17th Annual USC Trauma, Emergency Surgery, and Surgical Critical Care Symposium
Thursday and Friday, May 13 and 14, 2010
The Langham, Huntington Hotel, Pasadena, California

Office of Continuing Medical Education
Keck School of Medicine
University of Southern California
1975 Zonal Avenue, KAM 317
Los Angeles, CA 90033-1039

Presented by
The Division of Trauma, Emergency Surgery, and Surgical Critical Care and
The Office of Continuing Medical Education
KECK SCHOOL OF MEDICINE OF THE UNIVERSITY OF SOUTHERN CALIFORNIA
and the
Institute of Continuing Education for Nurses, Department of Nursing
Los Angeles County+USC Medical Center
The annual USC Trauma, Emergency Surgery, and Surgical Critical Care Symposium is hosted by the Division of Acute Care Surgery at the Los Angeles County+University of Southern California Medical Center, one of the largest trauma centers in the country. This comprehensive course will incorporate current guidelines and the newest techniques for evaluation, diagnosis and treatment, provide a valuable update on the management of injured and critically ill patients, and focus on the current standard of care for the acute surgical patient. Data related to the care of critically ill and injured patients is rapidly evolving with advances in science and technology, but implementation at the bedside often fails to keep pace, and optimal patient care is compromised. The course is designed to bridge the gap that exists in health care providers engaged in daily care and evaluation of acute general surgery patients, critically ill and traumatized patients and improve knowledge, competence and performance with implementation of the ever-changing and advancing methods of diagnosis and skills in treatment with emergency surgery. The symposium features cutting edge lectures, high caliber plenary sessions, interactive and provocative panel discussions, and inspiring keynote addresses, with an appropriate balance between evidence-based principles and innovative thought-provoking elements of acute surgical and trauma care. The program will be of interest to physicians, nurses, physician assistants, emergency medical technicians, paramedics and other medical personnel working in the field of acute care surgery and trauma care.

**OBJECTIVES**

At the conclusion of the meeting the participant should be able to

- Implement strategies and techniques for optimal care of the injured and critically ill patient.
- Employ critical decision-making in diagnosis and management of the difficult trauma patient, including management of the badly injured spleen, resuscitative thoracotomy, and the mangled extremity.
- Practice updated management for optimal care in the critical care setting, including temperature control, management of acute renal failure, optimal glucose control, donor management, and the role of erythropoietin.
- Put into practice techniques and guidelines for management of acute care surgical issues including the role of interval appendectomies, management of adhesive disease and necrotizing fasciitis.
- Identify challenges in disaster preparedness and military trauma and incorporate lessons learned from recent experiences in Haiti.
- Respond appropriately to injured patients with added complicating circumstances, including prior anticoagulation and those requiring perioperative resuscitation.
- Evaluate controversial issues in imaging, endovascular stenting, organ donation after cardiac death and the role of non-operative management in the blunt trauma patient.
- Use negative pressure dressings appropriately in complex abdominal and extra-abdominal wounds and recognize implications for healing.
- Take appropriate measures to minimize risk and properly document findings for legal purposes.
- Diagnose and manage surgical infections including necrotizing fasciitis, *C. difficile* colitis and appendicitis.

**ACCREDITATION**

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Keck School of Medicine of the University of Southern California designates this educational activity for a maximum of 14.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider number CEP00105 for 17 contact hours.

This course has been approved for 14.0 hours of Category 1 Continuing Education by California Pre-hospital CE provider #19-0012. Objectives available upon request.

**Faculty Disclosure:** Current guidelines state that participants in continuing medical education activities should be aware of any affiliation or financial interest that could affect the speaker’s presentation(s). The Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. Faculty members have completed disclosure forms and potential conflicts of interest have been reviewed and resolved prior to the program. Disclosure of all relevant financial relationships will be listed in the course syllabus.

**Core Competencies:** In alignment with the CME mission of the Keck School of Medicine, programs are planned in the context of desirable physician attributes and core competencies (six abilities that are central to the practice of medicine): 1) Patient Care, 2) Medical Knowledge, 3) Practice Based Learning, 4) Interpersonal and Communication Skills, 5) Professionalism and 6) Systems Based Practice, as designated by the American Board of Medical Specialties. Core competencies addressed in each of the activity objectives will be noted, using numbers 1-6, in the proceedings. This shall serve the best interests of the public and assist attendees in Maintenance of Certification.

**Cultural and Linguistic Competency:** California AB 1195: This activity is in compliance with California Assembly Bill 1195, which requires that all CME activities address cultural and linguistic competency in patient care delivery to meet the concerns of a diverse population through effective and appropriate professional development.
Wednesday, May 12, 2010
Critical Care Techniques and Procedures Course
USC Surgical Skills Center
Percutaneous Tracheostomy, Cricothyrotomy, PEG, Thoracoscopy. No CME or certification offered. Separate registration required; see Registration Information for further details.*

Thursday, May 13, 2010

7:00  Registration
Continental Breakfast, Exhibits

7:30  Opening Remarks
Demetrios Demetriades, MD, PhD

7:35  Welcome from the Chairman
Department of Surgery
Vaughn A. Starnes, MD

7:45  Welcome from the Chief Executive Officer
LAC+USC Medical Center
Pete Delgado

Session I: Emergency Department
Moderator - Edward J. Newton, MD

7:50  The Anticoagulated Trauma Patient
Marko Bukur, MD

8:05  Emergency Room Resuscitative Thoracotomy: Technique and Common Pitfalls
Carlos V. R. Brown, MD

8:20  Haiti - The USC Experience
Ramon Cestero, MD

Session II: Rapid-fire Session:
All You Wanted to Know About Pre-hospital Care
Moderators - Kenneth L. Mattox, MD, and
Demetrios Demetriades, MD, PhD

8:35  Panel: Drs. Brown, Peitzman, Rhee, and Spain

Session III: Debate - Pro / Con:
Interval Appendectomies
Moderator - Kenji Inaba, MD, MSc

9:05  Absolutely Necessary!
David A. Spain, MD

9:15  Totally Unnecessary!
Jeffrey S. Upperman, MD

9:25  Discussion/Vote/Resolution

Session IV: Acute Care Surgery
Moderator - H. Gill Cryer, MD

9:35  Transitioning into an Acute Care Surgery Service - The National Experience
Gregory J. Jurkovich, MD

9:55  Discussion

10:00  Refreshment Break, Exhibits

Session V: Debate - Pro / Con:
Operative Management of the Spleen
Moderator - Ali Salim, MD

10:30  Splenectomy is the Safe and Easy Way!
Areti Tillou, MD, MSEd

10:40  Make Every Effort to Save the Spleen!
Michael J. Sise, MD

10:50  Discussion/Vote/Resolution

Session VI: Medicolegal Issues
Moderator - Thomas T. Noguchi, MD

11:00  Staying Out of Trouble is Not Difficult!
Bonnie Bilitch, RN, MSN

11:20  Ballistics: What the Healthcare Provider Should Know
Lakshmanan Sathyavagiswaran, MD

11:40  Discussion

Session VII: Luncheon Lecture Series
Moderator - Kenji Inaba, MD, MSc

11:50  Negative Pressure Dressing:
The Answer to a Difficult Problem?
Mark J. Kaplan, MD

12:20  Lunch

Session VIII: J. L. Buckingham Lecture
Introduction - Demetrios Demetriades, MD, PhD

1:30  Non-operative Management of Blunt Abdominal Trauma:
Where is the Pendulum?
Andrew B. Peitzman, MD

Session IX: Acute Care Surgery
Moderator - Namir Katkhouda, MD

2:00  Perioperative Resuscitation in Emergency Surgery: The Cornerstone of Good Outcomes
Philip D. Lumb, MB

2:15  Adhesive Small Bowel Obstruction:
Timing and Indications for Operation
Beat Schnüriger, MD

2:30  Necrotizing Fasciitis: Pitfalls in Diagnosis and Management
Lydia Lam, MD

3:00  Discussion

3:15  Refreshment Break, Exhibits

Session X: An Hour With Demetri - Believe It or Not
Moderator - Demetrios Demetriades, MD, PhD

3:45  Drs. Margulies, Jurkovich, Sise, and Spain

4:45  Adjourn
Friday, May 14, 2010

Session XI: Critical Care
Moderator - Howard Belzberg, MD

7:00 Continental Breakfast, Exhibits

7:30 To Control or Not to Control: Blood Glucose in the ICU
Leslie Kobayashi, MD

7:40 Acute Renal Failure: Which Dialysis Method?
Margarita Bass, MD

7:50 EPO: Any Role in the ICU Trauma Patient?
Peep Talving, MD, PhD

8:00 Temperature Control in the ICU: Advances
Bradley J. Roth, MD

8:10 Organ Donation After Cardiac Death
Ali Salim, MD

Session XII: The American College of Surgeons
Moderator - Demetrios Demetriades, MD

8:20 The American College of Surgeons’ Role in Surgical Practice
David B. Hoyt, MD

8:40 Discussion

Session XIII: Video Session - “How I Do It”
Moderator - Kenji Inaba, MD, MSc

8:50 Panel Discussion
Drs. Lam, Salim, and Talving

Session XIV: Radiology in Acute Care Surgery
Moderator - Richard A. Dorazio, MD

9:20 Imaging: Are We Irradiating Our Patients to Dangerous Levels?
Daniel R. Margulies, MD

9:35 Endovascular Stenting in Trauma
Sue E. Hanks, MD

9:50 Discussion

10:00 Refreshment Break, Exhibits

Session XV: The Critically Injured Patient
Moderator - David B. Hoyt, MD

10:30 Damage Control in Extra-abdominal Surgery
H. Gill Cryer, MD

10:40 Blunt Cardiac Trauma: The Tip of the Iceburg
Galinos Barmparas, MD

10:50 Discussion

Session XVI: William C. Shoemaker Distinguished Professor Lecture
Introduction - Demetrios Demetriades, MD, PhD

11:00 Trauma Controversies - Past, Present, and Future
Kenneth L. Mattox, MD

Session XVII: Luncheon Lecture Series
Moderator - Thomas V. Berne, MD

11:30 Post-operative Adhesions: The Nemesis of the Surgeon
Speaker to be determined

12:00 Lunch

Session XVIII: The USC Navy Trauma Training Experience
Moderator - David Plurad, MD

1:15 The Mangled Extremity
David M. Dromsky, MD

1:30 Autotransfusion of Scavenged Pleural and Abdominal Blood
Corry J. Kucik, MD

1:45 Flying the Critically Injured Soldier Home
Stacy Shackelford, MD

Session XIX: Rapid-fire Acute Care Surgery Issues
Moderator - Thomas V. Berne, MD

2:00 Stopping Bleeding from a Complex Pelvic Fracture
Andrew Tang, MD

2:08 IVC Filters Placed by the General Surgeon
Karen Woo, MD

2:16 Foreign Bodies: Swallowed, Inserted or Stuck
Scott D. Bricker, MD

2:24 Clostridium difficile Colitis - the ICU Superbug
Jonathan R. Hiatt, MD

2:32 Discussion

2:45 Refreshment Break, Exhibits

Session XX: American Idols
Moderator - Kenji Inaba, MD, MSc, and Ali Salim, MD

3:15 Who Has the Best Resident?
Cedars Sinai Medical Center
UCLA
USC

Session XXI: USC “Rheeopardy”
Moderator - Peter Rhee, MD

4:00 Panel
Drs. Brown, Salim and Tillou

5:00 Raffle, Adjourn
FACULTY

SYMPOSIUM DIRECTORS

Demetrios Demetriades, MD, PhD, FACS
Professor and Vice Chairman of Surgery
Director, Division of Acute Care Surgery (Trauma, Emergency Surgery, and Surgical Critical Care)
Kek School of Medicine of USC
Los Angeles, California

Kenji Inaba, MD, MSc, FACS, FRCSC
Assistant Professor of Surgery
Medical Director, Surgical ICU
Keck School of Medicine of USC
Los Angeles, California

Lydia Lam, MD
Assistant Professor of Surgery
Keck School of Medicine of USC
Los Angeles, California

KEYNOTE FACULTY

Kenneth L. Mattix, MD
Professor and Vice Chairman
Michael E. DeBakey Department of Surgery
Baylor College of Medicine
Chief of Staff and Chief of Surgery, Ben Taub General Hospital
Houston, Texas

GUEST FACULTY

Carlos V. R. Brown, MD, FACS
Associate Professor of Surgery
University of Texas Medical Branch - Austin
Chief of Trauma, Brackenridge Hospital
Austin, Texas

H. Gill Cryer, MD
Professor of Surgery
David Geffen School of Medicine at UCLA
Los Angeles, California

Jonathan R. Hiatt, MD
Professor and Chief of General Surgery
Vice Chair for Surgical Education
David Geffen School of Medicine at UCLA
Los Angeles, California

David B. Hoyt, MD, FACS
Executive Director
American College of Surgeons
Chicago, Illinois

Gregory J. Jurkovich, MD
Professor of Surgery
University of Washington School of Medicine
Chief, Trauma Service, Harborview Medical Center
Seattle, Washington

Mark J. Kaplan, MD, FACS
Associate Professor of Surgery
Thomas Jefferson University
Associate Chair of Surgery and Chief, Division of Trauma and Critical Care
Albert Einstein Medical Center
Philadelphia, Pennsylvania

Daniel R. Margulies, MD, FACS
Director of Trauma and Surgical Critical Care
Cedars-Sinai Medical Center
Los Angeles, California

Peter Rhe, MD, MPH
Professor of Surgery and Director, Trauma, Critical Care and Emergency Surgery
University of Arizona College of Medicine
Tucson, Arizona

Ali Salim, MD
Associate Professor of Surgery
David Geffen School of Medicine at UCLA
Department of Surgery
Cedars-Sinai Medical Center
Los Angeles, California

Lakshmanan Sathyavagiswaran, MD
Chief Medical Examiner - Coroner
Los Angeles County Department of Coroner

Michael J. Sise, MD, FACS
Clinical Professor of Surgery
University of California, San Diego, School of Medicine
Trauma Medical Director
Scripps Mercy Hospital
San Diego, California

David A. Spain, MD, FACS
Professor of Surgery
Stanford University School of Medicine
Chief of Trauma/Critical Care Surgery
Stanford University Medical Center
Stanford, California

Areti Tillou, MD, MSEd
Assistant Professor of Surgery
David Geffen School of Medicine at UCLA
Los Angeles, California

USC FACULTY AT THE KECK SCHOOL OF MEDICINE AND LA COUNTY+USC MEDICAL CENTER

Galinos Barmparas, MD
Research Fellow

Margarita Bass, MD
Assistant Professor of Surgical Critical Care

Howard Belzberg, MD
Associate Professor of Surgery

Thomas V. Berne, MD, FACS
Professor of Surgery

Bonnie Blitch, RN, MSN
Director of Risk Management
Los Angeles County+USC Healthcare Network

Scott D. Bricker, MD
Surgical Critical Care Fellow

Marko Bukur, MD
Trauma Surgery Fellow

Ramon Cestero, MD
Surgical Critical Care Fellow

Pete Delgado
Chief Executive Officer
Los Angeles County+USC Healthcare Network

Richard A. Dorazio, MD, FACS
Clinical Professor of Surgery
Keck School of Medicine of USC
Department of Surgery
Kaiser Permanente Medical Center

David M. Dromsky, MD
Clinical Assistant Professor of Orthopedics
Navy Trauma Training Center

Sue E. Hanks, MD
Associate Professor of Radiology

Namir Katkhouda, MD
Professor of Surgery

Leslie Kobayashi, MD
Trauma Surgery Fellow

Corry J. Kucik, MD
Assistant Professor of Anesthesiology
Navy Trauma Training Center

Philip D. Lumb, MB, BS, FCCM
Professor and Chairman
Department of Anesthesiology

Nancy W. Miller, RN, MSN, PhD, CCRN, CNA
Provider Administrator, ICEN

Edward J. Newton, MD
Professor and Chairman
Department of Emergency Medicine

Thomas T. Noguchi, MD
Professor Emeritus of Forensic Pathology

David S. Plurad, MD, FACS
Assistant Professor of Surgery
Director, Navy Trauma Training Center

Bradley J. Roth, MD
Assistant Clinical Professor of Surgery

Beat Schnürriger, MD
Research Fellow

Stacy Shackelford, MD
Surgical Critical Care Fellow

Vaughn A. Starnes, MD
Distinguished Professor of Surgery
Chair, Department of Surgery
H. Russell Smith Foundation Chair for Cardiovascular Thoracic Research

Peep Talving, MD, PhD, FACS
Assistant Professor of Clinical Surgery

Andrew Tang, MD
Surgical Critical Care Fellow

Jeffrey S. Upperman, MD
Associate Professor of Surgery
Director, Trauma Program
Children’s Hospital Los Angeles

Karen Woo, MD, FACS
Assistant Professor of Surgery
REGISTRATION INFORMATION

DATE Thursday and Friday, May 13 and 14, 2010

PLACE The Langham, Huntington Hotel, 1401 South Oak Knoll Avenue, Pasadena, California 91106
Phone 1-626- 568-3900 (For room reservations, ask for in-house reservations, and mention the USC Trauma / Critical Care program. Room rate $199 single or double. Make reservations before April 28, 2010.)

TUITION

<table>
<thead>
<tr>
<th></th>
<th>Advance registration</th>
<th>On-site registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD, DO, Pharmacist</td>
<td>$395</td>
<td>$500</td>
</tr>
<tr>
<td>Resident/Fellow/RN/Allied Health</td>
<td>$295</td>
<td>$400</td>
</tr>
<tr>
<td>Syllabus* (print version, order &amp; pay by 4/23/10)</td>
<td>$ 20</td>
<td>Not available</td>
</tr>
<tr>
<td>Program + Procedures Course** (Wed., 5/12/10)</td>
<td>$570</td>
<td>Not available</td>
</tr>
</tbody>
</table>

*SYLLABUS (Proceedings) will be provided to all registrants on CD at on-site check in. To receive a print version, you must order and pay an additional fee of $20 in advance, no later than April 23.

**Critical Care Techniques and Procedures Course - Wednesday, May 12, 2010 at the USC Surgical Skills Center. Percutaneous Tracheostomy, Cricothyrotomy, Chest Tube Placement, Percutaneous Endoscopic Gastrostomy. An interactive workshop with didactic lectures, demonstrations, and hands-on experience with these interventions. No CME credit or certification is offered for this Procedures course. Lunch is included. Additional details can be obtained from the course directors at 1-323-409-8112.

CONFIRMATION: Confirmation of your registration will be e-mailed; please provide your e-mail address when you register. If you register within 2 weeks of the course or do not receive an e-mailed confirmation letter prior to the course date, please check with the Office of Continuing Medical Education for space availability and program changes before making travel arrangements. USC will not refund travel costs for canceled courses.

HOTEL

A block of rooms has been reserved at The Langham, Huntington Hotel. Call 1-626-568-3900, ask for in-house reservations, and mention the USC Trauma / Critical Care program. Room rate: $199 single/double + applicable taxes, currently 15.125%. Make room reservations no later than April 28, 2010. Early registration is suggested; room block may be sold out before reservation deadline. Credit cards will be charged at the time the reservation is made.

PARKING

Parking at The Langham, Huntington Hotel is NOT included in course tuition. Daily parking fee is $12 per entry per car; overnight fee is $25 (subject to change by the hotel).

REFUNDS

A 10% processing fee will be charged for refunds requested in writing prior to the start of the course. No refunds will be given after the course begins.

SPECIAL NEEDS

Advance notice by May 3, 2010 of any special physical or dietary needs will help us serve you better.

INFORMATION

Phone: 800-USC-1119 toll free or 323-442-2555
E-mail: usccme@usc.edu
Web: http://www.usc.edu/cme

REGISTRATION APPLICATION

Trauma, Emergency Surgery, and Surgical Critical Care Symposium (#2570) May 13 and 14, 2010

TUITION

<table>
<thead>
<tr>
<th></th>
<th>Advance registration</th>
<th>On-site registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD/DO/Pharmacist</td>
<td>$395</td>
<td>$500</td>
</tr>
<tr>
<td>Resident/Fellow/RN/Allied Health</td>
<td>$295</td>
<td>$400</td>
</tr>
<tr>
<td>Syllabus* (print version - see above)</td>
<td>$ 20</td>
<td>Not available</td>
</tr>
<tr>
<td>Trauma Program + Procedures Course</td>
<td>$570</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Name____________________________________________________________________________

MD  RN  PA  Other____________________________________

Telephone (Day) _____________________________  FAX _____________________________  E-Mail*_____________________________________

Address______________________________________________City_________________________________________State__________Zip+4______________

METHOD OF PAYMENT

☐ Bill Me ☑ Check (Payable to USC) ☐ MasterCard or ☐ VISA ONLY

Card #_______________________________________________________Expiration Date______________________________Amount $___________________

Signature__________________________________________________________________________________________________________________________

Please mail application and payment to: Office of Continuing Medical Education, Keck School of Medicine of USC 1975 Zonal Ave., KAM 317, Los Angeles, CA 90033-1039. *Please provide your e-mail address in order to receive confirmation.

For course registration, call 323-442-2555 or 800-USC-1119  FAX 323-442-2152 or 888-665-8650.
E-mail: usccme@usc.edu Web: http://www.usc.edu/cme Register on-line at www.peopleware.net/0128 and select program #2570.