Society of Critical Care Anesthesiologists

Preliminary Program

Plan to attend this meeting if you are a(n)...

- Critical Care Specialists
- Perioperative Physicians
- Intensivists
- Clinical and Research Scientists
- Healthcare Professional and Trainee Interested in Critical Care Medicine

Online Registration is available at www.SOCCA.org

24th Annual Meeting and Critical Care Update

October 13-14, 2011 • Hilton Chicago • Chicago, Illinois

Presented prior to ANESTHESIOLOGY 2011

New This Year - Perioperative Ultrasound Workshop

Jointly sponsored by the American Society of Anesthesiologists (ASA)
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Assistant Professor
Oregon Health and Science University
Portland, Oregon

Vivek K. Moitra, M.D.
Assistant Professor of Anesthesiology
Columbia University
New York, New York

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Nashville, Tennessee

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Washington University School of Medicine
St. Louis, Missouri

Michael C. Woo, M.D.
Assistant Professor of Anesthesiology and Critical Care
University of Chicago
Chicago, Illinois

Hannah Wunsch, M.D., M.Sc.
Assistant Professor of Anesthesiology
Columbia University
New York, New York
Target Audience
The SOCCA 24th Annual Meeting and Critical Care Update is designed for anesthesiologists in the clinical and laboratory setting who desire to improve development of anesthesiology teaching methods by engaging in an interchange of ideas as represented in this meeting.

Needs Assessment
Topics for this meeting were derived from 2010 meeting evaluations and previous annual meetings. Suggested topics were discussed and developed by educators who attended previous Annual and Board meetings and by other authorities in the field of Anesthesiology.

Faculty Disclosure
The Society of Critical Care Anesthesiologists adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosures of faculty and commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

Participation in the SOCCA 24th Annual Meeting
Attendance shall be open to all health practitioners, provided that they have registered for the meeting. CME credit will only be offered to M.D.s, D.O.s or equivalent. A completed Physician Verification of Attendance form must be turned in to SOCCA at the conclusion of the meeting. The form will be available on-site.

Educational Format
CME activities include the following formats: plenary sessions, lectures, moderated poster discussions, and skill-set workshops.

Accreditation Statement and Credit Designation
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Society of Anesthesiologists and the Society of Critical Care Anesthesiologists. The American Society of Anesthesiologists is accredited by the ACCME to provide continuing medical education for physicians.

SOCCA Annual Meeting and Critical Care Update (Friday)
The American Society of Anesthesiologists designates this live activity for a maximum of 8.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Pre-Meeting Workshop
“Perioperative Ultrasound Workshop” (Thursday)
The American Society of Anesthesiologists designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Resolution of Conflicts of Interest
In accordance with the ACCME Standards for Commercial Support of CME, the American Society of Anesthesiologists and the Society of Critical Care Anesthesiologists will implement mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

Disclaimer
The information provided at this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical/clinical judgment of a health care provider relative to diagnostic and treatment options of a specific patient’s medical condition.

Commercial Support
Acknowledgement
This CME activity is supported by educational grants. A complete list of supporters will be published in the program syllabus.
Meeting Learning Objectives

Upon completion of this learning activity participants should be able to:

- Describe emerging concepts on the role of the microcirculation and mitochondrial dysfunction in the pathophysiology of sepsis and ARDS.
- Discuss the outcomes that are important to survivors of critical illness.
- Review the application of novel therapies in the management of severe sepsis and septic shock.
- Analyze controversies in the design, conduct and interpretation of clinical trials in critical care.
- Apply relevant lessons learned from the military experience in the delivery of critical care services to civilian disaster management scenarios.
- Explain how generational differences in learning and values may affect medical education and individual expectations and performance in the workplace.
- Discuss how regional and institutional variations in intensive care practice influence the evolution and progress of delivery of critical care.
- Review emerging applications for ultrasound technology in the evaluation and management of patients in the intensive care unit.
- Appraise the use of medical simulation in critical care education and potential applications in competency assessment of experienced providers.

Pre-Meeting Workshop

Perioperative Ultrasound Workshop

Thursday, October 13, 2011
1:00 - 5:00 p.m.
Hilton Chicago

This hands-on workshop will consist of brief introductory lectures on the use ultrasound in perioperative medicine, ultrasound for vascular access, basic evaluation of the left and right ventricles, aortic and mitral valves and basic valuation of the pleural space. Following the lectures, participants will have an opportunity to practice basic ultrasound skills on live models using state-of-the-art imaging systems. (Limited to 42 registrants)

Learning Objectives

Upon completion of this workshop the participants should be able to:

1. Describe potential uses of ultrasound in the perioperative setting;
2. Identify normal RV and LV function;
3. Identify normal aortic and mitral valve function;
4. Recognize normal thoracic ultrasound images;
5. Apply ultrasound for vascular access.

Faculty:

Moderator/Introduction
Michael H. Wall, M.D., FCCM

Basic Evaluation of LV and RV Function
Matthias Merkel, M.D., Ph.D.

Basic Evaluation of Aortic and Mitral Valve
Chad E. Wagner, M.D.

Evaluation of Plural Space
Daniel S. Talmor, M.D., M.P.H.

Vascular Access
Benjamin A. Kohl, M.D.

Rescue TEE
Charl A. de Wet, M.D.

Hands-On Faculty
Michael C. Woo, M.D.
Thomas B. Comfere, M.D.
Meeting Schedule

Thursday, October 13, 2011
11:00 a.m. - 3:00 p.m. Registration for the Perioperative Ultrasound Workshop
1:00 - 5:00 p.m. Perioperative Ultrasound Workshop

Friday, October 14, 2011
6:30 a.m. - 5:30 p.m. Registration
7:00 - 7:25 a.m. Continental Breakfast – Exhibits Open
7:25 - 7:30 a.m. Welcome and Introduction
Vivek K. Moitra, M.D., Ronald Pauldine, M.D.

SESSION I - Multiple Organ Dysfunction Syndrome 2011 (Challenging Conventional Wisdom)
7:30 - 7:40 a.m. Introduction/Overview of Session
Vivek K. Moitra, M.D.
7:45 - 8:15 a.m. Pathophysiology of Sepsis and ARDS: Have We Finally Gotten it Right?
Clifford S. Deutschman, M.D.
• Immune Function: Deficiency vs. Excess
• Revisiting the Microcirculatory and Mitochondrial Dysfunction
8:15 - 8:45 a.m. Long-term Outcomes After MODS/Chronic Critical Illness
Hannah Wunsch, M.D., M.Sc.
• Is Survival Enough?
• Long-Term Organ Dysfunction?
• What Happens to the Chronically Critically Ill? Do the Living Envy the Dead?
8:45 - 9:15 a.m. Nitroglycerin and Lactate Guided Resuscitation in Sepsis
Jan Bakker, M.D., Ph.D.
• What Blood Pressure is Right?
• CVP vs. Other?
9:15 - 9:45 a.m. Break and Exhibits
9:45 - 10:30 a.m. PRO: ICU Trials Show Progress
Carlee A. Clark, M.D.
CON: ICU Trials Are Equivocal
Joseph S. Meltzer, M.D.
• From Intensive Insulin Therapy to Transfusions to Checklists etc.
10:30 - 11:00 a.m. Rethinking MODS and Concluding Remarks
(Maybe the Disease Isn’t All We Believed It To Be)
Clifford S. Deutschman, M.D.
11:00 - 11:25 a.m. Young Investigator Award and Abstract Presentation
Presenter: Brenda G. Fahy, M.D.
Meeting Schedule

11:25 - 11:30 a.m.  Introduction of ASA President-Elect
   Michael F. O'Connor, M.D.

11:30 - 11:50 a.m.  ASA President-Elect Address
   Jerry Cohen, M.D.

11:50 a.m. - 1:00 p.m.  Lunch and Lifetime Achievement Award Presentation
   Stanley H. Rosenbaum, M.D.

SESSION II - Lessons Learned from Military Critical Care
1:00 - 1:45 p.m.  Rethinking Civilian Critical Care 2011
   Todd E. Carter, M.D.
   • What Do We Do When the Tsunami Hits Us?
   • Damage Control
   • Local Casualty Response and Interoperability
   • Communication and Delivery of Critical Care without Walls
   • Question and Answer
   • Checklists, Team Training, and Skills Evaluation

1:45 - 2:25 p.m.  Moderated Poster Session

2:25 - 2:40 p.m.  Break and Exhibits

2:40 - 3:00 p.m.  SOCCA-FAER- Hospira Physician Scientist Award Lecture
   “Cerebrovascular Autoregulation After Pediatric Cardiac Arrest”
   Jennifer K. Lee-Summers, M.D.

SESSION III: Education and Technology
3:00 - 3:45 p.m.  PRO: My Generation is Better (What Has Worked Well in Medical Education)
   Douglas B. Coursin, M.D.

   CON: My Generation Rocks (Does Generation Y Learn Differently?)
   Aaron M. Joffe, D.O.

3:45 - 5:00 p.m.  Learning From Diversity: How Do We Teach, Learn, and Get Better if Everybody Does It Differently
   Avery Tung, M.D.

   Ultrasonography – Replacing Our Stethoscope! How Do We Get It Done
   Michael H. Wall, M.D., FCCM

   Role of Simulation/learning Skills for Rare Events
   Steven J. Lisco, M.D.

5:15 - 6:00 p.m.  SOCCA Annual Business Meeting

6:00 - 7:45 p.m.  Welcome Reception
SOCCA Breakfast Panel at the
ANESTHESIOLOGY 2011

“Hemodynamic Monitoring and Management in 2010”

Sunday, October 16, 2011, 7:00 - 8:15 a.m.

Hyatt McCormick Place – Regency A

Objectives: Upon completion of this learning activity, participants should be able to: 1. Review and critically assess recent literature on the clinical value of hemodynamic monitoring; 2. Identify gaps between literature findings, hemodynamic theory, and clinical practice; 3. Explore alternate theories and strategies to reconcile hemodynamic theory with current literature; 4. Develop a clinical approach to hemodynamic management of critically ill patients.

Reconciling Traditional Hemodynamic Theory with Current Literature

Avery Tung, M.D.
University of Chicago
Chicago, Illinois

In Defense of Traditional Hemodynamic Monitoring: CVP, PAC, CO, DO2

Jeffery Vender, M.D.
Evanston Northwestern Healthcare
Chicago, Illinois

The Widening Gap Between Hemodynamic Theory, Literature and Practice

Vivek K. Moitra, M.D.
College of Physicians and Surgeons
New York, New York

Save this Date for these Future SOCCA Meetings

SOCCA 25th Annual Meeting and Critical Care Update
October 11 - 12, 2012
Washington, DC

SOCCA 26th Annual Meeting and Critical Care Update
October 10 - 11, 2013
San Francisco, California

SOCCA 27th Annual Meeting and Critical Care Update
October 9 - 10, 2014
New Orleans, Louisiana
SOCCA 24th Annual Meeting and Critical Care Update  
Friday, October 13-14, 2011 • Hilton Chicago • Chicago, Illinois  
Registration Form  

Please print or type.  

First Name    MI    Last Name  

Affiliation    Degree(s)  

Mailing Address  

City    State    Country    ZIP/Postal code  

Phone    Fax  

E-Mail    ABA#  

Is this your first time attending the SOCCA Annual Meeting?  

☐ Yes  
☐ No, I have previously attended.  

Which of the following best describes your medical practice environment?  

☐ Academia  ☐ In Training  ☐ Private Practice  
☐ Other __________________________________________________  

Which best describes your field of anesthesia?  

(Please mark all that apply.)  

☐ General  ☐ Pediatric  ☐ Critical Care  
☐ Ambulatory  ☐ Pain Medicine  ☐ Neurosurgical  
☐ Adult Cardiothoracic  ☐ Obstetric/Perinatology  
☐ Other __________________________________________________  

SOCCA 24th Annual Meeting and Critical Care Update – Friday, October 14, 2011  

Registration Fees*  

<table>
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<tr>
<th>Early Bird Registration</th>
<th>Regular Registration</th>
<th>On site Registration</th>
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<tr>
<td>Early Bird Through Sept. 12</td>
<td>Regular Through Oct. 3</td>
<td>After Oct. 3</td>
</tr>
<tr>
<td>SOCCA Member (dues must be current)</td>
<td>$185</td>
<td>$235</td>
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<tr>
<td>Non-SOCCA Member (Includes one year trial SOCCA membership for 2012)</td>
<td>$335</td>
<td>$385</td>
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<tr>
<td>Educational Member (Resident or Fellow)</td>
<td>$60</td>
<td>$60</td>
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<tr>
<td>Medical Student</td>
<td>$60</td>
<td>$60</td>
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<tr>
<td>Allied Health Professional</td>
<td>$110</td>
<td>$135</td>
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* Your registration fee covers: Friday's sessions, Continental breakfast, lunch, break refreshments, Welcome Reception and syllabus.  

PAGE 1 TOTAL $ _________  

PAGE 2 TOTAL $ _________  

REGISTRATION TOTAL $ _________  

☐ I am willing to be a mentor for a Resident/Fellow at the meeting.  

Mail/Fax to: Society of Critical Care Anesthesiologists  
520 N. Northwest Highway • Park Ridge, IL 60068-2573  
Phone: (847) 825-5586 • Fax: (847) 825-5658  

Questions? Contact the SOCCA administrative office via the contact information above.  
Registration is also available online at www.socca.org  

SEE NEXT PAGE
Pre-Meeting Perioperative Ultrasound Workshop – Thursday, October 13, 2011
(You must be registered for the Annual Meeting on Friday to register for this workshop.)

Registration Fees
(Registration limited to 42 participants)

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<tr>
<td>SOCCA Member (dues must be current)</td>
<td>$75</td>
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<td>Non-SOCCA Member</td>
<td>$150</td>
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SOCCA Member (dues must be current) . . . . . . . . . . . . $75 . . . . . . . . . . . . . . . .  $125 . . . . . . . . . . . . . . . .  $150 $ _________
Non-SOCCA Member . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $150 . . . . . . . . . . . . . . . .  $175 . . . . . . . . . . . . . . . .  $200 $ _________

Special Needs Statement

- I will require assistance. (Someone from SOCCA will contact you.)
- Please check here for vegetarian meals
- Please check here for kosher meals

How did you hear about this meeting?

- SOCCA Website
- From Colleague
- Member
- Email Announcement
- Previous Meeting
- Journal Ad

Payment Method

- Check (payable to SOCCA in U.S. funds drawn from a U.S. bank)
  SOCCA Tax ID No. 36-3422600
- Visa
- MasterCard
- American Express

Name

Card Number Exp. Date

Signature

Cancellation Policy

In the event of a cancellation, please submit a cancellation request in writing to a.devries@asahq.org. Written cancellation notices will be accepted until October 3, 2011. Your refund, less a $50 administrative fee, will be sent at the conclusion of the meeting. After October 3, 2011, cancelation requests cannot be honored.