25th Annual
USC National Trauma,
Emergency Surgery and
Surgical Critical Care
Symposium

Thursday and Friday
July 19-20, 2018
Langham Huntington
Pasadena, CA

Presented by:
The Division of Acute Care Surgery
USC Office of Continuing Medical Education
Institute of Continuing Education for Nurses, Department of Nursing
LAC+USC Medical Center

Keck School of Medicine of USC
COURSE DESCRIPTION
The annual USC National 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 (LAC+USC) Medical Center, one of the largest trauma centers in the United States. The symposium features cutting edge lectures, high caliber plenary sessions, interactive and provocative panel discussions, and inspiring keynote addresses by leaders in the field of acute care surgery, trauma and surgical critical care. A balance between evidence-based principles and innovative thought provoking discussion will be maintained during lively expert debates. Each session focuses on understanding the latest medical controversies and the implementation of practical procedural skills.

TARGET AUDIENCE
This course is intended for physicians, nurses, physician assistants, nurse practitioners, emergency medical technicians, paramedics and other medical personnel working in the field of acute care surgery and trauma care, as well as all allied health professionals who care for adults and seek to enhance their understanding of trauma care and treatment options to optimize management of their patients.

PROGRAM

OPTIONAL ASSET COURSE: Wednesday, July 18, 2018
Pre-Course: 8:00 am–4:30 pm
American College of Surgeons’ ASSET Course (Advanced Surgical Skills for Exposure in Trauma) LAC+USC Medical Center. Course Director: Lydia Lam, MD
Separate registration required. Contact Angela Martinez at amartinez@surgery.usc.edu

Thursday, July 19, 2018

6:30 am Registration and Breakfast
7:15 am Welcome
Demetrios Demetriades, MD, PhD
7:20 am Opening Remarks
Vaughn A. Starnes, MD

Session 1: Prehospital and Emergency Room
Moderator: Marianne Gausche-Hill, MD

7:30 am Non-Lethal Police Injuries:
What a Healthcare Professional Should Know!
Kenji Inaba, MD, MSc
7:45 am Emergency Preparedness
J. Parren Cobb, MD
8:00 am HERI Activation, Amputation at the Scene: Lessons Learned
Elizabeth Benjamin, MD, PhD
8:15 am Scoop and Run Versus Stay and Resuscitate
Carl R. Chudnofsky, MD
8:30 am Prehospital Tourniquets, What Could Go Wrong?
Marc Eckstein, MD
8:45 am Discussion

Session 2: In the ICU
Moderator: Brad Spellberg, MD
8:55 am Antibiotic Stewardship:
The Most Effective Way to Keep Antibiotics Effective
Paul Holtum, MD
9:05 am Understanding NHSN: What’s New in Healthcare Associated Infections
Meghan Lewis, MD
9:15 am Application of the EMR in Critical Care: Decision Support and Predictive Analytics
Ramon I; Cestero, MD
9:25 am Damage Control Resuscitation
Joshua M. Tobin, MD
9:35 am Discussion
9:45 am Break

Session 3: Keynote Lecture
Introduction by
Demetrios Demetriades, MD, PhD
10:15 am Surviving Six Bullets in Saudi Arabia: Analysis and Personal Reflections on Conflict in the Middle East
Frank Gardner, BBC Security Correspondent
Session 4: Emergency General Surgery: Fast Facts!
Moderator: Carlos V.R. Brown, MD
10:50 am Persistent Occult Severe GI Bleeding: A Multidisciplinary Nightmare!
Aaron Strumwasler, MD
11:00 am Emergency Abdominal Surgery in the Cirrhotic Patient
Subarna Biswas, MD
11:10 am Operative Management of Necrotizing Pancreatitis: When and What Operation?
Daniel Margulies, MD
11:20 am Current Concepts in the Diagnosis and Management of Colon Volvulus
Glenn 1. Ault, MD
11:30 am Discussion
11:35 am Lunch Pick-Up

Session 5: Luncheon Session
Introduction by Kenji Inaba, MD, MSc
11:45 am Tactical Medicine: The Experience of a Trauma Surgeon and Police Officer
Alexander Eastman, MD

Session 6: Organ Donation
Moderator: Lydia Lam, MD
12:40 pm TBD
Guest Speaker
1:10 pm End of Life Care: Helping the Family!
Carin Van Zyl, MD
1:25 pm Discussion

Session 7: Debates: ECMO in Trauma
Moderator: Kenji Inaba, MD, MSc
1:30 pm Still An Investigational Modality!
Carlos V.R. Brown, MD
1:40 pm A Major Advance in Trauma Critical Care!
Alexander Eastman, MD
1:50 pm Resolution: Let’s Agree!
2:00 pm Break

Session 8: Capsule Commentaries: Surgical Dilemmas in Trauma
Moderator: Peter Rhee, MD
2:30 pm Retained Bullets: Should They Be Removed?
Zachary Warriner, MD
2:38 pm Retained Hemothorax: A Second Tube, Thrombolysis or Operating Room?
James Barde, MD
2:46 pm Optimizing CT Imaging for Trauma: Subtleties of Vascular Injury and Bleeding
Lee Myers, MD
2:54 pm Trauma Anesthesia: Special Challenges
Rodney McKeever, MD
3:02 pm Rib Plating: Who, What, When and Why?
Kazuhide Matsushima, MD
3:10 pm Discussion

Session 9: Medicine in the Court of Law: What the Healthcare Providers Should Know!
Moderator: Michael Sise, MD
3:20 pm Reducing Malpractice Risks/Healthcare Professionals in Court–T’ips and Pitfalls
Lil Detampo
3:40 pm Discussion

Session 10: One Hour with Dimitri: Believe It or Not!
Moderator: Demetrios Demetriades, MD, PhD
3:50 pm Panel
Carlos V.R. Brown, MD
Mark Kaplan, MD
Brant Putnam, MD
Peter Rhee, MD
Michael Sise, MD
5:00 pm Adjourn

ACKNOWLEDGEMENT
The Division of Acute Care Surgery, Institute of Continuing Education for Nurses, Department of Nursing and LAC+USC Medical Center is grateful to KCI for an educational grant in support of the symposium.
Friday, July 20, 2018

7:00 am  Registration and Breakfast

Session 11: Violence Prevention
Moderator: Damon Clark, MD

7:30 am  Intimate Partner Violence
*Astrid H Hegar, MD*

7:45 am  Gang Violence Reduction
*Damon Clark, MD*

8:00 am  Discussion

Session 12: Trauma Capsule Commentaries
Moderator: H. Gill Cryer, MD, PhD

8:05 am  Orthopedics Best Practices in Trauma
*Geoffrey S. Marecek, MD*

8:15 am  I’XA in Trauma: In the Field, ER, OR, Everywhere?
*Alexander Eastman, MD*

8:25 am  ICP Monitor After TBI: Helps Guide Management or a Relic of the Past?
*H. Gill Cryer, MD, PhD*

8:35 am  Discussion

Session 13: Military Session:
Moderator: Travis M. Polk, MD

8:45 am  Blast Injury Update
*Mark Fleming, DO*

9:00 am  Management of Junctional Hemorrhage
*Paul Wisniewski, DO*

9:15 am  Whole Blood Applications in the Military and Civilian Trauma
*Brian Mecklenburg, MD*

9:30 am  Future and Emerging Technologies in Trauma Care
*Travis M. Polk, MD*

9:45 am  Discussion

9:55 am  Break

Session 14: Video Session: How To...
Moderator: Elizabeth Benjamin, MD, PhD

10:25 am  REBOA
*Matthew Forestiere, MD*

10:32 am  Bilateral Internal Iliac Artery Occlusion: Damage Control for Severe Pelvic Fracture Bleeding
*Bryan Love, MD*

10:39 am  Intraosseous Line Placements
*Vincent Chong, MD*

10:46 am  Negative Pressure Instillation Therapy for Soft Tissue Infections
*Mark Kaplan, MD*

10:53 am  Discussion

Session 15: Keynote Lecture
Introduction by
Demetrios Demetriades, MD, PhD

11:00 am  War and Peace: Military-Civilian Collaboration
*Margaret P. Knudson, MD*

11:30 am  The Medical Examiner-Coroner: Much More Than Autopsies
*Jonathan Lucas, MD*

11:50 am  The Use of CT Scanners in Forensic Practice
*Odey Ubkp, MD*

12:10 pm  Discussion

12:15 pm  Lunch Pick-Up

Session 17: Luncheon Session
Moderator: Kenji Inaba, MD, MSc

12:25 pm  Hot Issues: The 10 Most Important Publications in Trauma and Acute Care Surgery, 2016–2018!
*Brant A. Putnam, MD*

Session 18: Challenging Surgical Problems
Moderator: Daniel Margulies, MD

1:30 pm  Acute Cholecystitis in Pregnancy
*Jessica Keeley, MD*

1:38 pm  Large Clot in the Iliac Vein or Vena Cava: Anticoagulation, Cava Filter or Thrombolysis?
*Gregory Magee, MD*

1:46 pm  VTE Prophylaxis in Severe Head Trauma
*Morgan Sibellenberg, MD*

1:54 pm  Intraabdominal Hypertension: Diagnostic and Therapeutic Challenges
*Caroline Park, MD*
KEYNOTE SPEAKERS

Frank Gardner, BBC Security Correspondent

Frank Gardner is the BBC’s award-winning Security Correspondent, reporting on a wide range of global security and terrorism stories. He has written three Sunday Times bestsellers: Blood and Sand, Ka Horizons and Crisis. His bestseller Crisis will become a Hollywood TV series.

While filming in Saudi Arabia in 2004, Frank was shot six times at close range by terrorists but survived after numerous operations and many months of hospitalization. From 1997-2000 Frank was the BBC’s Gulf Correspondent in Dubai, then BBC Middle East Correspondent in Cairo. He was awarded the OBE by HM the Queen in 2005 for services to journalism, Honorary Doctorates of Laws from 7 British universities, the McWhirter Award for Bravery, Spain’s El Mundo Prize for International Journalism, the UAE’s Zayed Medal for Journalism and voted Person of the Year by the UK Press Gazette.

Margaret P. Knudson, MD, FACS

Margaret (Peggy) Knudson MD, FACS is a Professor at the University of California at San Francisco. For 20 years, she served as the Director of the San Francisco Injury Center for Research and Prevention, one of the first CDC-funded Centers nationally. Her research focuses on resuscitation, venous thromboembolic disease, and pediatric injury prevention. Dr. Knudson served on the Committee on Trauma for 17 years, including four years as the Vice-Chair for the central COT. She was awarded the National Safety Council Award from the COT/AAST for her work in trauma and injury prevention. She has also been on the Board of Managers of both the Western Trauma Association and the American Association for the Surgery of Trauma. She served as the Science Chair for the National Trauma Institute for 4 years and continues on their Board of Directors. Dr. Knudson has recently been appointed as the Medical Director for the Military Health System Strategic Partnership with the American College of Surgeons.

PROGRAM

Friday, July 20, 2018

2:02 pm Post-Traumatic Cardiac Arrest: Addressing Ischemia and Reperfusion May Be the Solution
Bradley Allen, MD

2:10 pm Enterocutaneous Fistulas: The Nightmare of Local Control!
Mark Kaplan, MD

2:18 pm Discussion

Session 19: International Medicine: USC Surgeons Abroad
Moderator: Margaret P. Knudson, MD

2:25 pm Estabishing a Trauma Program in China: The USC-Nanshan Hospital Experience
Jerry Wu, MD

2:45 pm Management of Complex Wounds: Experience From Africa
Joseph N. Carby, MD

3:05 pm Christmas Island: Medicine in a Really Austere Environment!
Lydia Lam, MD

3:25 pm Discussion

3:30 pm Break

Session 20: Rheeopardy
Moderator: Peter Rhee, MD

4:00 pm Panel
Residents

5:00 pm Adjourn
FACULTY

SYMPOSIUM DIRECTORS
Keck School of Medicine of USC
Los Angeles, California

Demetrios Demetriades, MD, PhD, FACS
Professor of Surgery
Director, Division of Acute Care Surgery
Division of Acute Care Surgery and Surgical Critical Care

Kenji Inaba, MD, MSc, FACS, FRCSC
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Medical Director, Surgical ICU
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Assistant Professor of Clinical Surgery and Emergency Medicine
Division of Acute Care Surgery and Surgical Critical Care

Elizabit Benjimin, MD, PhD, FACS
Assistant Professor of Clinical Surgery and Emergency Medicine
Division of Acute Care Surgery and Surgical Critical Care

GUEST FACULTY

Carlos V.R. Brown, MD, FACS
Associate Professor and
Vice-Chairman of Surgery
Chief of Trauma
University Medical Center Brackenridge
Austin, TX

Ramon F. Cestero, MD, FACS, FCCM
Associate Professor
Clinical Program Director, Surgical Critical Care Fellowship
Program Director, Trauma Surgery Fellowship
Medical Director, Surgical Trauma Intensive Care Unit
UT Health, School of Medicine
San Antonio, TX

H. Gill Cryer, MD, PhD, FACS
Professor and Chief
Division of Trauma and Acute Care Surgery
David Geffen School of Medicine at UCLA
Los Angeles, CA

Lil Delcampo
Associate General Counsel
USC Health Sciences

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Assistant Professor
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Professor of Surgery and
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Medical Director, Marcus Trauma Center
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Stacy Shackellord, MD, FACS
Colonel, Medical Corps, United States Air Force
Associate Professor of Surgery
Unified Services
University of Health Sciences
Director of Performance Improvement
Joint Trauma System
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Associate Professor of Surgery

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Captain, Medical Corps, US Navy
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Division of Plastic and Reconstructive Surgery

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Chair, Emergency Medicine
Department of Emergency Medicine

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Division of Acute Care Surgery and Surgical Critical Care

J. Perren Cobb, MD, FACS, FCCM
Professor of Clinical Surgery and Anesthesiology
Director, Surgical Critical Care
Division of Acute Care Surgery and Surgical Critical Care

Marc Eckstein, MD, MPH, FACEP
Professor of Emergency Medicine
Director of Pre-Hospital Care, LAC+USC Medical Director, LA Fire Department

Mark Fleming, DO
Captain, Medical Corps, US Navy
Clinical Associate Professor of Orthopedics
Navy Trauma Training Center

Astrid H. Hegar, MD
Professor of Clinical Pediatrics
Executive Director, Violence Intervention Program

Paul Holtom, MD
Hospital Epidemiologist
Adjunct Clinical Professor of Medicine and Orthopedics

Meghan Lewis, MD, FACS
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

Gregory Magec, MD
Assistant Professor of Clinical Surgery
Division of Vascular Surgery

Geoffrey S. Marecek, MD
Assistant Professor of Clinical Orthopaedic Surgery
Department of Orthopaedic Surgery

Kazuhide Matsushima, MD, FACS
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

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Clinical Assistant Professor of Anesthesiology
Assistant Director of Clinical Operations,
Operation Room Coordinator
Department of Anesthesiology
LAC+USC Medical Center

Brian Mecklenburg, MD
Commander, Medical Corps, US Navy
Assistant Professor of Anesthesiology
Uniformed Services University
Navy Trauma Training Center

Lee Myers, MD
Assistant Professor of Clinical Radiology
LAC+USC Medical Center

Thomas Noguchi, MD
Professor Emeritus
Surgery and Emergency Medicine

Travis M. Polk, MD, FACS
Commander, Medical Corps, US Navy
Assistant Professor of Surgery
Uniformed Services University
Director, Navy Trauma Training Center

Brad Spellberg, MD, FIDSA, FACP
Professor of Medicine
Chief Medical Officer
LAC+USC Medical Center
Associate Dean, Clinical Affairs

Vaughn A. Starnes, MD
Distinguished Professor and Chair, Department of Surgery
H. Russell Smith Foundation Chair, Executive Director of the Cardiovascular Thoracic Institute

Aaron Struwwasser, MD, FACS
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Division of Acute Care Surgery and Surgical Critical Care

Shihab Sugiein, MD
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Department of Anesthesiology

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Director, Trauma Anesthesiology
Department of Anesthesiology
LAC+USC Medical Center
**FACULTY**

**Keck School of Medicine of USC and LAC+USC Medical Center**

**Carin Van Zyl, MD**  
Assistant Professor of Medicine  
Director, Adult and Pediatric Palliative Care  
Palliative Care, USC Department of Medicine

**Paul Wisniewski, DO**  
Commander, Medical Corps, US Navy  
Assistant Professor of Surgery  
Uniformed Services University  
Navy Trauma Training Center

**SURGICAL CRITICAL CARE FELLOWS**  
Vincent Chong, MD  
Matthew Faresfiere, MD  
Jessica Keeley, MD  
Bryan Love, MD  
Zachary Warriner, MD

**TRAUMA FELLOWS**  
James Bardey, MD  
Caroline Park, MD  
Morgan Schellenberg, MD

**COURSE OBJECTIVES**

At the conclusion of the program the participant should be able to:

- Outline optimal care in the prehospital setting.
- Integrate new technology and devices for monitoring and treatment in trauma and critical care.
- Outline methods to improve mass casualty and disaster planning at your home institution.
- Plan an evidence-based approach to current controversies in trauma and critical care patient management.
- Devise methods to improve organ donation programs at your home institution.
- Integrate new temporizing and definitive management options for complex surgical disease.

**COURSE INFORMATION**

**Course Proceedings**  
Emailed to all registrants prior to the conference. An updated link to the course proceedings is also emailed after the conference.

**Meeting Location**  
Langham Huntington Hotel, 1401 S. Oak Knoll Drive, Pasadena, CA 91106

**Parking**  
Vilet parking is discounted $29 overnight/$14 daily.

**Hotel**  
To book a room at the Langham Huntington, call (626) 568-3900 and ask for group reservations. Mention USC Trauma Symposium or the Keck School of Medicine of USC to receive the special rate under the room block. Room rate is $239 Deluxe King accommodations.

**Please make reservations before June 18, 2018 to secure rate.**

**Currency**  
All registration payments must be in US currency.

**Accreditation Statement**  
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.

**Credit Designation**  
The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Self-Assessment CME Credit, Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program: This activity has also been designated as Self-Assessment CME credit, applicable to Part 2 of the ABS MOC Program.

For additional information on the ABS MOC program and its requirements, visit the ABS website: www.absurgery.usg.

These courses have been approved for 16 hours of continuing education by California EMS CE Provider #19-0012. Objectives available upon request.
REGISTRATION FORM

25th Annual USC National Trauma, Emergency Surgery and Surgical Critical Care Symposium on July 19-20, 2018

NAME .......................................................... ..............................................

DEGREE .......................................................... _ MEDICAL LICENSE# ..............

TELEPHONE .......................................................... FAX ....................................

ADDRESS ...........................................................................................................

CITY .......................................................... STATE ...........................................

ZIP CODE .......................................................... SPECIALTY ..............................

EMAIL ADDRESS* .......................................................... ..............................

INSTITUTIONAL AFFILIATION _________________________________________________

* Correspondence and confirmations are sent by email.

TUITION

Early registration fees apply until July 13, 2018, noon, PDT.

Physician  □ $500 July 19-20   □ $300 One Day Attendance

Allied Health Professional □ $375 July 19-20   □ $200 One Day Attendance

Fellow/Resident/Student □ $300 July 19-20   □ $175 One Day Attendance

Late registration fees apply after July 13, 2018, noon, PDT.

Physician  □ $550

Allied Health Professional □ $425

Fellow/Resident/Student □ $350

METHOD OF PAYMENT

□ Check (Payable to USC)  No cash accepted.

□ Credit Card (American Express, Mastercard or Visa only)

Credit Card Number .......................................................... ..............................

Expiration Date .......................................................... Security Code ........................

Authorized Signature .......................................................... Amount $ ........................

REGISTRATION

Mail completed registration form and check payment to:

Office of CME, 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033

Online: www.usc.edu/cme. Go to Quick Links, click on Conference Calendar

Phone: (323) 442-2555 or toll-free: 1(800) USC-1119 1 Fax: 1(888) 665-8650

Email: usccme@usc.edu 1 Website: www.usc.edu/cme

On site payment: Huntington Ballroom at the Langham Huntington

July 19, 2018: 6:30 am 1 July 20, 2018: 7:00 am

Cancellation Policy

Registration cancellations must be received by the USC Office of CME by fax or email
by July 13, 2018, noon, PDT for a refund of tuition to be issued. A $50 cancellation fee
will be applied. USC will not refund any travel costs incurred.

In the event of course cancellation by conference organizers, all registration fees will be
fully refunded. USC will not refund any travel costs incurred.
Keck School of Medicine of USC
Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033

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