24th Annual
USC National Trauma, Emergency Surgery and Surgical Critical Care Symposium

Thursday and Friday
July 13–14, 2017
Langham Huntington
Pasadena, California

Presented by:
The Division of Acute Care Surgery
USC Office of Continuing Medical Education
Institute of Continuing Education for Nurses, Department of Nursing
Los Angeles County+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 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 and video sessions. 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 12, 2017

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 13, 2017

6:15 am Registration and Breakfast
7:30 am Welcome
Demetrios Demetriades, MD, PhD
7:35 am Opening Remarks
Robit Varma, MD, MPH

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

7:45 am The Role of Midlevel Providers in Prehospital Care
Marc Eckstein, MD
8:00 am Prehospital Resuscitation: Pelvic Binders, Blood Transfusions, TIXA: Ready for Routine Use?
Brant Putnam, MD
8:15 am Compressible and Non-Compressible Bleeding: Prehospital Management!
Stacey Shackelford, MD
8:30 am Prehospital Needle Thoracotomy: Use, Abuse and Pitfalls
Martin Schreiber, MD
8:45 am Discussion

Session 2: In the ICU: Difficult Decisions!
Moderator: Perren Cobb, MD

9:00 am ECMO in Trauma
David Shavelle, MD
9:15 am Pulmonary Embolism: Unfractionated Heparin, LMWH, Thrombolysis or Mechanical Intervention?
Damon Clark, MD

9:30 am Surviving Sepsis Guidelines: Saving Lives or Perpetuating a Fallacy?
Meghan Lewis, MD

9:45 am Ventilator-Associated Events, Ventilator-Associated Complications, Possible VAP, Probable VAP and More Confusion!
Paul Holtom, MD

10:00 am Open vs. Percutaneous and Early vs. Late Tracheostomy in the ICU
Michael Sise, MD

10:15 am Immunonutrition for the Critically Ill Surgical Patient: Useful, Harmful or Does It Matter?
Daniel Margulies, MD
10:30 am  Discussion
10:45 am  Break

Session 3: Keynote Lecture
Moderator: Demetrios Demetriades, MD, PhD

11:15 am  Challenging Dogma in Trauma: A Personal Odyssey
Kenneth Mattos, MD

Session 4: Rapid Session: Capsule Comments
意义 Non-Trauma Abdominal Surgical Emergencies: Challenging Dogma
Moderator: Daniel Margulies, MD

11:45 am  Optimal Timing for Cholecystectomy in Acute Cholecystitis
Kazuhide Matsushima, MD

11:52 am  Appendicitis: Straight to the Operating Room or Treat with Antibiotics?
Morgan Schellenberg, MD

11:59 am  Non-Operative Management of Complicated Appendicitis: Is Interval Appendectomy the Standard of Care?
James Bardes, MD

12:06 pm  Acute Care Imaging: What to Order and Why?
Lee Myers, MD

12:13 pm  Emergency Colectomy for Complicated Diverticulitis: Primary Anastomosis or Hartmann's?
Sang Lee, MD

12:20 pm  Discussion
12:35 pm  Lunch

Session 5: Luncheon Session
Moderator: Thomas Berné, MD

12:45 pm  10 Best Papers in Acute Care Surgery 2015-2017
Martin Schreiber, MD

Session 6: Trauma Surgical Education
Moderator: Kenneth Mattos, MD

1:45 pm  Trauma Surgical Education in 2017
Maura Sullivan, PhD

2:00 pm  Cadaver Simulation for Trauma Training
Elizabeth Benjamin, MD, PhD

2:15 pm  Discussion

Session 7: REBOA Debate
Moderator: Kenji Inaba, MD

2:30 pm  Widespread Use is the Wave of the Future!
Carlos Brown, MD

2:45 pm  Another Useless Device!
David Spain, MD

3:00 pm  Resolution: Let's Agree!

3:15 pm  Break

Session 8: One Hour with Dimitri: Believe it or Not!
Moderator: Demetrios Demetriades, MD, PhD

3:45 pm  Panel
Mark Kaplan, MD
David Spain, MD
Brant Putnam, MD
Michael Siss, MD
Peter Rhee, MD

4:45 pm  Adjourn

Friday, July 14, 2017

6:45 am  Registration and Breakfast

Session 9: Surgical Infections and Enteric Fistulas
Moderator: Mark Kaplan, MD

7:30 am  Severe Soft Tissue Infections: Advances in Local Care
Elizabeth Benjamin, MD, PhD

7:45 am  Preventing Surgical Site Infections
Aaron Strumwasser, MD

8:00 am  Enteric Fistulas: Optimizing Management
Mark Kaplan, MD

8:15 am  Discussion

Session 10: Trauma Anesthesia and Critical Care
Moderator: Joshua Tobin, MD

8:25 am  VTE Prophylaxis in Trauma - When Do I Start It?
H. Gill Cryer, MD, PhD

ACKNOWLEDGEMENT
The Division of Acute Care Surgery, Institute of Continuing Education for Nurses, Department of Nursing and Los Angeles County-USC Medical Center is grateful to KCI for an educational grant in support of the symposium.
8:40 am  Transfusion Therapy Including Viscoelastic Testing  
Shibab Sugeir, MD

8:55 am  Airway Management for the Trauma Patient  
Rodney McKeever, MD

9:10 am  Beta Blockers in the Critically Ill Patient: The Evidence!  
Subarna Biswas, MD

9:25 am  Physiologic Monitoring During Active Resuscitation  
Joshua Tobin, MD

9:40 am  Discussion

Session 11: Keynote Lecture
Moderator: Demetrios Demetriades, MD, PhD

9:55 am  Leadership and Operational Decision Making—Fundamentals from Spaceflight  
Leroy Chiao, PhD
NASA Astronaut and 
ISS Commander

10:30 am  Break

Session 12: The Coroner’s Corner
Moderator: Lakshmanan Sathyavagiswaran, MD

11:00 am  Stand-In for Murder  
Craig Harvey, BS, F-ABMDI

11:20 am  The Michael Jackson Case  
Lakshmanan Sathyavagiswaran, MD

11:40 am  Discussion

Session 13: Military Session: Putting Lessons Learned on the Battlefield to Work on Our Streets
Moderator: Travis M. Polk, MD

11:55 am  TCCC: Tactical Combat Casualty Care—Prehospital Update  
Rodd Benfield, MD

12:10 pm  NASEM Report on Integrating Military and Civilian Trauma Centers  
Stacey Shackelford, MD

12:25 pm  Implementing STOP THE BLEED  
Travis M. Polk, MD

12:40 pm  Discussion

12:50 pm  Lunch

Session 14: Luncheon Session
Moderator: Elizabeth Benjamin, MD, PhD

1:00 pm  Updates on Local and Systemic Hemostatic Agents  
Peter Rhee, MD

Session 15: Critical Care: Organ Donation
Moderator: Lydia Lam, MD

2:00 pm  The Human Aspects of Organ Donation and Transplantation—Facts, Figures, and Faces  
Kenneth Moritsugu, MD, MPH,  
FACPM, RADM, USPHS (Ret)

2:30 pm  Pediatric Organ Donation  
Jeffrey Upperman, MD

2:45 pm  Bedside Family Care  
Maybeth Cala Francon, RN

3:00 pm  Discussion

3:15 pm  Break

Session 16: Rheoapathy: The Best Fellow
Moderator: Peter Rhee, MD

3:45 pm  Rheoapathy!  
Panel:
Caroline Park, MD—LAC+USC
Rich Vasak, MD—Harbor—UCLA
TBD, Cedars-Sinai Medical Center

4:35 pm  Raffle/Adjourn  
Lydia Lam, MD
Elizabeth Benjamin, MD, PhD
KEYNOTE SPEAKERS

Leroy Chiao, PhD: Former NASA Astronaut, International Space Commander

Leroy Chiao is a former NASA astronaut and International Space Station commander. A veteran of four space missions, Dr. Chiao most recently served as Commander and NASA Science Officer of Expedition 10 aboard the International Space Station. He has logged over 229 days in space - over 36 hours of which were spent in Extra Vehicular Activity (EVA, or spacewalks). In 2009, he served on the White House appointed Review of U.S. Human Spaceflight Plans Committee, and currently serves on the NASA Advisory Council.

A native English speaker, Dr. Chiao also speaks Mandarin Chinese and Russian. He has flown space missions and worked closely with Russian, Japanese and European Astronauts and their affiliated space agencies. A Space Station Commander and Space Shuttle Mission Specialist, Dr. Chiao was also a certified Co-Pilot of the Russian Soyuz spacecraft. He is an expert in all facets of U.S. and Russian EVA hardware and operations and is EVA certified in U.S. and Russian spacesuits, tools, and training programs.

Kenneth L. Mattox, MD: Distinguished Service Professor, Michael E. DeBakey Department of Surgery at Baylor College of Medicine and Chief of Staff/Chief of Surgery at the Ben Taub General Hospital, Houston, Texas

Kenneth L. Mattox, MD, is one of the most recognized surgeons in America and the world. His name has become synonymous with trauma education, research and innovation. He is Distinguished Service Professor of the Michael E. DeBakey Department of Surgery at Baylor College of Medicine and Chief of Staff/Chief of Surgery at the Ben Taub General Hospital, Houston, TX. He has made original and significant contributions in trauma and authored over 600 articles and more than 1000 abstracts. His textbook, Trauma, is an international best seller. He is co-editor of the Sabiston Textbook of Surgery, now in its 19th edition and recognized throughout the world. Additionally, he has co-authored Top Knife, a best seller, which has been translated into eight foreign languages. Dr Mattox served in leadership positions in numerous professional organizations, including the American College of Surgeons and the AAST. He has been a visiting professor or keynote speaker in more than 60 countries and has been honored with more honorary fellowships and national society memberships than any other trauma surgeon in the world.

Kenneth P. Moritsugu, MD, MPH, FACP: Rear Admiral, USPHS (Retired)

Dr. Moritsugu obtained his MD from the George Washington University in Washington DC. He subsequently got his Master of Public Health in Health Administration and Planning from the University of California, Berkeley, in 1975. He is board certified in Preventive Medicine.

Rear Admiral Kenneth Moritsugu served in many diverse assignments in uniform, including Acting Surgeon General of the United States.

Admiral Moritsugu has received numerous honors and awards, including the Surgeon General’s Medallion with two gold stars, twelve honorary degrees, and Distinguished Service Medals from the USPHS, the Federal Bureau of Prisons, and the Uniformed Services University of the Health Sciences.

He currently serves on the Board of Directors for the Washington Regional Transplant Community. He has spoken extensively both internationally and domestically on this subject. Most recently, he was a keynote speaker at the White House Summit on Organ Donation, in June 2016.

Dr. Kenneth P. Moritsugu lost his wife, Donna Lee Jones Moritsugu, in an automobile accident in 1992, and his daughter Vikki Lianne in a separate automobile accident in 1996. Both were organ and tissue donors. He has been intimately involved with organ and tissue donation and transplantation ever since.
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

Kenji Inaba, MD, MSc, FACS, FRCSC
Associate Professor of Surgery
Medical Director, Surgical ICU
Division of Acute Care Surgery and Surgical Critical Care

Lydia Lam, MD, FACS
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

Elizabeth Benjamin, MD, PhD
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

SPECIAL INVITED GUESTS

Rohit Varma, MD, MPH
Dean, Keck School of Medicine of USC
May S. and John Hooval Dean’s Chair in Medicine
Grace and Emery Beardsley Chair in Ophthalmology
Chai, USC Care Board of Directors
Los Angeles, CA

GUEST FACULTY

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

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

Marianne Gausche-Hill, MD, FACEP, FAAP
Medical Director, Los Angeles County
EMS Agency
Professor of Clinical Medicine and Pediatrics
David Geffen School of Medicine at UCLA
Los Angeles, CA

Craig Harvey, BS, F-ABMDI
Coroner-Operations Consultant
LA County

Mark Kaplan, MD, FACS
Professor of Surgery and
Director of Acute Care Surgery
Albert Einstein Medical Center
Philadelphia, PA

Daniel Margulies, MD, FACS
Chief, Acute Care Surgery
Professor of Surgery
Cedars Sinai Medical Center
Los Angeles, CA

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Professor of Surgery
David Geffen School of Medicine at UCLA
Chief, Division of Trauma/Acute Care Surgery/Surgical Critical Care
Harbor-UCLA Medical Center
Los Angeles, CA

Peter Rhee, MD, MPH, FACS
Professor of Surgery
Director of Trauma,
Critical Care and Emergency Surgery
University of Arizona
Tucson, AZ

Lakshmanan Sathyavagiswaran, MD
Former Chief Coroner of LA County
Los Angeles, CA

Martin Schreiber, MD
Professor and Chief
Division of Trauma, Critical Care and Acute Care Surgery
Oregon Health and Science University
Portland, OR

Stacey Shackelford, MD, FACS
Colonel, Medical Corps, United States Air Force

Michael Sise, MD, FACS
Director of Trauma
Scripps Mercy Hospital
Clinical Professor
UC San Diego
San Diego, CA

David Spain, MD, FACS
Professor of Surgery
Stanford University School of Medicine
Chief of Trauma/Critical Care Surgery
Stanford University Medical Center
Stanford, CA
FACULTY
KECK SCHOOL OF MEDICINE
OF USC and
LAC+USC MEDICAL CENTER

Rodd Benfield, MD, FACS
Captain, Medical Corps, U.S. Navy

Thomas Berne, MD, FACS
Professor Emeritus of Surgery

Subarna Biswas, MD
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

Damon Clark, MD
Assistant Professor of Clinical Surgery
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 Center, LA Fire Department

Maybeth Cala Francone, RN, BSN
Clinical Instructor
LAC+USC Network
College of Nursing and Allied Health

Paul Holton, MD
Hospital Epidemiologist
LAC+USC Medical Center
Adjunct Clinical Professor of Medicine and Orthopaedics

Sang Lee, MD
Chief of Colon Rectal Surgery
Professor of Clinical Surgery
Division of Colorectal Surgery

Meghan Lewis, MD
Assistant Professor of Clinical Surgery

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

Rodney McKeeve, MD, DABA, FCCP
Clinical Assistant Professor of Anesthesiology
Assistant Director of Clinical Operations, Operation Room Coordinator
Department of Anesthesiology
LAC+USC Medical Center

Lee Myers, MD
Assistant Professor of Clinical Radiology

Travis M. Polk, MD, FACS
Commander, Medical Corps, U.S. Navy
Assistant Professor of Clinical Surgery
Navy Trauma Training Center

David Shavelle, MD
Associate Professor of Clinical Medicine
Division of Cardiovascular Medicine
Director, Cardiac Catheterization Laboratories
LAC+USC Medical Center
Director, Cardiovascular Fellowship Program

Aaron Strumwasser, MD
Assistant Professor of Clinical Surgery
Division of Acute Care Surgery and Surgical Critical Care

Shihab Sugeir, MD
Assistant Professor of Anesthesiology
Department of Anesthesiology

Maura E. Sullivan, PhD, MSN
Associate Professor of Clinical Surgery
Associate Dean for Education Simulation, Keck School of Medicine
Executive Director of the Surgical Stimulation and Education Center, USC

Joshua M. Tobin, MD
Associate Professor of Anesthesiology
Director, Trauma Anesthesiology
Department of Anesthesiology

Jeffrey Upperman, MD, FACS, FAAP
Associate Professor of Surgery
Director, Trauma Program
Children Hospital Los Angeles

FELLOWS

James Bardes, MD
Trauma Fellow

Caroline Park, MD
Trauma Fellow

Morgan Schellenberg, MD
Trauma Fellow

Rich Vasak, MD
Surgical Critical Care Fellow
Harbor-UCLA
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
Provided to all registrants on a flash drive at on site check-in.

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

Parking
Valet 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 $229 Deluxe King or $199 Classic King. Please make reservations before June 9, 2017.

Cancellation Policy
Registration cancellations must be received by the USC Office of CME by fax or email by July 7, 2017, 4:00 pm PST 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.

Currency
All registration payments must be in U.S. 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 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP00105 for 16 contact hours. These courses have been approved for 13.5 hours of continuing education by California EMS CE Provider #19-0012. Objectives available upon request.
REGISTRATION FORM
24th Annual USC National Trauma, Emergency Surgery and Surgical Critical Care Care Symposium on July 13-14, 2017

NAME ________________________________ MEDICAL LICENSE# __________________________

TELEPHONE ________________________________ FAX ________________________________

ADDRESS ________________________________________________________________

CITY ________________________________ STATE ________________________________

ZIP CODE ________________________________ SPECIALTY ________________________________

EMAIL ADDRESS* ________________________________

INSTITUTIONAL AFFILIATION ________________________________

SPECIAL DIETARY OR PHYSICAL NEEDS ________________________________

* Correspondence and confirmations are sent by email.

TUITION
Early registration fees apply until July 7, 2017, noon PST.
Physician □ $500 July 13-14 □ $300 One Day Attendance
Allied Health Professional □ $375 July 13-14 □ $200 One Day Attendance
Fellow/Resident/Student □ $300 July 13-14 □ $175 One Day Attendance
Optional Printed Syllabus □ $35 Must be pre-ordered and paid by June 30, 2017.
Note: Complimentary flash drive of the syllabus distributed onsite.

Late registration fees apply after July 7, 2017 at noon PST.
Physician □ $550
Allied Health Professional □ $425
Fellow/Resident/Student □ $350

METHOD OF PAYMENT
□ Check (Payable to USC) □ Credit Card (Visa or Mastercard only)
No cash accepted.

Visa/Mastercard # ________________________________ Expiration Date ____________
Three digit security code on back of card ______

Authorized Signature ________________________________ Amount $ __________________

REGISTRATION
Mail completed registration form and check payment to:
Office of CME, 1540 Alcazar Street, CHP 223, Los Angeles, California, 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 13, 2017: 6:15 am 1 July 14, 2017: 6:45 am

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