

Keck School of Medicine of **USC**



28th Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium

Thursday, June 30, 2022 – Friday, July 1, 2022

**Langham Huntington in Pasadena
Hybrid Conference**

Eligible for
American Board
of Surgery (ABS)-MOC
self-assessment credit
maximum of 16.25
AMA PRA Category 1
Credits™

Presented by:

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

PROGRAM AGENDA

Thursday, June 30, 2022

- 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: Carl R. Chudnofsky, MD

- 7:30 am Emergency Medical Treatment in the Hot Zone
Patrick Rudolf, LAPD, EMT
- 7:45 am Acute Resuscitation in 2022: Whole Blood, Routine TXA the New Standards?
CDR Jeffrey C. Chao, MD
- 8:00 am CT Scan Evaluation of the Pediatric Trauma Patient
Sean Johnston, MD
- 8:15 am Reversal of Novel Oral Anticoagulants (NOACs) in Trauma: When and What?
Eric J. Ley, MD
- 8:30 am Routine Intubation in All TBIs with GCS<9: Is It Still the Standard of Care?
Elizabeth R. Benjamin, MD, PhD

Session 2: Military Session

Moderator: CDR Jeffrey C. Chao, MD

- 8:55 am Blast Injuries
Peter Rhee, MD, MPH
- 9:10 am Decompressive Craniectomy for Severe TBI: Lessons Learned from the Recent Wars COL (ret.) *Matthew Martin, MD*
- 9:25 am Damage Control Teams In An Austere Environment: Personnel, Training, and Equipment
CDR Jeffrey C. Chao, 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: It Takes a Village...Building Teams to Lead in Academic Surgery and Global Health
Raul Coimbra, MD, PhD

Thursday, June 30, 2022

Session 4: Challenging Problems in Acute Care Surgery!

Moderator: Raul Coimbra, MD, PhD

- 10:55 am Emergency General Surgery in Pregnancy
Daniel R. Margulies, MD
- 11:05 am Trauma in Pregnancy
Brant A. Putnam, MD
- 11:15 am Small Bowel Obstruction in the Virgin Abdomen
Eugenia Lee, MD
- 11:25 am The Difficult Ostomy: Tips and Pitfalls!
Glenn T. Ault, MD, MSED
- 11:35 am Management of Short Bowel Syndrome
Emily Switzer, MD
- 11:45 am Discussion
- 11:55 am Lunch Pick-Up

Session 5: Luncheon Session

Introduction:

Demetrios Demetriades, MD, PhD

- 12:05 pm Success Factors in Academic Surgery
Kenneth L. Mattox, MD

Session 6: Organ Donation

Moderator: Lydia Lam, MD

- 12:55 pm Organ Donation: The Family's Perspective
Special Speaker
- 1:05 pm The Effect of COVID-19 on Organ Donation
Lydia Lam, MD
- 1:20 pm Management of Organ Donors in Special Centers Improves Results
Prasad Garimella, MD
- 1:35 pm Discussion

Session 7: Better Trauma and Emergency Surgery Care

Moderator: Kenji Inaba, MD, MSc

- 1:45 pm Acute Appendicitis: Is Selective Nonoperative Management the New Standard?
Damon H. Clark, MD
- 1:55 pm VTE Chemoprophylaxis After Solid Organ Injury: Optimal Time and Type of Prophylaxis
Morgan A. Schellenberg, MD, MPH
- 2:05 pm ERAS (Enhanced Recovery After Surgery): Does it Work?
Stephen F. Sener, MD
- 2:15 pm Anesthesia: Tips and Pitfalls in the Critically Unstable Trauma Patient
Rodney McKeever, MD

PROGRAM AGENDA

Thursday, June 30, 2022

Session 7: Better Trauma and Emergency Surgery Care

Moderator: Kenji Inaba, MD, MSc

2:25 pm Discussion

2:30 pm Break

Session 8: Challenging Problems in Trauma

Moderator: Kenneth L. Mattox, MD

3:00 pm Trauma in the Cirrhotic Patient
Carlos V.R. Brown, MD

3:10 pm Bowel Anastomosis or Bowel in Discontinuity in Damage Control Laparotomy?
Elizabeth R. Benjamin, MD, PhD

3:20 pm Retrohepatic IVC Injuries Revisited: A New Approach?
Bradley Allen, MD

3:30 pm Discussion

Session 9: Capsule Commentaries: Trauma Care

Moderator: Morgan Schellenberg, MD, MPH

3:40 pm Retained Bullet Fragments and Lead Poisoning: Fact or Myth
Michael Sise, MD

3:48 pm Zones Approach in Penetrating Neck Injury: Perpetuating Useless Dogma?
Jennie Kim, MD

3:56 pm Social Media Use in Trauma
Elliott William, MD

4:04 pm Hemodynamic Management of Spinal Cord Injury
Meghan Lewis, MD

4:12 pm Enzymatic Debridement of Acute Burns: What's New?
Ian Powelson, MD

4:20 pm Diagnostic Pertoneal Aspirate in the Era of eFAST and CT Scan?
Morgan A. Schellenberg, MD, MPH

4:28 pm Discussion

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

Moderator: Demetrios Demetriades, MD, PhD

4:40 pm Panel
Daniel R. Margulies, MD
Lt. Col. (ret.) Jay J. Doucet, MD, MSc
Brant A. Putnam, MD
Megan Brenner, MD, MS
Mark Kaplan, MD
Kenneth L. Mattox, MD

5:30 pm Adjourn

Friday, July 1, 2022

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 Integrating TEG: Practicing Tips and Pitfalls, Clinical Versus Lab Run, How to Interpret!
Lt. Col. (ret.) Jay J. Doucet, MD, MSc

7:40 am Beta Blockers for Traumatic Brain Injury: Should They Be Part of the Standard Protocols?
Eric J. Ley, MD

7:50 am Food for Thought: Nutrition Delivery and Immunonutrition in the Critically Ill Patient
Subarna Biswas, MD, PhD

8:00 am Proning in Severe ARDS: Life-Saving or a Dangerous Escalation?
Gaurav Garg, MD

8:10 am End of Life Discussions in the ICU
Aaron D. Storms, MD

8:20 am Discussion

Session 12: Community and International Programs

Moderator: Damon H. Clark, MD

8:30 am Using Technology in Disaster Plans
J. Perren Cobb, MD

8:40 am International Trauma Outreach: The UAE Experience
Lt. Col. Brian Gavitt, MD, MPH

8:50 am Should Helmets Be Compulsory for Skateboarders?
MAJ Joshua Dilday, MD

9:00 am Trauma Falls: A Preventable Epidemic?
Sixta Navarette, RN

9:10 am Discussion

PROGRAM AGENDA

Friday, July 1, 2022

Session 13: Keynote Speaker

Moderator: Demetrios Demetriades, MD, PhD

9:20 am Keynote Lecture: Mission Mars: Preparing for Medical Emergencies
Michael R. Barratt, MD

9:50 am Break

Session 14: The Tom Noguchi

Session: Coroner's Corner

Moderator: Thomas Noguchi, MD

10:15 am Unusual Coroner's Cases
Jonathan Lucas, MD
Chief Medical Examiner-Coroner

10:45 am Discussion

Session 15: Video Sessions: How To...

Moderator: Kazuhide Matsushima, MD

10:52 am Rib Fixation Step By Step
Kazuhide Matsushima, MD

11:00 am Popliteal Vascular Exposure
Brent Emigh, MD

11:08 am Mediastinal Vascular Exposure
Cristina Novak, MD

11:16 am Resuscitative Thoracotomy: Technique, Tips and Pitfalls
MAJ Benjamin Franklin, MD

11:24 am VATS in Trauma
Chance Nichols, MD

11:32 am Discussion

11:42 am Lunch Pick-Up

Session 16: Luncheon Session

Moderator: Kenji Inaba, MD, MSc

12:10 pm Burnout and Depression in the Era of COVID-19 and Social Isolation: A Real Threat to Trauma Surgeons and Nurses!
Michael Sise, MD

Session 17: Challenging and Controversial Issues

Moderator: Elizabeth Benjamin, MD, PhD

12:40 pm Proliferation of Trauma Centers- Solution or Dilution?
Peter Rhee, MD, MPH

12:50 pm Surgical Advocacy: Why It Is Important and How To Be Effective
Lt. Col. Brian Gavitt, MD, MPH

Friday, July 1, 2022

1:00 pm Local Management of Entero Atmospheric Fistulas: Tips and Pitfalls
Mark Kaplan, MD

1:10 pm REBOA For Non-Trauma Surgical Emergencies?
Megan Brenner, MD, MS

1:20 pm Discussion

Session 18: Debate: Acute Trauma Resuscitation: Component Therapy Versus Whole Blood?

Moderator: Kenji Inaba, MD, MSc

1:30 pm Balanced Component Therapy is the Evidence-Based Standard of Care!
Carlos V.R. Brown, MD

1:45 pm Whole Blood is Superior, and the New Standard for Trauma Resuscitation!
COL (ret.) Matthew Martin, MD

2:00 pm Let's Agree!

2:08 pm Break

Session 19: Damage Control in Desperate Situations

Moderator: COL (ret.) Matthew Martin, MD

2:30 pm Damage Control for Pelvic Fracture Bleeding: Preperitoneal Packing or Abdominal Exploration?
Areg Grigorian, MD

2:45 pm Vascular Damage Control: Technique and Pitfalls
Jennifer Smith, MD

3:00 pm Damage Control Laparotomy: Tips and Pitfalls
Mark Kaplan, MD

3:15 pm Discussion

Session 20: Rheopary

Moderator: Peter Rhee, MD, MPH

3:20 pm Panel
USC
Cedars Sinai
UCR

4:00 pm Adjourn

4:00 pm Raffle
Lydia Lam, MD

ACKNOWLEDGEMENT

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

FACULTY

KEYNOTE SPEAKERS



Michael R. Barratt, MD

Michael Barratt is a NASA astronaut and physician interested in adaptive physiology and human performance associated with weightlessness and fractional gravity, along with other extreme environments.

Dr. Barrett served as a project physician and flight surgeon. He worked extensively with Russian space medical counterparts at the Institute of Biomedical Problems in Moscow and the Gagarin Cosmonaut Training Centre in Star City during the course of the US/Russian Shuttle Mir and developing International Space Station (ISS) programs. He served as lead crew surgeon for the first NASA/Mir flight and for several Space Shuttle flights and contributed to the development of the onboard medical system ISS. Dr. Barratt was selected into the NASA astronaut class of 2000. He served as an ISS flight engineer on Expeditions 19 and 20, flying as flight engineer on

the Soyuz TMA-14 vehicle and spending 199 days in orbit with Russian commander Gennady Padalka. Barratt performed two spacewalks in the Russian Orlan space suit. He flew as a crewmember of the STS-133 mission in 2011 and the final flight of the Space Shuttle Discovery. Dr. Barratt continues to train as an active member of the astronaut corps and works heavily with the Commercial Crew and Artemis Programs in applying medical standards to new vehicle design and operations.



Raul Coimbra, MD, PhD, FACS

Dr. Raul Coimbra is the Surgeon-in-Chief of the Riverside University Health System Medical Center, Professor of Surgery at Loma Linda University School of Medicine, and Emeritus Professor University of California San Diego. He is also the Editor-in-Chief of the Journal of Trauma and Acute Care Surgery. Previously, Dr. Coimbra was the Director of the UCSD Level-1 Trauma Center and the Chief of the Division of Trauma, Surgical Critical Care, Burns, and Acute Care Surgery for 2 decades. Dr. Coimbra played a significant role in strengthening San Diego's first Level-1 Trauma Center into one of the top programs in the nation, as well as a model for trauma centers around the world. His participation in global health and international outreach is enormous.

Dr. Coimbra is President of the Board of Directors for the World Coalition for Trauma Care, as well as a member of the Global Alliance for the Care of the Injured within the Division of Trauma and Injury Prevention of the World Health Organization. In addition, Dr. Coimbra is a past Vice-Chairman of the Committee on Trauma of the American College of Surgeons (ACS) and past Chairman of the ACS International Injury Care Committee. He is also past President of the American Association for the Surgery of Trauma, which is the premier trauma organization in the world. Dr. Coimbra has more than 630 scientific publications in most clinical and experimental aspects of Trauma, Emergency General Surgery, and Surgical Critical Care related research.

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 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.

COURSE OBJECTIVES

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

- Outline optimal care in the prehospital and hospital settings.
- 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.
- Integrate new temporizing and definitive management options for complex surgical disease.
- Prepare a plan for epidemics or pandemics in a hospital setting.

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

Assistant 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

GUEST FACULTY

Elizabeth R. Benjamin, MD, PhD, FACS

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

Megan Brenner, MD, MS, RPVI, FACS

Professor of Surgery
Director of Surgical Research
University of California, Riverside

Carlos V.R. Brown, MD, FACS

Professor of Surgery
Chief, Division of Acute Care Surgery
Dell Medical School,
University of Texas at Austin

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
UC San Diego Health

Prasad Garimella, MD

COO, One Legacy

Brian Gavitt, MD, MPH, FACS

Lieutenant Colonel, USAF, MC
Trauma Director, US+UAE TBMM Mission
AF/SG Consultant for Trauma and
Surgical Critical Care

Mark Kaplan, MD, FACS

Professor of Surgery
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

Jonathan Lucas, MD

Chief Medical Examiner-Coroner
Los Angeles County

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

Brant A. Putnam, MD, FACS

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

Peter Rhee, MD, MPH, FACS

Professor of Surgery
Uniformed Services,
University of Health Sciences

Patrick Rudolf, LAPD Officer

EMT, Los Angeles Police Department
Special Weapons and Tactics

Michael Sise, MD, FACS

Professor of Surgery
UC San Diego
Scripps Mercy Hospital

Jennifer Smith, MD

Associate Professor of Surgery at UCLA
Associate Chief of Trauma, Harbor-UCLA

FACULTY

KECK SCHOOL OF MEDICINE and LAC+USC MEDICAL CENTER

Bradley Allen, MD

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

Glenn T. Ault, MD, MEd, 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

Jeffrey C. Chao, MD, FACS

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

Carl R. Chudnofsky, MD, FACEP

Professor of Clinical Emergency Medicine
Chair, Emergency Medicine
Department of Emergency Medicine

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

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

Eugenia Lee, MD

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

Meghan Lewis, MD, FACS

Assistant Professor of Clinical Surgery
Associate Director, SICU
Division of Acute Care Surgery
and Surgical Critical Care

Gregory Magee, MD, FACS

Assistant Professor of Clinical Surgery
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 Surgery and
Emergency Medicine

Stephen F. Sener, MD, FACS, FSSO

Professor of Surgery
Breast, Endocrine, and Soft Tissue Surgery
Division, Department of Surgery
Chief of Surgery, LAC+USC Medical Center

Morgan A. Schellenberg, MD, MPH, FACS

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

Aaron D. Storms, MD

Associate Director, Palliative Care
Team Associate Professor of Medicine

Emily Switzer, MD

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

SURGICAL CRITICAL CARE FELLOWS

MAJ Joshua Dilday, DO
Gaurav Garg, MD
Jennie Kim, MD
Chance Nichols, MD
Elliot Williams, MD
Ian Powelson, MD

AAST FELLOWS

Brent Emigh, MD
MAJ Benjamin Franklin, MD
Areg Grigorian, MD
Cristina Novak, MD

CONFERENCE INFORMATION

REGISTER FOR COURSE

Online: keckusc.cloud-cme.com/trauma2022. Mastercard and Visa only.

Virtual Registration available until July 1, 2022, 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 AMX, Mastercard or Visa.

Email: usceme@usc.edu

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 \$35 overnight/\$16 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 \$269 for a Superior Room. Please reserve before June 8, 2022, 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 16.25 *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 16.25 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's Assistants: The National Commission on Certification of Physicians' 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. 8.5 credit hours for June 30, 7 credit hours for July 1.

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.

COVID-19 GUIDELINES AND CANCELLATION POLICY

COVID-19 guidelines by the Centers for Disease Control, Los Angeles County and the University of Southern California will be strictly observed. If live attendance is discouraged as conference date approaches, registrants will have the option of participating virtually or requesting a full refund. Proof of vaccination or negative test results 72 hours prior to live attendance will be required.

Registration cancellations must be emailed to the USC Office of CME by June 24, 2022, noon PDT, for a refund of tuition to be issued. A \$50 cancellation fee will be applied.

In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

REGISTRATION FORM

28th Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium: June 30-July 1, 2022

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

TUITION

LIVE: Early registration fees available until June 27, 2022, noon PST.

On-site fees will add \$50 to the prices listed.

Physician \$500, Jun 30-Jul 1 \$300, Jun 30 \$300, Jul 1
NP/PA/RN/AH \$375, Jun 30-Jul 1 \$200, Jun 30 \$200, Jul 1
Fellow/Resident/Student \$300, Jun 30-Jul 1 \$175, Jun 30 \$175, Jul 1

VIRTUAL: Registration available until July 1, 2022, 9:00 am PST.

Physician \$400, Jun 30-Jul 1
NP/PA/RN/AH \$275, Jun 30-Jul 1
Fellow/Resident/Student \$200, Jun 30-Jul 1

Access to recording available for 30 days after the conference.

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)

Tuesday, June 28, 2022 from 8:30 am-5:00 pm.

Tuition: \$1,500 includes ASSET manual, breakfast, lunch and all lab fees.

Will only commence with a minimum of 4 students. Registration deadline: June 14, 2022

Course Director: Lydia Lam, MD

BASIC ENDOVASCULAR SKILLS FOR TRAUMA-REBOA (BEST)

Wednesday, June 29, 2022 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: June 15, 2022.

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 June 24, 2022.

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



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June 30-July 1, 2022

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Pasadena, California 91106**

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