

**30<sup>th</sup> Annual USC National Trauma, Critical Care and Acute Care Surgery Symposium**  
**Langham Huntington Resort and Spa, Pasadena, California**  
**May 23-24, 2024**

*Presented By: The Division of Acute Care Surgery, LA General Medical Center, USC Office of Continuing Medical Education,  
Institute of Continuing Education for Nurses, Department of Nursing*

**THURSDAY MAY 23, 2024**

6:30 am **Registration & Breakfast**

7:15 am **Welcome & Opening Remarks**

*Demetrios Demetriades, MD, PhD, FACS*

*Jorge Orozco, CEO, Los Angeles General Medical Center*

*Hilda Solis, Board of Supervisors Los Angeles County*

**SESSION 1: Prehospital, Emergency Room and Hospital Systems Hot Topics**

*Moderator: Kenji Inaba, MD*

7:30 am **Prehospital Care: Whole Blood, Plasma, TXA or Scoop and Run?**

*Galinos Barmparas, MD, FACS*

7:45 am **Videotaping Trauma Resuscitations: A QI tool or a Legal Risk?**

*Brant Putnam, MD, FACS*

8:00 am **Cybersecurity and Ransomware Attacks Against Hospitals**

*Oscar Autelli*

8:15 am **Los Angeles Police Department Tactical EMS Program**

*Edward Leverich, PhD, LAPD*

8:30 am **Discussion**

**SESSION 2: Military Session**

*Moderator: CDR Obinna Ugochukwu, MD, FACS*

8:55 am **Preparing in Trauma for Future Military Conflicts**

*Matthew Martin, MD, FACS*

9:10 am **New and Emerging Technologies in Military Trauma**

*Travis Polk, MD, FACS*

9:25 am **Penetrating Traumatic Brain Injuries: Lessons Learned from the Battlefield**

*Stacy Shackelford, MD, FACS*

9:40 am **Discussion**

9:50 am **Break**

**SESSION 3: Distinguished Professor and Keynote Speaker**

*Moderator: Demetrios Demetriades, MD, PhD, FACS*

10:20 am **Keynote Lecture: Bringing Precision Medicine to Trauma Patients**

*Eric Elster, MD CAPT, MC, USN (Ret.)*

*Dean, School of Medicine Uniformed Services University of the Health Sciences*

**SESSION 4: Advances and Challenging Problems in Acute Care Surgery**

*Moderator: COL (ret.) Matthew Martin MD, FACS*

10:55 am **Surgical Emergencies in the Pregnant Patient**

*Ali Salim, MD, FACS*

11:05 am **Managing Short Gut and High Output Fistulas**

*Subarna Biswas, MD, MS, FACS*

**SESSION 4: Advances and Challenging Problems in Acute Care Surgery**

*Moderator: COL (ret.) Matthew Martin MD, FACS*

11:15 am **Management of Rhabdomyolysis: Evidence-Based Guidelines**

*Meghan Lewis, MD, FACS*

11:25 am **5 Top Trauma Papers: 2022-2024**

*Elizabeth Benjamin, MD, PhD, FACS*

11:35 am **Migrant – Border Crossings: Deaths and Injuries, Falls and Drowning**

*Jay Doucet, MD, FRCSC, FACS*

11:45 am **Discussion**

11:55 am **Lunch Pick Up**

**SESSION 5: The Kenneth L. Mattox Luncheon Lecture**

*Moderator: Demetrios Demetriades, MD, PhD, FACS*

12:05 pm **Lessons in Raising the Surgical Bar; Too Fast, Too High, vs. Too Slow!**

*Kenneth L. Mattox, MD, FACS*

**SESSION 6: Organ Donation**

*Moderator: Lydia Lam, MD, FACS*

12:55 pm **Special Guest**

*TBD*

1:05 pm **Top 3 Papers for Organ Donation, 2020 – 2024**

*Jennifer Smith, MD*

1:20 pm **Donation After Cardiac Death: What's Registry Got to Do With It?**

*TBD*

**SESSION 7: Better Trauma and Emergency Surgery and Critical Care**

*Moderator: Morgan Schellenberg MD, FACS*

1:30 pm **Pharmacological Interventions in Septic Shock: Where Are We in 2024?**

*Bradly Allen, MD, FACS*

1:40 pm **ECMO in Trauma: An Experimental Tool or the Standard of Care?**

*Areti Tillou, MD, FACS*

1:50 pm **Proximal Protective Diverting Ostomy for Colon Resection and Anastomosis: Is It Really Protective?**

*Elizabeth Benjamin, MD, PhD, FACS*

2:00 pm **Whole Blood for Trauma Resuscitation: Benefits, Risks, and Costs**

*Anaar Siletz, MD, FACS*

2:10 pm **Cerebral Fat Embolism: Diagnostic Challenges, Management and Outcomes**

*Raul Coimbra, MD, FACS*

2:20 pm **Discussion**

2:30 pm **Break**

**SESSION 8: Challenging Controversies in Trauma**

*Moderator: Kenneth L. Mattox, MD, FACS*

3:00 pm **REBOA in 2024: A Spectacular Failure in Trauma or a Life-Saving Tool?**

*Bellal Joseph, MD, FACS*

3:10 pm **Artificial Intelligence in Emergency Surgery: Cheaper and Better Care?**

*Areg Grigorian, MD, FACS*

3:20 pm **Open Surgery vs. Endovascular Approach for Visceral Arterial Injuries**

*Michael Sise MD, FACS*

3:30 pm **Discussion**

**SESSION 9: Capsule Commentaries: Trauma Care**

*Moderator: Kazuhide Matsushima, MD*

3:40 pm **Pre-Injury Illicit Stimulant Use in Severe Traumatic Brain Injury: Does It Affect Outcome?**

*Rembrandt VanDruff, MD*

3:48 pm **Beta Blockers in Severe Traumatic Brain Injuries: Should They Be in the Management Protocol?**

*Laura Bloom, MD*

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**THURSDAY MAY 23, 2024**

**SESSION 9: Capsule Commentaries: Trauma Care**

*Moderator: Kazuhide Matsushima, MD*

- 3:56 pm **Traumatic Subarachnoid Hemorrhage: Should Calcium Channel Blockers be in the Management Protocol?**  
*Jaehee Yoon, MD*
- 4:04 pm **Thoracostomy Tube for Drainage of Hemothorax: Does the Size Matter?**  
*Peter Rhee, MD, MPH, FACS*
- 4:12 pm **Prehospital and Hospital C-collar: Use, Abuse and Consequences**  
*Carlos VR Brown, MD, FACS*
- 4:20 pm **Discussion**

**SESSION 10: One Hour with Dimitri: Believe It or Not!**

*Moderator: Demetrios Demetriades, MD, PhD, FACS*

- 4:30 pm **Panel**  
*Kenneth L. Mattox, MD, FACS*  
*Mark Kaplan, MD, FACS*  
*Daniel R. Margulies, MD, FACS*  
*Raul Coimbra, MD, FACS*  
*Brant A. Putnam, MD, FACS*  
*Mike Sise, MD, PhD, FACS*
- 5:20 pm **Performance by Mariachi Band**
- 5:50 pm **Adjourn**

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**FRIDAY MAY 24, 2024**

7:00 am **Registration & Breakfast**

**SESSION 11: In the ICU**

*Moderator: Meghan Lewis, MD, FACS*

7:30 am **Preventing Hospital Acquired Infections: Searching for the Silver Bullet!**

*Brad Spellberg, MD, FIDSA, FACP*

7:45 am **Intra-Abdominal Hypertension and Abdominal Compartment Syndrome: Diagnostic and Therapeutic Pitfalls**

*Mark Kaplan, MD, FACS*

8:00 am **Artificial Intelligence in Critical Care**

*J. Perren Cobb, MD, FACS, FCCM*

8:15 am **Anesthesia Management in the Multi-Trauma Patient with Associated Severe Traumatic Brain Injury**

*Rodney McKeever, MD, DABA, FCCP*

8:30 am **Discussion**

**SESSION 12: Community and International Outreach**

*Moderator: Damon Clark, MD and Demetrios Demetriades, MD, PhD, FACS*

8:40 am **The Establishment of Trauma Systems and Trauma Centers in China: Progress and Challenges**

*Tianbing Wang, MD, PhD*

8:55 am **From the L.A. General Hospital to Estonia: Putting Together a National Trauma Program**

*Peep Talving, MD, PhD, FACS*

9:10 am **The Real Impact on Suicide and Suicide Attempts on Trauma Hospitals and Communities**

*Damon Clark, MD, FACS*

9:25am **Team Communication and Collaboration for a Healthy Work Environment**

*Nancy Blake, CNO*

9:40 am **Discussion**

**SESSION 13: Keynote Speaker**

*Moderator: Demetrios Demetriades, MD, PhD, FACS*

9:50 am **The Evolution of Medical Care in Space Exploration**

*Kjell Lindgren, NASA Astronaut*

10:30 am **Break**

**SESSION 14: The Tom Noguchi Session: Coroner's Corner**

*Moderator: Thomas Noguchi, MD*

10:50 am **Spectacular Coroner's Cases**

*Odey Ukpo, MD*

11:20 am **Discussion**

**SESSION 15: Video Sessions: How To ...**

*Moderator: Elizabeth Benjamin, MD, PhD, FACS*

11:30 am **Splenic Repair or Splenectomy**

*Kelly Boyle, MD*

- 11:38 am **Exposure of the Abdominal Aorta and Its Branches**  
*Amanda Hambrecht, MD*
- 11:46 am **Complete Duodenal Mobilization and Exposure**  
*Edward Cho, MD*
- 11:54 am **Bowel Resection and Hand-Sewn or Stapled Anastomosis**  
*Jamie Knell, MD*
- 12:02 pm **Fasciotomies of the Lower Leg**  
*Smita Mascharak, MD*
- 12:10 pm **Skin Grafting: Technique, Tips and Pitfalls**  
*Maxwell Johnson, MD*
- 12:18 pm **Discussion**
- 12:30 pm **Lunch Pick Up**

**SESSION 16: Luncheon Session**  
*Moderator: Demetrios Demetriades, MD, PhD, FACS*

- 12:50 pm **Pursuing Excellence in the LA county Health System**  
*Christina Ghaly, MD, DHS Director*

**SESSION 17: Challenges and Controversies in Trauma and Emergency Surgery**  
*Moderator: Brad Spellberg, MD, FIDSA, FACP*

- 1:20 pm **Oral Antibiotics in Surgical Infections: Myths and Facts**  
*Brad Spellberg, MD, FIDSA, FACP*
- 1:35 pm **Appendicitis: Myths and Facts About Antibiotics**  
*Peep Talving, MD, PhD, FACS*
- 1:50 pm **Decontamination of the Digestive Tract and Oropharynx in ICU patients: Does It Work?**  
*Jacqueline Urbina, MD*
- 2:05 pm **VTE Prophylaxis After Blunt Solid Organ Injury: When and What?**  
*Morgan Schellenberg, MD, FACS*
- 2:20 pm **Discussion**

**SESSION 18: DEBATE: Tracheostomy in the ICU: Early or Late?**  
*Moderator: Kenji Inaba, MD*

- 2:30 pm **Delayed Tracheostomy, Don't Rush In!**  
*Ali Salim, MD, FACS*
- 2:45 pm **Get It Done, Do It Early!**  
*Carlos Brown, MD, FACS*
- 3:00 pm **Resolution: Let's Agree!**
- 3:05 pm **Break**

**SESSION 19: Abdominal Surgical Challenges**  
*Moderator: Peep Talving, MD, PhD, FACS*

- 3:30 pm **Acute Cholecystitis in Pregnancy: Same Admission or Planned Post-Pregnancy Cholecystectomy?**  
*Angela Neville, MD, FACS*
- 3:40 pm **Small Bowel Obstruction in the Virgin Abdomen**  
*Eugenia Lee, MD, FACS*
- 3:50 pm **Surgical Management of Peptic Ulcer Disease**  
*Daniel R. Margulies, MD, FACS*
- 4:00 pm **Blunt Pancreatic Trauma: Operate or Observe?**  
*Adriana Valera Reyes, MD*
- 4:10 pm **Discussion**

**SESSION 20: Rheopardy**  
*Moderator: Peter Rhee, MD*  
*Adriana Valera-Reyes, MD (USC), Molly Dean, MD (Harbor-UCLA), Harriet Barratt, MD (Cedars-Sinai), Mallory Jebbia, MD (UCI)*

**SESSION 22: CLOSING REMARKS**  
**Raffle & Adjourn**  
*Lydia Lam, MD, FACS*