCCM

Visit www.sccm.org/boardreview for more details.
The World Society of the Abdominal Compartment Syndrome (WSACS) is excited to bring the Fifth World Congress on the Abdominal Compartment Syndrome (WCACS) to North America in 2011. With the phenomenal backdrop of the Walt Disney World Resort and Disney’s Yacht & Beach Club Resorts, the Congress schedule has been developed to allow participants and their families to take full advantage of the Magic Kingdom Park, EPCOT, Disney’s Animal Kingdom Theme Park, or Disney’s Hollywood Studios. The Fifth WCACS provides the unique opportunity to combine a stimulating, educational experience with an unforgettable, world-class family vacation. You won’t want to miss it!

Abstract submission for the Fifth WCACS will close on March 1, 2011. All abstracts accepted will be published in a special supplement of The American Surgeon in July 2011. The abstract requirements and submission form may be accessed at: http://www.wsacs.org

August 10-13, 2011
Disney’s Yacht & Beach Club Resorts
Walt Disney World Resort
Lake Buena Vista, Florida, USA
www.wcacs.org
Egypt is known as the cradle of civilization and also a cradle for inspiration; the source of many discoveries and experiences.

Increase your knowledge on the organizational structure and healthcare delivery systems of critical care units in Egypt during the Society of Critical Care Medicine’s (SCCM) 2011 Study Mission, to be held September 16 to 25, 2011. This international trip includes visits to local private and public hospitals in Cairo and Alexandria, with continuing education hours awarded for daily visits.

At the conclusion of the study mission, participants will be able to:

- Differentiate the organizational structure and healthcare delivery systems of various critical care units in Egypt
- Explain similarities and differences in critical care education and training
- Describe local knowledge and attitudes towards:
  - Level of skill
  - Level of sophistication
  - Organizational level/development in Egypt
- Discuss quality processes and how change is implemented to improve patient care
- Discuss infectious diseases that occur in Egypt and the Middle East
- Review the design and development of a new liver transplant program being created in Egypt

Registrants also will enjoy morning and afternoon tours to ancient sites, including the Giza pyramids and Sphinx, Egyptian National Museum, Khan al-Khalili Bazaar, Fort Qaitbey, Roman Amphitheater at Kom al-Dikka, and Pompey’s Pillar.

Nile River Cruise

Following the study mission, registrants will have the option to board the newly-renovated Sonesta Star Goddess for a four-night Nile River Cruise, September 25 to 30, 2011.

Stop by SCCM Central in the Exhibit Hall to pick up a full itinerary and registration materials.
A clear path through sepsis.

Optimize flow to improve tissue perfusion with the PreSep oximetry catheter and FloTrac sensor.

For more information and educational tools visit www.Edwards.com/Sepsis.

Please visit the Edwards booth #1218 at SCCM for more information.
WHEN CHOOSING AN IV SEDATIVE

The question isn’t which one will work...

...but how well suited is it?

DIFFERENT SITUATIONS REQUIRE DIFFERENT SOLUTIONS.

BOOTH 817