

Keck School of Medicine of **USC**



29th Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium

Thursday, May 25, 2023 – Friday, May 26, 2023

**Langham Huntington in Pasadena
Hybrid Conference**

Eligible for
American Board
of Surgery (ABS)-MOC
self-assessment credit
maximum of 16.75
AMA PRA Category 1
Credits™

Presented by:

The Division of Acute Care Surgery, USC Office of Continuing Medical Education and
Institute of Continuing Education for Nurses, Department of Nursing

PROGRAM AGENDA

Thursday, May 25, 2023

- 6:30 am Continental Breakfast and
Live Registration
- 7:00 am Virtual Login Begins
- 7:15 am Welcome
*Demetrios Demetriades, MD,
PhD*
Opening Remarks
Jorge Orozco
CEO, LAC+USC Medical Center

Session 1: Prehospital and Emergency Department

Moderator: Kenji Inaba, MD, MSc

- 7:30 am Air 5 Flight Medics
Dana Vilander
- 7:45 am Tips and Pitfalls in the Evaluation
and Management of the Pregnant
Trauma Patient
Areti Tillou, MD
- 8:00 am Shock Index or Systolic Blood
Pressure for Trauma Team
Activation?
Angelica Loza-Gomez, MD
- 8:15 am Hypertonic Saline or Mannitol in
Severe Traumatic Brain Injury:
What is the Evidence?
Raul Coimbra, MD, PhD
- 8:30 am The Multi-Trauma Patient with
Intra-Abdominal Bleeding and a
Low GCS: CT Scan or Operating
Room?
Daniel R. Margulies, MD

8:45 am Discussion

Session 2: Military Session

Moderator: CDR Obinna Ugochukwu, MD

- 8:55 am LAC+USC Medical Center and
US Navy Trauma Training
Program: 20 Years of Productive
Partnership
CDR Jeffrey C. Chao, MD
- 9:10 am Military & Civilian Collaborations
in Trauma Training: Where Are We
in 2023?
COL Stacy A. Shackelford, MD
- 9:25 am Humanitarian Trauma Care by
US Military During Combat
Operations in Afghanistan and
Iraq
COL Jennifer M. Gurney, MD

9:40 am Discussion

9:50 am Break

Session 3: Distinguished Professor and Keynote Speaker

Moderator: Demetrios Demetriades, MD, PhD

- 10:20 am Keynote Lecture: Controlling Risk,
in a Dangerous World
*Jim Wetherbee, Captain,
US Navy (Ret.), Former Astronaut,
NASA*

Thursday, May 25, 2023

Session 4: Challenging Problems in Acute Care Surgery!

Moderator: COL (ret.) Matthew Martin, MD

- 10:55 am Necrotizing Pancreatitis:
Optimizing Outcomes
Lt. Col. (ret.) Jay J. Doucet, MD
- 11:05 am Reducing the Risk of
Postoperative Recurrent Adhesive
Small Bowel Obstruction
Brant A. Putnam, MD
- 11:15 am Preoperative Discontinuation of
Pharmacological VTE Prophylaxis:
Finding the Perfect Risk/Benefit
Balance
Rodney McKeever, MD
- 11:25 am Routine or Selective VTE
Surveillance in the ICU for Trauma
Patients?
Elliot Williams, MD
- 11:35 am Management of Uncomplicated
Acute Appendicitis: Challenging
Decades of Standard of Care!
Subarna Biswas, MD, PhD
- 11:45 am Discussion
- 11:55 am Lunch Pick-Up

Session 5: The Kenneth L. Mattox Luncheon Session

Moderator: Demetrios Demetriades, MD, PhD

- 12:05 pm Ergonomics in Surgery
Kenneth L. Mattox, MD

Session 6: Organ Donation

Moderator: Lydia Lam, MD

- 12:55 pm Special Guest
- 1:05 pm Specialized Centers for the Care
of Organ Donors:
The LA Experience
Aaron Cohen
- 1:20 pm Thoracic Organs from the DCD
Victor Pretorius, MBChB

1:35 pm Discussion

Session 7: Better Trauma and Emergency Surgery Care and Critical Care

Moderator: Michael Sise, MD

- 1:45 pm Necrotizing Soft Tissue Infections:
Diagnostic and Therapeutic Skills
Edward E. Cornwell III, MD
- 1:55 pm Ultrasonography for the
Intensivist
Meghan Lewis, MD
- 2:05 pm The Use and Abuse of
Vasopressors in the ICU
Bradley Allen, MD
- 2:15 pm Discussion
- 2:20 pm Break

PROGRAM AGENDA

Thursday, May 25, 2023

Session 8: Challenging Controversies in Trauma: The REBOA Story

Moderator: Kenneth L. Mattox, MD

- 2:50 pm REBOA in 2023: What Is the Evidence?
Peter Rhee, MD, MPH
- 3:00 pm REBOA in Non-Trauma Emergencies
Kazuhide Matsushima, MD
- 3:10 pm REBOA in Severe Multi-Trauma: The Unknown Complications That We Should Know!
Areg Grigorian, MD

3:20 pm Discussion

Session 9: Capsule Commentaries: Trauma Care

Moderator: Kazuhide Matsushima, MD

- 3:25 pm Reducing the Risk of Surgical Wound Infection
Alpen Nacar, MD
- 3:42 pm Pressure Ulcers in the ICU: Can We Do Better?
John Peter Gruen, MD
- 3:49 pm Rib Fixation for Flail Chest in the High Risk Obese or Chronic Cardiorespiratory Patient!
Galinos Barmparas, MD
- 3:56 pm Rib Fixation for Flail Chest: Liberal or Highly Selective?
Eugenia Lee, MD, MPH
- 4:03 pm Asymptomatic COVID Trauma Patients: Worse Outcomes, More Hospital Resources
Lydia Lam, MD
- 4:10 pm Burn Resuscitation: Crystalloid or Colloids?
Blair Smart, MD, MPH
- 4:17 pm Discussion

Session 10: One Hour With Dimitri: Believe It or Not!

Moderator: Demetrios Demetriades, MD, PhD

- 4:20 pm Panel
Raul Coimbra, MD, PhD
Lt. Col. (ret.) Jay J. Doucet, MD, MSc
Mark Kaplan, MD
Daniel R. Margulies, MD
Kenneth L. Mattox, MD
Brant A. Putnam, MD

Session 10A: Updates from the Battlefield in Ukraine

- 5:20 pm Updates and Trauma Lessons Learned From the Battlefield in Ukraine
Andrii Tkachenko, MD
- 5:40 pm Adjourn

Friday, May 26, 2023

- 7:00 am Continental Breakfast and Live Registration

- 7:15 am Virtual Login Begins

Session 11: In the ICU

Moderator: Meghan Lewis, MD

- 7:30 am Immunonutrition in the ICU
Trauma Patient: Facts and Myths!
Anaar E. Siletz, MD, PhD
- 7:40 am Delirium in the ICU: Prevention, Diagnosis, and Treatment
Edward Cho, MD
- 7:50 am Probiotics for Infection Prevention in ICU: Do They Work?
Jamie Knell, MD
- 8:00 am VTE Pharmacological Prophylaxis in the Severe Multi-Trauma ICU Patient: Optimal Time and Type
Eric J. Ley, MD
- 8:10 am Striving for Better Outcomes: Data Science in Intensive Care
J. Perren Cobb, MD
- 8:20 am Discussion

Session 12: Community and Trauma Programs

Moderator: Damon H. Clark, MD

- 8:30 am Nursing Magnet Status: Impact on Patient Care and Outcomes
Nancy Blake, PhD, RN, CCRN, NEA-BC
- 8:40 am Should Age Be a Criterion for TTA?
Morgan A. Schellenberg, MD, MPH
- 8:50 am Geriatric Trauma: The New Trauma Verification Requirements
Sixta Navarette, RN
- 9:00 am Discussion

Session 13: Keynote Speaker

Moderator:

Demetrios Demetriades, MD, PhD

- 9:10 am Outcomes Disparities in Trauma: Who, Why, When!
Edward E. Cornwell III, MD
- 9:45 am Break

PROGRAM AGENDA

Friday, May 26, 2023

Session 14: The Tom Noguchi

Session: Coroner's Corner

Moderator: Thomas Noguchi, MD

10:15 am Evaluation of Gunshot Wounds in Forensic Pathology
Odey C. Ukpo, MD, MS

10:45 am Discussion

Session 15: Video Sessions: How To...

Moderator: Elizabeth R. Benjamin, MD, PhD

10:52 am Cricothyrotomy: Technique, Tips and Pitfalls
MAJ Joshua Dilday, DO

11:00 am Thoracostomy Tube Insertion: Technique, Tips and Pitfalls
Chance Nichols, MD

11:08 am Intraosseous Access: Technique, Tips and Pitfalls
Jennie Kim, MD

11:16 am Cardiac Repair: Technique, Tips and Pitfalls
Amanda Hambrecht, MD

11:24 am Vascular Shunts for Damage Control: Technique, Tips and Pitfalls
Kelly Boyle, MD

11:32 am Discussion

11:45 am Lunch Pick-Up

Session 16: Luncheon Session

Moderator: Demetrios Demetriades, MD, PhD

12:00 pm Pursuing Excellence Through the Quality Improvement Process
Brad Spellberg, MD

Session 17: Challenging and Controversial Issues in Trauma

Moderator: Edward E. Cornwell, III, MD

12:40 pm Prophylactic Angioembolization of Solid Organs: A Risk-Free Procedure?
COL (ret.) Matthew Martin, MD

12:50 pm Routine Screening for False Aneurysms After Solid Organ Injury: Should It Be the Standard of Care?
Morgan A. Schellenberg, MD, MPH

1:00 pm Occlusion of the Left Subclavian Artery in Stenting Thoracic Aortic Injuries: Consequences
Gregory A. Magee, MD

1:10 pm Carotid Artery Injury with Neurological Deficits: Repair, Ligation or Observation?
Michael Sise, MD

Friday, May 26, 2023

1:20 pm Intraoperative Retroperitoneal Hematomas
Elizabeth R. Benjamin, MD, PhD

1:30 pm Discussion

Session 18: Debate: Damage Control in Trauma Revisited

Moderator: Kenji Inaba, MD, MSc

1:40 pm Early and Liberal Damage Control Improves Outcomes
Mark Kaplan, MD

1:55 pm Damage Control Has Been Overused and Results in Adverse Outcomes
Peter Rhee, MD, MPH

2:00 pm Resolution: Let's Agree!

2:10 pm Break

Session 19: Challenging Dilemmas

Moderator: Lydia Lam, MD

2:40 pm Peripheral Vascular Trauma: Endovascular or Open Approach?
Raul Coimbra, MD, PhD

2:55 pm Severe Peritonitis: Laparotomy of Demand, Open Abdomen or Postoperative Lavage?
Mark Kaplan, MD

3:10 pm Severe Pelvic Bleeding: Pelvic Binders, Angioembolization, Preperitoneal Packing, Bilateral Internal Iliac Ligation
Elizabeth R. Benjamin, MD, PhD

3:25 pm Colectomy for Complicated Diverticulitis: Diversion, Primary Anastomosis, or Primary Anastomosis with Protective Proximal Stoma?
Glenn T. Ault, MD, MSc

3:35 pm Discussion

Session 20: Rheepardy

Moderator: Peter Rhee, MD, MPH

3:45 pm Panel
*USC-Alpen Nacar, MD
Harbor-UCLA-Jason Cheng, MD
Cedars-Sinai-Jack Stupinski, MD
LLUM-Kristine Bonnick, MD*

Session 21: Closing Remarks

4:30 pm Adjourn
Raffle
Lydia Lam, MD

ACKNOWLEDGEMENT

The Division of Acute Care Surgery, Institute of Continuing Education for Nurses, Department of Nursing is grateful to 3M for an educational grant to support this symposium.

FACULTY

KEYNOTE SPEAKERS

Jim Wetherbee, Captain, US Navy (Ret.) Former Astronaut, NASA

A six-time space traveler, Capt. Jim Wetherbee, USN (ret.), is the only astronaut to have commanded five crews in space, and the only person to have landed the Space Shuttle five times. After graduating from Notre Dame with a degree in Aerospace Engineering, he became a US Naval Aviator and test pilot. In 1984, Jim was selected by NASA. In his twenty-year career, he flew twice to the International Space Station and twice to the Russian space station, *Mir*, and was Director, Flight Crew Operations.

After the Space Shuttle Columbia accident in 2003, Jim was the operational search director, responsible for finding the human remains of the flight crew. In 2005, Jim joined the oil and gas industry as a safety auditor for BP.

In 2010, he was a member of the investigation team for the Deepwater Horizon accident and was the technical editor for their report. For over thirty-five years, Jim's experiences as a test pilot, astronaut, and a safety executive in the oil and gas industry have given him insights into dangerous businesses. He is the author of *Controlling Risk-In A Dangerous World*.



Edward E. Cornwell, III, MD, FACS, FCCM, FWACS (Hon.) The LaSalle D. Leffall Professor of Surgery

Dr. Edward E. Cornwell III has risen through the academic ranks through teaching and clinical appointments at Howard University, the University of Southern California, and Johns Hopkins School of Medicine. He is a former Professor and Chairman, Department of Surgery and former Interim Dean at Howard University Hospital and University College of Medicine. Dr. Cornwell's career interest is in the prevention, treatment, and outcome disparities of traumatic injuries. He has authored or co-authored over 26-articles and chapters and has given over 340 invited presentations in the field. He has delivered the named lecture or keynote address at over 35 institutions and conferences. He is the past deputy editor of JAMA-Surgery and served in leadership positions in numerous national organizations, such as American Association for the Surgery of Trauma, American Board of

Surgery, Society of Critical Care Medicine, the American Surgical Association, and the American College of Surgeons. He served as the President of the Society of Black Academic Surgeons, President of the Surgical Section of the National Medical Association, and Chairman of Trauma Net of Maryland. He is currently the President of the Southeastern Surgical Congress. Dr. Cornwell has received numerous awards and citations for his efforts in education, outreach, and violence prevention.



COURSE DESCRIPTION

The annual *USC National Trauma, Critical Care and Acute Care Surgery Symposium* is presented 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 timely topics for 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 leading-edge management, latest medical controversies and the implementation of practical procedural skills.

COURSE OBJECTIVES

By the end of the course, participants will be able to:

- Outline optimal care in the prehospital and emergency room setting.
- Integrate new technology and devices for monitoring and treatment in trauma and critical care.
- Plan an evidence-based approach to current controversies in trauma, acute care surgery and critical care patient management.
- Integrate new temporizing and definitive management options for complex surgical disease.
- Discuss the importance of organ donation.
- Demonstrate competency in the QI process and how it improves practice.

FACULTY

COURSE DIRECTORS Keck School of Medicine of USC

Demetrios Demetriades, MD, PhD, FACS

Professor of Surgery
Division of Acute Care Surgery and
Surgical Critical Care
Director, Trauma, Emergency
Surgery and Surgical Critical Care
LAC+USC Medical Center

Kenji Inaba, MD, MSc, FACS, FRCSC

Professor and Vice Chair of Surgery
Director, Division of Acute Care
Surgery and Surgical Critical Care
Department of Surgery

Lydia Lam, MD, FACS

Associate Professor of Clinical Surgery
Director, Surgical Critical Care
Fellowship Program
Division of Acute Care Surgery
and Surgical Critical Care
LAC+USC Medical Center

Matthew Martin, MD, FACS, FASMBS

Colonel, Medical Corporal (ret.)
Professor of Clinical Surgery
Division of Acute Care Surgery
and Surgical Critical Care
LAC+USC Medical Center

Kazuhide Matsushima, MD, FACS

Associate Professor of Clinical Surgery
Division of Acute Care Surgery
and Surgical Critical Care
LAC+USC Medical Center

SPECIAL INVITED GUEST

Jorge Orozco

CEO, LAC+USC Medical Center
Los Angeles, CA

GUEST FACULTY

Elizabeth R. Benjamin, MD, PhD, FACS

Professor of Surgery
Trauma Medical Director,
Grady Memorial Hospital
Emory University

Galinos Barmparas, MD, FACS

Associate Professor of Surgery
Associate Trauma Medical Director
Cedars-Sinai Medical Center

Aaron Cohen

Manager, Recovery and
Technical Operations
OneLegacy

Raul Coimbra, MD, PhD, FACS

Surgeon-in-Chief
Riverside University Health System
Medical Center
Professor of Surgery at Loma Linda
University School of Medicine

Lt. Col. (ret.) Jay J. Doucet, MD, MSc, FRCSC, FACS, RDMS

Lt. Col. (ret.) Royal Canadian Air Force
Professor of Surgery
Chief, Division of Trauma, Surgical Critical
Care and Burns
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Areg Grigorian, MD

Assistant Clinical Professor of Surgery
Acute Care Surgery and Surgical Critical Care
University of California, Irvine

Jennifer M. Gurney, MD, FACS

COL, US Army, Medical Corps
Chief, Joint Trauma System

Mark Kaplan, MD, FACS

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Director of Acute Care Surgery
Albert Einstein Medical Center

Eric J. Ley, MD, FACS

Director, Surgical Intensive Care Unit
Director, Surgical Care Fellowship Program
Cedars-Sinai Medical Center

Daniel R. Margulies, MD, FACS

Professor of Surgery
Director of Trauma and Acute Care Surgery
Cedars-Sinai Medical Center

Kenneth L. Mattox, MD, FACS

Distinguished Service Professor
Michael E. DeBakey Department of Surgery
Baylor College of Medicine

Victor Pretorius, MBChB, FRCSC

Professor of Surgery
Surgical Director of Heart Transplant
University of California, San Diego

Brant A. Putnam, MD, FACS

Professor of Surgery
Chief, Division of Trauma & Acute Care Surgery,
Surgical Critical Care
David Geffen School of Medicine at UCLA
Vice Chair-Clinical Affairs,
Department of Surgery
Harbor-UCLA Medical Center

Peter Rhee, MD, MPH, FACS

Professor of Surgery
Uniformed Services,
University of Health Sciences

Stacy A. Shackelford, MD, FACS

Colonel, Medical Corps, United States Air Force
Associate Professor of Surgery
Uniformed Services,
University of Health Sciences
Director of Performance Improvement
Joint Trauma System

Michael Sise, MD, FACS

Professor of Surgery
UC San Diego
Scripps Mercy Hospital

Areti Tillou, MD, FACS

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Vice Chair of Education
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Acute Care Surgery Division
University of California, Los Angeles

Odey C. Ukpo, MD, MS

Interim Chief Medical Examiner-Coroner
Los Angeles County

Dana Vilander, LASD (ret.)

Special Enforcement Bureau/SWAT
Founder, VTC Training

FACULTY

KECK SCHOOL OF MEDICINE

Bradley Allen, MD

Adjunct Professor in Clinical Surgery
Division of Acute Care Surgery
and Surgical Critical Care

Glenn T. Ault, MD, MSeD, FACS

Associate Professor of Surgery
Division of Colorectal Surgery

Subarna Biswas, MD, PhD, FACS

Assistant Professor of Clinical Surgery
Division of Acute Care Surgery
and Surgical Critical Care

Nancy Blake, PhD, RN, CCRN, NEA-BC

Chief Nursing Office
LAC+USC Medical Center

Jeffrey C. Chao, MD, FACS

Commander, MC, USN
Director, Navy Trauma Training Center
Assistant Professor of Surgery
Uniformed Services University

Damon H. Clark, MD, FACS

Assistant Professor of Clinical Surgery
Associate Medical Director, Surgical
Critical Care, Keck Medical Center
Division of Acute Care Surgery
and Surgical Critical Care

J. Perren Cobb, MD, FACS, FCCM

Chief, Surgical Critical Care Service Line
Critical Care Institute
Professor and Clinical Scholar
Departments of Surgery & Anesthesiology
Keck Medicine of USC

John Peter Gruen, MD

Clinical Associate Professor
of Neurological Surgery
Department of Neurological Surgery
Associate Medical Director, Critical Care
LAC+USC Medical Center

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Meghan Lewis, MD, FACS

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Associate Director, SICU
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and Surgical Critical Care

Angelica Loza-Gomez, MD, FAEMS

Clinical Associate Professor
of Emergency Medicine
Department of Emergency Medicine

Gregory A. Magee, MD, MSc, FACS, FSVS

Assistant Professor of Surgery &
Aerospace and Mechanical Engineering
Division of Vascular Surgery
and Endovascular Therapy

Rodney McKeever, MD, DABA, FCCP

Assistant Professor of Anesthesiology
Assistant Director of Clinical Operations
Operation Room Coordinator
Department of Anesthesiology

Sixta Navarette, RN

Trauma Nurse Coordinator

Thomas Noguchi, MD

Professor Emeritus of Surgery and
Emergency Medicine

Morgan A. Schellenberg, MD, MPH, FACS

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and Surgical Critical Care

Anaar E. Siletz, MD, PhD

Assistant Professor of Clinical Surgery
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and Surgical Critical Care

Brad Spellberg, MD, FIDSA, FACP

Professor of Clinical Medicine
Chief Medical Officer
Associate Dean, Clinical Affairs

Obinna Ugochukwu, MD, FRCS

Commander, MC, USN
Trauma Critical Care Surgeon
Navy Trauma Training Center

FELLOWS

AAST

MAJ Joshua Dilday, DO
Elliot Williams, MD
Jennie Kim, MD
Chance Nichols, MD

SURGICAL CRITICAL CARE

Edward Cho, MD
Kelly Boyle, MD
Amanda Hambrecht, MD
Jamie Knell, MD
Alpen Nacar, MD
Blair Smart, MD, MPH (Burn)

GUEST

Cedars-Sinai-Jack Stupinski, MD
Harbor-UCLA-Jason Cheng, MD
LLUM-Kristine Bonnick, MD

CONFERENCE INFORMATION

REGISTER FOR COURSE

Online: keckusc.cloud-cme.com/trauma2023 (Mastercard and Visa only)

Virtual Registration available until May 25, 2023, 9:00 am.

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

Phone: (323) 442-2555

Fax: 1 (888) 665-8650 AMEX, Mastercard or Visa

Email: usccme@usc.edu

CANCELLATION POLICY

Registration cancellations must be emailed to the USC Office of CME by May 19, 2023 for a refund to be issued. A \$50 cancellation fee will be applied. USC will not refund any travel costs incurred.

CONFERENCE LOCATION

Langham Huntington: 1401 S. Oak Knoll Drive, Pasadena, CA 91106

Internet access is provided in the meeting room. Electrical outlet availability is limited.

PARKING

Valet parking is discounted \$20 overnight/\$10 daily.

HOTEL RESERVATIONS

To reserve 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 \$289 for a Superior Room. Please reserve before **May 3, 2023**, to secure the rate.

The USC Office of CME strongly encourages registrants to book overnight accommodations at the Langham Huntington. By staying at the conference headquarters hotel, you help the USC Trauma Symposium meet its contractual obligations with the hotel and maintain your current conference benefits, as well as keep future hotel guest room rates and registration fees reasonable.

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 credits commensurate with the extent of their participation in the activity.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 16.75 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credit(s)™* accredited courses are acceptable CME requirements for recertification.

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.org.

Prehospital CE credits will be offered by LAC+USC Prehospital #19-0012. 17 hours of MICN credit.

TARGET AUDIENCE

This course is intended for physicians, nurses, physician assistants, nurse practitioners, emergency medical technicians, paramedics, prehospital providers 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.

REGISTRATION FORM

29th Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium: May 25-26, 2023

Hybrid Conference: Live at the Langham Huntington in Pasadena and Virtual through the online event platform, Whova.

TUITION

LIVE: Early registration fees available until May 19, 2023, noon PST. On-site fees will add \$50 to the prices listed.

MD/DO ☐ \$500, May 25-26 ☐ \$300, May 25 ☐ \$300, May 26

NP/PA/APP or RN/AH ☐ \$375, May 25-26 ☐ \$200, May 25 ☐ \$200, May 26

Fellow/Resident/Student ☐ \$300, May 25-26 ☐ \$175, May 25 ☐ \$175, May 26

VIRTUAL: Registration available until May 25, 2023, 9:00 am PST.

MD/DO ☐ \$450, May 25-26

NP/PA/APP or RN/AH ☐ \$325, May 25-26

Fellow/Resident/Student ☐ \$200, May 25-26

OPTIONAL SESSIONS:

Separate registration and cover fee. Contact angela.martinez@med.usc.edu to register. CME eligible for physicians only. Course Location: LAC+USC Medical Center, Los Angeles.

ADVANCED SURGICAL SKILLS FOR EXPOSURE IN TRAUMA (ASSET)

Wednesday, May 24, 2023 from 8:30 am-5:00 pm.

Tuition: \$1,650 includes ASSET manual, breakfast, lunch and all lab fees.

Will only commence with a minimum of 4 students. Registration deadline: May 3, 2023

Course Director: Lydia Lam, MD

BASIC ENDOVASCULAR SKILLS FOR TRAUMA-REBOA (BEST)

Tuesday, May 23, 2023 from 8:30 am-1:00 pm.

Tuition: \$1,200 includes breakfast, lunch and all lab fees. A full hands-on experience!

ACS-COT course with certificate of completion covering indications, contraindications, procedure and cadaver experience. Will only commence with a minimum of 4 students.

Registration deadline: May 2, 2023

Course Director: Kazuhide Matsushima, MD

REGISTRATION INFORMATION:

Name _____

Degree _____ Medical License Number _____

Specialty _____

Address _____

City _____ State _____ Zip Code _____

Phone Number _____

Email Address* _____

Institutional Affiliation _____

Special Dietary or Physical Needs _____

* Correspondence and confirmations are sent by email.

METHOD OF PAYMENT:

No cash accepted.

☐ Check: Payable to USC. Check payment must be postmarked by May 19, 2023.

☐ Credit Card: Mastercard or Visa. American Express by phone/mail/fax only.

Credit Card Number _____

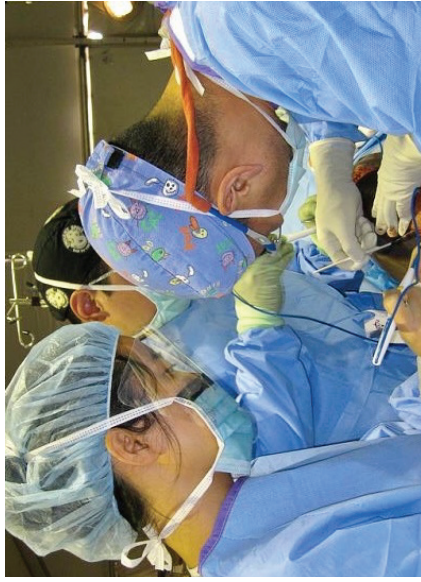
Expiration Date _____ Security code _____

Authorized Signature _____ Amount \$ _____



Keck School of Medicine of USC

Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033



29th Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium

May 25-26, 2023

**Langham Huntington
1401 South Oak Knoll Drive
Pasadena, California 91106**

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