

# 17<sup>th</sup> 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

# 17<sup>th</sup> Annual USC Trauma, Emergency Surgery, and Surgical Critical Care Symposium

Thursday and Friday  
May 13 and 14, 2010

The Langham, Huntington Hotel  
Pasadena, California



*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

# 17th Annual USC Trauma, Emergency Surgery, and Surgical Critical Care Symposium

Thursday and Friday, May 13 and 14, 2010

## COURSE DESCRIPTION

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*<sup>™</sup>. 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, Thoracostomy. 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, MEd*

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 Billitch, 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**

7:00 **Continental Breakfast, Exhibits**

**Session XI: Critical Care**

*Moderator - Howard Belzberg, MD*

- 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 Iceberg**  
*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 "Rheopardy"**

*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)  
Keck School of Medicine of USC  
Los Angeles, California

**Kenji Inaba, MD, MSc, FACS, FRCS**  
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. Mattox, 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

**Andrew B. Peitzman, MD**  
Mark M. Ravitch Professor and Vice Chairman  
Department of Surgery  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

## 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 Rhee, 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, MEd**  
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 Bilitch, 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 Katkhoua, 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 Schnüriger, 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.)

<b>TUITION</b>	<u>Advance registration</u>	<u>On-site registration</u>
MD, DO, Pharmacist	\$395	\$500
Resident/Fellow/RN/Allied Health	\$295	\$400
Syllabus* (print version, order & pay by 4/23/10)	\$ 20	Not available
Program+Procedures Course** (Wed., 5/12/10)	\$570	Not available

Trauma, Emergency Surgery and Surgical Critical Care Symposium course tuition includes course materials, continental breakfasts, lunches, and refreshment breaks.

\* **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: [uscme@usc.edu](mailto:uscme@usc.edu) Web: <http://www.usc.edu/cme>

Fax: 888-665-8650 toll free or 323-442-2152  
Register on-line at [www.peopleware.net/0128](http://www.peopleware.net/0128)  
and select program #2570.

## REGISTRATION APPLICATION

Trauma, Emergency Surgery, and Surgical Critical Care Symposium (#2570)

May 13 and 14, 2010

<b>TUITION</b>	<u>Advance registration</u>	<u>On-site registration</u>
MD/DO/Pharmacist	<input type="checkbox"/> \$395	<input type="checkbox"/> \$500
Resident/Fellow/RN/Allied Health	<input type="checkbox"/> \$295	<input type="checkbox"/> \$400
Syllabus (print version - see above)	<input type="checkbox"/> \$20	<b>Not available</b>
Trauma Program + Procedures Course	<input type="checkbox"/> \$570	<b>Not available</b>

Name \_\_\_\_\_  MD  RN  PA Other \_\_\_\_\_  
Last First

Medical or RN Lic # \_\_\_\_\_ Specialty \_\_\_\_\_

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: [uscme@usc.edu](mailto:uscme@usc.edu) Web: <http://www.usc.edu/cme> Register on-line at [www.peopleware.net/0128](http://www.peopleware.net/0128)  
and select program #2570