

LAS VEGAS · PARIS



AAST

THE DESTINATION FOR THE TOP SURGICAL SCIENCE

83RD ANNUAL MEETING OF AAST AND CLINICAL CONGRESS OF ACUTE CARE SURGERY

and

7TH WORLD TRAUMA CONGRESS



PLEASE SEE THE AAST WEBSITE FOR
THE MOST UP-TO-DATE SCHEDULE

[HTTPS://WWW.AAST.ORG/ANNUAL-MEETING/PROGRAM](https://www.aast.org/annual-meeting/program)

2024 PRELIMINARY PROGRAM

WELCOME TO LAS VEGAS!

MESSAGE FROM THE PROGRAM CHAIR & RECORDER

Karen Brasel, MD, MPH

Welcome to Las Vegas! This is a special AAST meeting, as it is being held in conjunction with the 7th World Trauma Congress. We have an amazing program and look forward to the additional opportunities to learn from each other and expand our networking, meet new friends, and mentor the next generation.



Once again we have great science in a variety of venues—oral presentations, quickshots (don't leave early!), and posters. Taking place on Monday and Tuesday will be the highly-recommended Emergency Surgery Course. We have two fabulous panels on Artificial Intelligence and the value of an Acute Care Surgeon, Military Symposium, three add-on sessions, three pre-sessions, and 13 lunch sessions on a great variety of topics. We will hear from this year's expert surgeon, Amy Goldberg, MD, Michael Rotondo, MD, our outstanding Fitts Orator, our esteemed president Patrick Reilly, MD, and YOU—an ever-increasing number of our members who will moderate and discuss at our scientific sessions.

We will have many opportunities to network and mentor, including but not limited to: WITS, the DEI Networking breakfast, the Welcome Reception, and Banquet/Auction (get ready to bid!), which will all include associate members, students, residents, and fellows.

I look forward to seeing and talking with you during and outside of the meeting. As always, please find me to tell you what you like and what you'd like to improve about the meeting.

And remember, what happens in Vegas...is something the AAST wants to share with the world!

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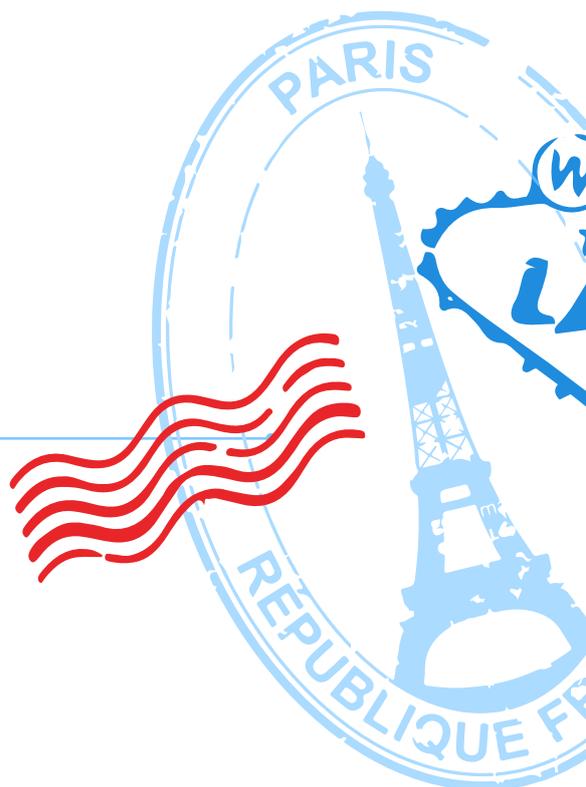
AAST  **LAS VEGAS · PARIS**
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MESSAGE FROM THE PRESIDENT

Patrick M. Reilly, MD



Dear AAST Members and Guests, We are excited to welcome you to the 83rd Annual Meeting of AAST and Clinical Congress of Acute Care Surgery which will be held in Las Vegas this September. This year we will again be meeting in conjunction with the World Coalition for Trauma Care and their 7th World Trauma Congress. Our program committee, under the leadership of Dr. Karen

Brasel, has assembled an outstanding program with the opportunity to learn about the latest advances in our field. I am delighted to announce that Dr. Michael Rotondo has agreed to be our Fitts Orator this year. Dr. Rotondo has been a mentor to me and many others, and has served as President of EAST and AAST as well as the Chair of the ACS COT. Dr. Amy Goldberg will deliver the Expert Surgeon Lecture. Dr. Goldberg is the Dean of the Lewis Katz School of Medicine at Temple

University and served in a number of leadership positions in academic surgery. I am sure both lectures will be exceptional.

In addition to these two lectures, there will be two panel sessions. One will focus on the value of the Acute Care Surgeon and the second will focus on the emerging role of AI in our specialty. Of course there will also be a number of pre-sessions and numerous lunch sessions, each representing content from our hard working committees at the AAST. And finally, the science presented in



our main sessions, poster sessions, and quick shot session should have you up to date on the latest developments in Acute Care Surgery.

I look forward to seeing you all in Las Vegas this September. Great science, great educational offerings, great networking opportunities, and a great location. I couldn't ask for a better mix to bring us all together in the desert.

Have a wonderful summer and see you this fall.

Best,
Pat



2024



7TH



WORLD TRAUMA CONGRESS CHAIR MESSAGE

We are excited to host and organize the 7th World Trauma Congress (WTC) on behalf of the World Coalition for Trauma Care (WCTC) in conjunction with the 83rd Annual Meeting of the AAST & Clinical Congress of Acute Care Surgery in Las Vegas on September 11-14, 2024.

The program committee (Drs. Dicker, Livingston, Malhotra, and I) have been working on a very comprehensive and diverse program addressing all clinical and prevention aspects of injury. In addition, we will have a robust program put together by the Society of Trauma Nurses.

We have received close to 200 abstracts exclusively for the WTC, which will be divided into oral podium presentations and oral posters. Acceptance notifications have gone out to authors a few weeks ago.

The multidisciplinary aspects of trauma care will be

addressed by experts representing more than 30 professional societies, members of the WCTC, taking into account differences in local resources and socio-economic disparities.

We encourage each one of you to register for the meeting and attend some of our sessions. You will find it educational and informative, with many opportunities to network and connect with colleagues from around the world.

See you in Las Vegas.

Raul Coimbra, MD, PhD



DOWNLOAD THE **TOOLS FOR ACUTE CARE SURGERY (TACS)** APP TODAY!



APPLE

ANDROID



OPTIONAL SESSIONS

TUESDAY, SEPTEMBER 10

1:00 PM - 6:00 PM

PRE-SESSIONS

THE 2024 AAST NEUROCRITICAL CARE UPDATE AND BOARD REVIEW COURSE

This session will be a high-level review of modern neurocritical care concepts and practice, as well as a board exam preparation course. Neurocritical care has traditionally been a major component of both medical and surgical critical care practice but has lacked a formal subspecialty certification process that is readily open to surgical intensivists. In 2021, the American Board of Surgery announced a newly established subspecialty certification in Neurocritical Care that is a collaborative effort with the American Board of Anesthesiology and the American Board of Neurology and Psychiatry. The first exam was offered in October of 2021 and followed a very successful AAST Neurocritical Care Board Review Course that was conducted at the 2021 AAST Annual Meeting. This review course has been offered yearly due to the level of demand. The exam will be held again in October of 2024, positioning us well to continue to offer this unique prep course ahead of the exam. Preparation for this exam requires not only familiarization with standard neurotrauma management, but also knowledge in non-surgical areas of neurocritical care such as acute stroke and other neurologic emergencies, neuroanatomy and MRI interpretation, and neuropharmacology.

This session will provide an intense focused review covering the core topics and focus areas that will be covered on the Neurocritical Care Exam. The format will involve short didactic lectures on high-yield topics as well as case examples with sample question and answer reviews. In addition to the syllabus materials, attendees will also receive a copy of "The Pocket Guide to Neurocritical Care" which would be included in the registration fee. We believe there is also an opportunity to either offer this course to virtual attendees and/or record the course and make it available for purchase through the AAST.

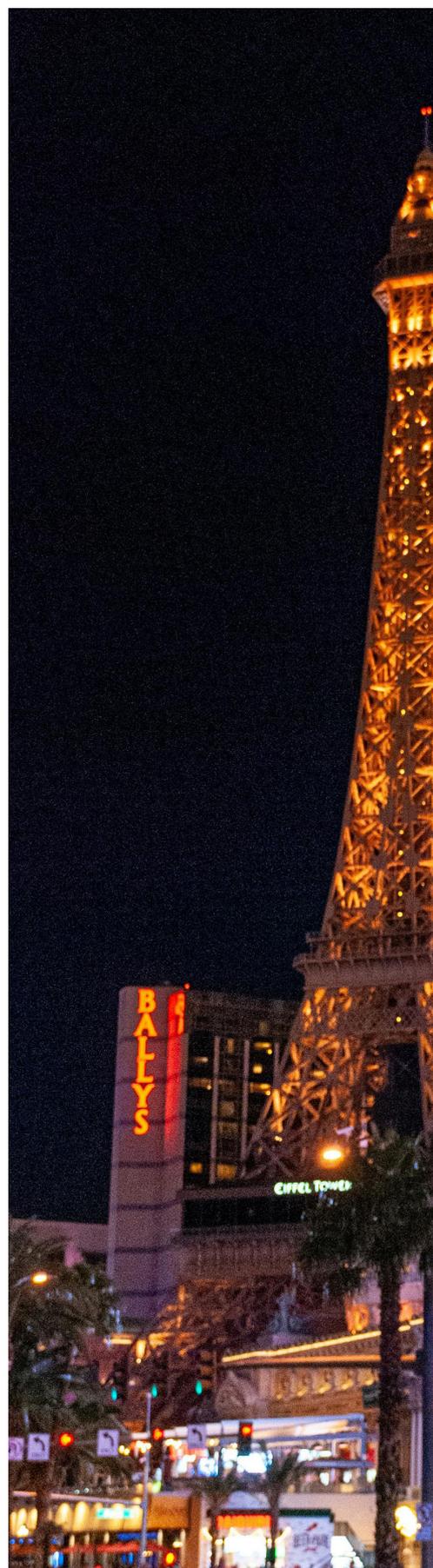
Moderators: Deborah M. Stein, MD, MPH; Matthew Martin, MD; Purvi Patel, MD; Tanya Egodage, MD

Speakers: Tanya Egodage, MD; Bellal Joseph, MD; Deborah M. Stein, MD, MPH; Samuel Tisherman, MD; Anaar Siletz, MD; Robert Riggio, MD; Kelsey Ensor, MD; Jay Doucet, MD; Krista Kaups, MD, MSc; Salina Wydo, MD; Joel Elterman, MD; Matthew Martin, MD; Purvi Patel, MD; Michael Anstadt, MD

LAPAROSCOPIC TRANSCYSTIC COMMON BILE DUCT EXPLORATION: A HANDS-ON SEMINAR

The participants of this course will review the indications and technique of transcystic common bile duct exploration. In addition to the didactic component, we will also have participants practice on simulators and equipment used commonly at centers.

Faculty: Marc de Moya, MD





INTEGRATING ADVANCED PRACTICE PROVIDERS IN ACUTE CARE SURGERY: CONSIDERATIONS, SOLUTIONS, AND FRESH PERSPECTIVES

Advanced practice providers (APPs) have become increasingly integral in how acute care surgeons deliver care nationally. There is a wide array of roles that these providers can play in addition to providing clinical care. The objective of this session is to explore the integration of APPs in acute care surgery, to discuss challenges divisions may encounter in APP utilization, and to provide potential solutions and unique perspectives. Additional topics will include billing and coding, how APPs can enhance process improvement and research endeavors, and assume leadership roles with meaningful impact.

Topics to include:

1. Incorporating APPs into Practice APPs in EGS, in the ICU, On A Trauma Service, and in the Outpatient Setting
2. Billing and Coding Initiating: An APP Program and Establishing One Within A Residency Program
3. Autonomy Retention Process Improvement Research and Clinical Trial Development Administrative Roles/ Leadership

Moderators: Navpreet K. Dhillon, MD; Audrey L. Spencer, MD; Alaina M. Lasinski, MD

Speakers: Jasmine Garces-King, DNP, MHA, CCRN, TCRN, ACNP-BC; Lindsay O'Meara, CRNP, RNFA; Caroline Banes, DNP, APRN, ACNP-BC; Jeffrey A. Claridge, MD; Amy Borth, ACNP; Benjamin R. Reynolds, MSPAS, PA-C, DFAAPA; Joe Forrester, MD, MSc; Alaina M. Lasinski, MD; Jonathan Messing, DNP, MBA, ACNP-BC; Michelle Adelstein, ACNP; Colleen Trevino, NP, PhD; Tiffany Kuebler, PA-C

OPTIONAL SESSIONS

WEDNESDAY, SEPTEMBER 11

1:15 PM - 2:30 PM

LUNCH SESSIONS

EDUCATIONAL EVOLUTION - THE INTEGRATION OF NEW SURGICAL EDUCATIONAL PLATFORMS

Technology has significantly changed the paradigm and expectations of current surgical educational experiences. This session will provide an overview of the evolving educational opportunities and platforms frequently utilized in ongoing surgical education. Attendees will learn how to incorporate these new, but ever-increasing, educational opportunities into formal and informal surgical education. Additionally, strategies for developing and implementing similar educational avenues will be discussed by leading experts in each respective field.

1. Development and implementation of EPAs in surgical critical care education - Dr. Kaups
2. Developing and Integrating Online and App-Based Surgical Educational Videos - Dr. Georgoff
3. Developing and Integrating an Educational Podcast into National Surgical Education - Dr. Coleman
4. Implementing Video Review and Artificial Intelligence into Surgery Educational Opportunities - Dr. Holena
5. Implementation of Online-Based Educational Modules for Surgical Critical Care Education - Dr. Narayan

THIS WILL BE CO-SPONSORED BY THE EDUCATION COMMITTEE, ASSOCIATE MEMBER COUNCIL, AND THE ASSOCIATE MEMBER EDUCATION COMMITTEE.

Moderators: Tanya Egodage, MD; Alex Schwed, MD; Erika Bisgaard, MD

Speakers: Jamie Coleman, MD; Patrick Georgoff, MD; Daniel Holena, MD; Krista Kaups, MD, MSc; Mayur Narayan, MD, MPH, MBA, MD

OPTIMIZING YOUR OUTPUT - ADVANCED MEDICAL BILLING AND CODING

Designed for the TACS surgeon already equipped with the basic skills of surgical billing, this session will review advanced topics in medical coding to help providers optimize their reimbursement. Understanding the requirements for these more involved coding circumstances will allow physicians to tailor their documentation to capture the complexity of the work they are already performing. A continuation of content from the ABCs of CPTs, this panel will review topics including split share billing, billing modifiers, procedural/operative charge capture optimization and how to bill when working with students, residents, and APPs.

The AAST Associate Members have partnered with the AAST Military Liaison Committee and the Healthcare Economics committee to create a longitudinal series of lunch sessions addressing the unique professional development needs of Acute Care Surgeons across a variety of career stages and clinical settings. We have previously held successful lunch sessions on the value of mentorship as well as managing career transitions.

This represents the second part of the third installation in the series.

1. Welcome and Introduction (5 min)
2. Panelist 1 (18 min) - Billing when working trainees, and APPs- review of documentation requirements when working with students and residents, split share billing with APPs, and billing for procedures when working with trainees
3. Panelist 2 (18 min) - Advanced procedural billing- review of common TACS procedures such as ultrasound, ICU procedures, conscious sedation and required documentation with a review of tips and tricks to bill at the top of your level
4. Panelist 3 (18- min) - Modifiers/Special Cases- a review of the most common modifiers, how they should be applied and other special billing situations (increased complexity/telemedicine encounters)

Moderators: Kaitlin Ritter, MD

Speakers: Stephanie Bonne, MD; Lisa Marie Knowlton, MD, MPH

PALLIATIVE CARE FOR THE ACUTE CARE SURGERY: WHAT YOU NEED TO KNOW

Acute Care Surgeons, whether they are on trauma call, EGS, or in the ICU, will find themselves having difficult end-of-life discussions with patients and families. Most of us have learned how to approach the sick and dying patient from our training and through the course of years of experience. Some of us do it well while others have a difficult time even beginning to have the discussion. We have worked so hard to help the patient survive that even realizing the end is near or that the patient/family has decided on comfort care, can make one feel defeated. Today's acute care surgeon needs a framework to approach this process and have the right perspective on just what is palliative care.

1. What is Palliative Care in Acute Care Surgery? Provide an explanation and structure for palliative care today. What are the essential services provided by the service and what does this mean for your patient? What does the acute care surgeon need to have the discussion with the patient when the palliative service is not around? Speaker Zara Cooper (15 min)
2. What is in the Acute Care Surgery Toolbox for Palliative Care Discussion? Recognizing that our surgical discipline is a 24/7 service, the acute care surgeon is the one who initiates many of the end-of-life discussions. Having a set of tools will help better prepare the surgeon for these critical discussions. Speaker Raeanna Adams (15 min)
3. Managing the Middle of the Night Palliative Care Discussion in the Acute Trauma Patient: What are the topics that need to be discussed, who needs to be present, and on-the-spot preparation for the palliative care discussion – speaker Kathleen O'Connell (15 min)

After each discussion a 5-minute Q&A, and an end-of-session Q&A with the panel.

Moderators: Jose Diaz

Speakers: Zara Cooper, MD; Reanna Adams, MD; Kathleen O'Connell, MD

TRAUMA SURGEONS EMBRACING PEDIATRIC CHALLENGES IN GLOBAL RESOURCE-LIMITED SETTINGS

The annual pediatric educational session for 2024 will align with the theme of global trauma care. The session will focus on two primary areas of interest in pediatric trauma care in resource limited settings: Macro and Micro. The macro discussion will focus on the successes and challenges encountered with development of trauma systems and education programs. Core to this discussion are elements of cultural context, understanding regional and country needs, and successful engagement that supports sustainable programs.

The Micro discussion will focus on individual surgeon preparation and experience related to pediatric trauma care in resource limited settings. The scope of the micro discussion includes:

1. Training Recommendations
2. Ideal Experience
3. Peds "Tips" or Clinical Guidelines
4. What to Bring, and What to Expect

The micro discussion is envisioned to provide practical information to adult trauma surgeons in remote areas, domestically or internationally.

Moderator: Christopher Newton, MD

Speakers: Phyllis Kisa, MD; Jacob Stephenson, MD

TRAUMA SURVIVORS NETWORK (TSN) - HOW DOES IT REALLY WORK?

The Trauma Survivors Network was established in 2008 by the American Trauma Society but is not a well-known service in hospitals. When an individual suffers a traumatic episode, it brings a deluge of convoluted processes that need to be navigated by the patient and their family. This session will highlight details of what the TSN offers by busting the myth of 'family information starvation,' provide a survivor's intimate perspective, how to implement the TSN in your hospital, why it is important for the TSN to work in concert with palliative care teams, and injury prevention updates from the ATLS 11th edition course, in progress.

Moderators: Glen Tinkoff, MD; Thomas Duncan, DO

Speakers: Thomas Duncan, DO; Katherine Joseph, MD; Anastasia Kunac, MD; Anna Newcomb, PhD

OPTIONAL SESSIONS

THURSDAY, SEPTEMBER 12

1:45 PM - 6:00 PM

ADD-ON SESSIONS

A COMPREHENSIVE APPROACH TO MAKING THE TRANSITION TO INDEPENDENT INVESTIGATOR

This session is part of a three-part series that aims to immerse early career surgeon scientists with the knowledge and skills to begin taking the next steps in becoming independent investigators. Attendees will learn about fundamental concepts regarding research and how to launch studies, including prospective studies and randomized controlled trials. Additionally, there will be a focused discussion with young investigators who have led or are leading meaningful research projects. Attendees will be able to present research proposals and receive real-time feedback. Topics include:

1. Is My Question Worth Answering?
2. National Trauma Research Action Plan
3. How Can CNTR Help Me?
4. Doing a Literature Search Generating a Hypothesis And Specific Aims
5. Designing A Prospective Study
6. Designing A Randomized Controlled Trial
7. "How I Did It" Panel Shark Tank

Moderators: Navpreet K. Dhillon, MD; Brittany K. Bankhead, MD, MS; Jonathan P. Meizoso, MD, MSPH; Rachel L. Choron, MD

Speakers: Deborah M. Stein, MD, MPH; Todd W. Costantini, MD; Ben Zarzaur, MD, MPH; Jason L. Sperry, MD, MPH; Rachel L. Choron, MD; Julia R. Coleman, MD, MPH; Melike N. Harfouche, MD, MPH; Elliott Haut, MD, PhD; Rosemary A. Kozar, MD, PhD; Joseph J. DuBose, MD; Jared Wohlgemut, MBChB

HOSPITAL DISASTER PREPAREDNESS: A RECIPE FOR SUCCESS

In this half-day session, participants will learn about the importance of individual hospitals and regional, system-wide disaster preparedness. In recent years, the Joint Commission, the American College of Surgeons and the American Burn Association have enhanced their certification/verification processes with updated requirements focused on increasing disaster preparedness in regional and community hospitals, children's hospitals, burn centers and trauma centers. Speakers in this session will focus on the following topics:

1. Essential Roles and Responsibilities in Hospital System Preparedness:
2. Preparing Your Facility
3. Key Resources to Support Hospital and System Preparedness

At the end of this session, participants will be equipped with resources, lessons learned from real-world events, as well as a framework for successful implementation of disaster preparedness requirements for their hospital facilities and systems.

Moderators: Deborah A. Kuhls MD; Adam Fox DO

Speakers: Alexander Eastman, MD MPH; Jane Keating, MD; Jeannette Capella, MD; Susan Briggs, MD; Mark Gestring, MD; Tori Begay, MPH, MS; Misty Richardson; Irene Navis, AICP; Joanelle Bailey, MD; Eileen Bulger, MD; Mary Fallat, MD; Valerie G. Sams, MD



THE AAST 2024 CONTINUOUS CERTIFICATION COURSE

The AAST Continuous Certification Course is an engaging and interactive session spanning acute care surgery topics. The 2024 offering will expand on its proven high-yield format with the inclusion of active audience participation. Real-time polling and questions will maximize engagement and allow education focused on needs and practice patterns. The course will be broken down into three sessions:

1. **Hot Off the Press! Practice-changing papers from the past year** - This session will focus on in-depth review of six recent landmark papers published within the past year, along with commentary and discussion of how they can be incorporated into bedside practice: three papers will be selected from surgical critical care topics and three from trauma related topics.
2. **Critical Debates in Emergency General Surgery: Associates vs. Fellows** This session will feature debates on hot topics and controversial areas of patient care in emergency general surgery. Each debate will pit an AAST associate member versus an AAST fellow. Winners will be selected by audience response and voting. Topics to include:
 - I Robot! The Role of Robotics in Acute Care Surgery Training and Practice
 - Jack of All Trades or Master of None: Call a Specialist or Go at It Alone?
 - It's Appendicitis! Let's Operate, Not Wait! - No! Let's Treat It with Antibiotics!
 - The Tic'ing Clock: Lap Lavage versus Resection for Complicated Diverticulitis
3. **Challenging Injuries, Complex Cases and How-to Video Presentations**
 - Reclaim the Duct! Lap Common Bile Duct Exploration for the Acute Care Surgeon
 - Pack Like a Pro: Preperitoneal Packing & Control of Pelvic FX-Associated Hemorrhage
 - Let's Go to the Tape! Running a Trauma Video Review Program
 - Clean Out That Chest: How to VATS Like a Pro

Moderators: Ryan Dumas, MD; Shannon Foster, MD; Matthew Martin, MD; Nicole Stassen, MD; Tanya Egodage, MD; Rita Brintzenhoff, MD; Natasha Keric, MD

Speakers: Jonathan P. Meizoso, MD, MSPH; Dane Scantling, DO; Stephanie Bonne, MD; Alicia Mohr, MD; Brittany K. Bankhead, MD, MS; Tejal Brahmabhatt, MD; Navpreet Dhillon, MD; Tareq Kheirbek, MD; Katherine Kelley, MD; Sabrina Sanchez, MD, MPH; Kimberly Hendershot, MD; Michael Vella, MD, MBA; Paula Ferrada, MD; Clay Cothren Burlew, MD; Rachel Appelbaum, MD



OPTIONAL SESSIONS

FRIDAY, SEPTEMBER 13

12:00 PM - 1:15 PM

LUNCH SESSIONS

CASE STUDIES ON PUBLISHING AND REVIEWING FOR JTACS

Present and discuss with audience real-life examples of what to do and what not to do when writing and reviewing a manuscript.

Topics to be covered:

1. Real-life examples of flaws caught by reviewers
2. Real-life examples of what not to do when writing and submitting a manuscript
3. Multivariate Analysis: Types of MA. When to use them? How should it be reported in the manuscript regarding the model used? Common flaws
4. Propensity Scoring: Types of PS. When to use them? How should it be reported in the manuscript

Moderators: Walt Biffi, MD

Speakers: Kenji Inaba, MD; David Morris, MD; Bishoy Zakhary, MD, MPH

DIRECTORSHIPS, LEADERSHIP ROLES, AND TAKING THE LEAD: EVERYTHING I WISH I KNEW

This session will be a “fireside conversation” in an intimate setting with 2-3 trauma leaders who have assumed new roles under challenging circumstances. Speakers will share candid stories of both successes and challenges. Additionally, they will provide tips and tricks on how to best prepare for a new role. The target audience includes individuals in leadership positions or those aspiring to attain such roles. This session is proposed following the AAST SRI’s identification of a need for mentoring and networking within our organization.

Moderators: Ryan Dumas, MD; Rosemary A. Kozar, MD, PhD

Speakers: TBD

LEADING A SUCCESSFUL MULTI-INSTITUTIONAL TRIAL FROM A TO Z

The AAST allows members to design and conduct multi-institutional trials. While many trials have been successful, this success may be variable. Additionally, many new and mid-career faculty may encounter challenges while designing a trial and as the trial is progressing. We aim to explore issues that are commonly encountered and how to best reconcile them. Topics will include how to generate an idea, how to utilize the National Trauma Research Repository, biostatistical considerations, legal issues, and generating subsequent studies and post-hoc analyses.

Moderators: Navpreet K. Dhillon, MD; Joseph DuBose, MD

Speakers: Melike N. Harfouche, MD, MPH; Monica Phillips, MSN, MBA; Jeff Choi, MD, MSc; Caitlin Fitzgerald, MD; Rachel L. Choron, MD; Mira H. Ghneim, MD; Ryan Dumas, MD

THE PHYSICAL, EMOTIONAL, AND MENTAL TOLL OF ACADEMIC SURGERY: ACTIONABLE STEPS TO PROTECT YOUR HEALTH AND REKINDLE YOUR SPARK

More than a quick fix or just a buzzword, wellness for academic surgeons is an ongoing challenge that requires intentional effort. The goal of this session is to recognize the daily challenges that surgeons are faced with daily, and provide tangible, actionable methods of improving ones overall emotional and physical wellbeing. Attendees will learn to identify, and address burn out and use a mindfulness approach to medicine, focus on ergonomics and prevention of injuries and learn nutritional strategies for health improvement.

Moderators: Julia R. Coleman, MD, MPH; Simin Golestani, MD





Speakers: Paula Ferrada MD; Chrissy Guidry, DO; Barry Platnick, MD; Michael Vella, MD, MBA Vella MD

NAVIGATING THE UNFORESEEN: TRAUMA SYSTEM PREPAREDNESS

The escalating global armed conflicts and natural disasters pose significant challenges to trauma systems worldwide. Many countries and regions remain unprepared and ill-equipped to handle these crises effectively. In our session, we aim to bring together experts from diverse backgrounds to explore this critical issue. They will provide valuable insights and practical guidance on preparing trauma systems to respond adeptly to unexpected situations, ensuring resilience and adaptability in the face of evolving threats.

Topics to include:

1. Gearing Up for Acute Response in Danger Zones (GUARD) protocol - Aaron Epstein, MD President, Global Surgical and Medical Support Group (GSMSG) Recipient, Citizen Honors Award by the Congressional Medal of Honor Society Clinical fellow, Ryder Trauma Center, Jackson Memorial, Miami, FL
2. Reconstructing the War Injured Patient - Ghassan Abu-Sittah, MBChB FRCS (Plast) Associate Professor of Surgery Plastic, Reconstructive and Aesthetic Surgeon, Honorary Senior Lecturer, Center for Blast Injury Studies, Imperial College London University Visiting Senior Lecturer, Conflict & Health Research Group, Faculty of Life Sciences and Medicine, King's College London University Director, Conflict Medicine Program, Global Health Institute, American University of Beirut Clinical Lead, Trauma Advisory & Operational Team, WHO-EMRO
3. Boots on the Ground: Lessons Learned from the 2022 Ukraine-Russia Conflict, 2023 Israel-Gaza Conflict, and the 2010/2021 Haitian Earthquake Disasters - Enrique Ginzburg, MD Professor of Surgery University of Miami Miller School of Medicine Trauma Medical Director Ryder Trauma Center at Jackson South Medical Center Chair of Surgery Jackson South Medical Center Chief of Staff Jackson South Medical Center
4. Health Systems in Conflict: Diverse Actors and Roles - Kent Garber, MD, MPH Assistant Professor Trauma, Acute Care Surgery, and Surgical Critical Care; University of California, San Francisco/San Francisco General Hospital

Moderator: W. Alan Guo, MD, PhD; Christine Gaarder, MD, PhD

Speakers: Aaron Epstein, MD; Ghassan Abu-Sittah, MBChB FRCS (Plast); Enrique Ginzburg, MD; Kent Garber, MD, MPH

GERIATRIC TRAUMA: MODELS OF CARE

The 2022 Resources for the Optimal Care of the Injured Patient and the Best Practice Guidelines for Geriatric Trauma Management are now being utilized for verification of ACS trauma centers. How do we best prepare for the new guidelines? Is there a best practice model? Are there any benefits to using one over another? Do I need additional resources and how do I recruit physicians or advanced practice providers for this new "trauma program"?

1. Models of Care: Is There a Best Practice, or Should There

OPTIONAL SESSIONS

- Be Only One Model? - Bellal Joseph (15 mins)
2. What Are the Key Aspects You Need in Your New “Geriatric Trauma Program”? Going Down the List of Additional Resources the Geriatric Program Needs - Vanessa Ho (15 mins)
 3. How Do I Recruit Faculty and APP into My New Geriatric Program? How Do I Make This Interesting to Someone Who Just Wants to Operate and Take Care of Sick Trauma/EGS Patients - Martin Zielinski (15 mins)
 4. End of Session - 15 min Q&A to gather insight and provide feedback to members

Moderators: Jose Diaz, MD; Bellal Joseph, MD

Speakers: Bellal Joseph, MD; Vanessa Ho, MD, MPH; Martin Zielinski, MD

INTRODUCING ROBOTICS TO THE ACUTE CARE SURGERY SETTING - A BENEFIT TO PATIENTS OR JUST A SHINY NEW TOY?

An assessment of the application of robotics and new technology into the spheres of trauma and acute care surgery.

1. Application of Robotics to Acute Care Surgery: Determining the Benefits of Robotic Surgery in the Acute Care Surgery Setting with an Examination of Hernia Repair
2. Application of Robotics to Acute Care Surgery: Determining the Benefits of Robotic Surgery in the Acute Care Surgery Setting with an Examination of Colon Surgery
3. Application of Robotics to Acute Care Surgery: Determining the Benefits of Robotic Surgery in the Acute Care Surgery Setting with an Examination of Appendiceal and Gallbladder Surgery
4. Application of Robotics to Trauma Surgery: Determining the Benefits and Challenges of Robotic Surgery in the Trauma Surgery Setting with an Examination of Exploration and Injury Determination
4. A Contrarian Opinion of Robotics in the Emergent/Urgent Surgical Space
5. An Examination of Pitfalls and Challenges to Incorporating Robotic Surgery into the Hospital Setting

Moderators: Michael Cripps MD, MSCS; Suresh Agarwal, MD

Speakers: Bruce Crookes, MD; Aziz Merchant, MD; Matthew Martin, MD; Steve Satterly, MD; Michael Cripps MD, MSCS; Michael Nabozny, MD; Heather Evans, MD; Lewis Kaplan, MD

AAST VIRTUAL GRAND ROUNDS



**SCAN HERE
TO VIEW
DATES**

DISCOVER THE FOREFRONT OF SURGICAL EXPERTISE AND CRITICAL CARE ADVANCEMENTS WITH AAST'S VIRTUAL GRAND ROUNDS WEBINAR SERIES.

As a leading scholarly organization for trauma surgeons and dedicated professionals in the field, the American Association for the Surgery of Trauma invites you to join their web-based educational series.

Immerse yourself in an exceptional learning experience, where renowned experts will share their invaluable insights, innovative approaches, and cutting-edge research. Don't miss this unparalleled opportunity to expand your knowledge and elevate your practice. Mark your calendars for upcoming dates by scanning below! Elevate your skills and connect with the brightest minds in trauma care at an AAST Virtual Grand Rounds.

SCHEDULE

AT A GLANCE

MONDAY, SEPTEMBER 9, 2024

7:30 AM - 4:00 PM Emergency Surgery Course (ADDITIONAL FEE)

TUESDAY, SEPTEMBER 10, 2024

7:30 AM - 4:00 PM Emergency Surgery Course (ADDITIONAL FEE)

7:30 AM - 4:30 PM AAST Board of Managers Meeting

7:30 AM - 6:00 PM Registration

8:00 AM - 5:00 PM **MILITARY SYMPOSIUM**

5:00 PM - 6:00 PM Military Reception (INVITE ONLY)

10:00 AM - 1:00 PM Geriatric and Prevention Committees: Falls Prevention Event (INVITE ONLY)

PRE-SESSIONS

1:00 PM - 5:00 PM The 2024 AAST Neurocritical Care Update and Board Review Course

1:00 PM - 5:00 PM Integrating Advanced Practice Providers in Acute Care Surgery: Considerations, Solutions, and Fresh Perspectives

1:00 PM - 3:30 PM Hands-on Laparoscopic Common Bile Duct Exploration Seminar: Session I

3:30 PM - 6:00 PM Hands-on Laparoscopic Common Bile Duct Exploration Seminar: Session II

WEDNESDAY, SEPTEMBER 11, 2024

6:30 AM - 7:30 AM Resident/Student/In-training Fellow Breakfast
Presenter: Ronald Stewart, MD

6:30 AM - 7:00 PM Registration

6:30 AM - 7:45 AM Committee Meetings I

7:30 AM - 8:30 AM Breakfast

ONGOING Mother's Room

8:00 AM - 8:45 AM Welcome

8:45 AM - 9:45 AM

SESSION I: PLENARY PAPERS 1-3

Moderator: Patrick Reilly, MD; Recorder: Karen Brasel, MD, MPH

PAPER 1: TRAUMA CENTERS AS HEALTH EQUITY BEACONS: MITIGATING THE EFFECTS OF SOCIAL VULNERABILITY ON INJURY MORTALITY

PAPER 2: THE ECONOMIC IMPACT OF DECREASING STATE TRAUMA MORTALITY ON LIFETIME PERSONAL INCOME AND STATE TAX REVENUE

PAPER 3: ASSOCIATION OF PRE- AND POST-INJURY MENTAL HEALTH WITH LONG TERM CLINICAL AND FINANCIAL OUTCOMES

MEETING EVENTS

- 9:45 AM - 10:15 AM **SESSION II: 7TH WORLD TRAUMA CONGRESS
KEYNOTE ADDRESS**
Presenter: Yasuhiro Otomo, MD; Moderator: Raul Coimbra, MD, PhD
- 10:15 AM - 11:55 AM **SESSION III: PAPERS 4-8**
Moderator: Christine Gaarder, MD, PhD; Recorder: Ryan Dumas
PAPER 4: IS ASPIRIN AN EFFECTIVE THROMBOPROPHYLAXIS IN HIGH-RISK PATIENTS? A COMPREHENSIVE SUBPOPULATION ANALYSIS OF THE PREVENT CLOT STUDY
PAPER 5: JUST BECAUSE WE CAN DOESN'T MEAN WE SHOULD: ONE YEAR MORTALITY FOLLOWING TRACHEOSTOMY IN TRAUMATICALLY INJURED OLDER ADULTS
PAPER 6: NOT ALL CALL IS CREATED EQUALLY: THE IMPACT OF CULTURE AND GENDER ON BURNOUT RELATED TO IN-HOUSE CALL
PAPER 7: NATIONAL ESTIMATES OF FINANCIAL TOXICITY BEFORE AND AFTER TRAUMATIC INJURY
PAPER 8: INTEGRATED VASCULAR TRAINING MAY NOT PREPARE GRADUATES TO CARE FOR VASCULAR TRAUMA PATIENTS
- 11:00 AM - 7:00 PM Exhibits Open
- 11: 55 AM - 12:15 PM Break in the Exhibit Hall (LOOK FOR THE PARTY LIGHT CART!)
- 12:15 PM - 1:15 PM **SESSION IV: PRESIDENTIAL ADDRESS**
"BE ALL YOU CAN BE"
Presenter: Patrick Reilly, MD
- 1:15 PM - 2:30 PM **LUNCH SESSIONS I**
Educational Evolution – The Integration of New Surgical Educational Platforms
Optimizing Your Output- Advanced Medical Billing and Coding
Palliative Care for the Acute Care Surgery: What you need to know
Trauma Survivors Network (TSN) – how does it really work?
Trauma Surgeons Embracing Pediatric Challenges in Global Resource-Limited Settings
Optimizing Your Output- Advanced Medical Billing and Coding
- 1:15 PM - 2:30 PM Lunch on own (IF NOT ATTENDING A LUNCH SESSION)
- 2:30 PM - 6:10 PM **SESSION VA: PAPERS 9-19**
Moderator: Ben Zarzaur, MD, MPH; Recorder: Deborah Stein, MD, MPH
PAPER 9: PROPHYLACTIC ANTIBIOTICS IN NON-OPERATIVE FACIAL FRACTURES: AN AAST MULTICENTER TRIAL
PAPER 10: ENHANCING TRAUMA OUTCOMES IN INDIA: THE IMPACT OF GOOD SAMARITAN LAW
PAPER 11: OUTCOMES AMONG PATIENTS WITH ISOLATED TRAUMATIC BRAIN INJURY BEFORE & AFTER MEDICAID EXPANSION
PAPER 12: THE ECONOMIC IMPACT OF LEGAL ADVOCACY FOR SURVIVORS OF FIREARM INJURY
PAPER 13: ACCURACY, RELIABILITY, AND UTILITY OF THE EFAST EXAM IN THE SETTING OF PENETRATING THORACIC TRAUMA
PAPER 14: PELVIC ANGIOEMBOLIZATION DOES NOT INCREASE PELVIC ISCHEMIC COMPLICATIONS: A MULTICENTER AAST STUDY
PAPER 15: COAGULATION STUDIES OF A NOVEL CARDIOVASCULAR SUPPORT FLUID (VBI-1) FOR USE IN HEMORRHAGIC SHOCK: AUGMENTATION OF THE BLOOD SUPPLY
PAPER 16: FAR FROM HOME: PATIENT PREFERENCES AND ACCEPTABLE RISK TOLERANCE FOR LOCAL VS REGIONAL TRAUMA CARE

MEETING EVENTS

PAPER 17: THE INTERACTION BETWEEN GERIATRIC VULNERABILITY & SOCIAL SUPPORT: VARIATIONS IN COMMUNITY ENGAGEMENT DRIVE RECOVERY AMONG OLDER ADULT TRAUMA PATIENTS

PAPER 18: COGNITIVE OUTCOMES AND NEUROSTIMULANTS AMONG THE CEREBRALLY INJURED & OBTUNDED IN THE UNITED STATES: THE CONSCIOUS STUDY

PAPER 19: INVISIBLE INJURIES: ASYMPTOMATIC SPINE FRACTURES AFTER FALLS FROM HEIGHT

2:30 PM - 6:10 PM

SESSION VB: PAPERS 20-30

Moderator: Joseph Cuschieri, MD; Recorder: Susan Evans, MD

PAPER 20: KETAMINE INFUSION FOR PAIN CONTROL IN SEVERELY INJURED PATIENTS: RESULTS OF A RANDOMIZED CONTROLLED TRIAL.

PAPER 21: ANTI XA GUIDED THROMBOPROPHYLAXIS IN CRITICAL TRAUMA PATIENTS IS ASSOCIATED WITH LESS VTE, EXPERIENCE FROM A TERTIARY CARE TRAUMA CENTER

PAPER 22: IMPACT OF AMERICAN COLLEGE OF SURGEONS TRAUMA VERIFICATION ON A STATEWIDE QUALITY COLLABORATIVE

PAPER 23: HIGH INTENSITY TIME SENSITIVE INTERVENTIONS IN GERIATRIC TRAUMA ACTIVATIONS: A MULTICENTER STUDY

PAPER 24: TXA IMPACT ON PLATELET ADHESION TO THE ENDOTHELIUM AFTER SHOCK CONDITIONS: A PROTECTIVE EFFECT?

PAPER 25: CLINICAL MANAGEMENT OF BLUNT CEREBROVASCULAR INJURY-RESULTS FROM THE AAST PROSPECTIVE OBSERVATIONAL VASCULAR INJURY TRIAL (PROOVIT)

PAPER 26: IMPACT OF STATE ADMISSION STANDARDS ON PATIENTS WITH ISOLATED RIB FRACTURES

PAPER 27: SOCIAL SUPPORT HELPS MITIGATE DISPARITIES ASSOCIATED WITH VARIATIONS IN NEIGHBORHOOD VULNERABILITY AMONG TRAUMA PATIENTS

PAPER 28: UNCOVERING THE ROLE OF PLATELET DRIVEN THROMBO-INFLAMMATION IN POST-TRAUMATIC ARDS

PAPER 29: DYNAMIC CHANGES IN BLEEDING SITES: EVALUATING CONTRAST EXTRAVASATION ON COMPUTED TOMOGRAPHY AND ANGIOGRAPHY IN PELVIC FRACTURES

PAPER 30: RESUSCITATION TRIGGERS AND OUTCOMES IN A BLOOD-CONSTRAINED TRAUMA ENVIRONMENT: ESTABLISHING TARGETS FOR EVIDENCE-BASED GUIDELINES

6:10 PM - 7:10 PM Welcome Reception with Exhibitors (IN THE EXHIBIT HALL)

7:10 PM - 8:30 PM WITS Reception

THURSDAY, SEPTEMBER 12, 2024

6:15 AM - 7:15 AM DEI Networking Breakfast

6:15 AM - 7:15 AM Committee Meetings II

7:00 AM - 8:00 AM Breakfast in Exhibit Hall

7:00 AM - 2:30 PM Exhibits Open

7:00 AM - 2:00 PM Registration

ONGOING Mother's Room

SESSION VI: PAPERS 31-36

Moderator: Stephanie Savage, MD, MS; Recorder: Brittany Bankhead, MD, MS

PAPER 31: WEALTH IS HEALTH: HIGH ECONOMIC STATUS IN CAMEROON CORRELATES WITH PROTECTIVE GEAR USE IN TRAFFIC INJURIES AND IMPROVED CLINICAL OUTCOMES

MEETING EVENTS

- PAPER 32: AUTOMATING EXCELLENCE: A BREAKTHROUGH IN EMERGENCY GENERAL SURGERY QUALITY BENCHMARKING
- PAPER 33: DEFINING AND ASSESSING EQUITY TO CARE IN AN URBAN TRAUMA CENTER
- PAPER 34: PATTERNS OF CARE FRAGMENTATION: DO EMERGENCY GENERAL SURGERY PATIENTS BENEFIT FROM INTERFACILITY TRANSFER?
- PAPER 35: STANDARDIZED ELECTRONIC ORDER SETS DECREASES OPIOID USE FOR EMERGENCY GENERAL SURGERY PATIENTS
- PAPER 36: OPERATIVE NEUROSURGERY FOR TRAUMATIC SUBDURAL HEMATOMA: TRAUMA CENTER VARIATION IS ASSOCIATED WITH PATIENT OUTCOMES
- 9:30 AM - 10:00 AM Break in Exhibit Hall (LOOK FOR THE PARTY LIGHT CART!)
- 10:00 AM - 11:00 AM **SESSION VII: PANEL I**
AI VALUATION & RISK: A CURRENT TOOLBOX FOR TRAUMA/ACS SURGEONS
Moderator: TBD; Recorder: TBD
- 11:00 AM - 11:30 PM **SESSION VIII: SCHOLARSHIP PRESENTATIONS**
Julia Coleman, MD, MPH; "THE INTERACTION OF ESTRADIOL AND PLATELET BIOLOGY: A MECHANISTIC EXPLORATION OF SEX DIMORPHISMS IN COAGULATION AND IMPLICATIONS FOR TRANSFUSION MEDICINE"
Anaar Siletz, MD; "WHOLE TRANSCRIPTOME DYNAMICS IN NEUTROPHILS AFTER BLUNT TRAUMA"
Marissa Boeck, MD, MPH; "IDENTIFYING AND ADDRESSING UNMET NEEDS OF INJURY SURVIVORS AT A SAFETY NET HOSPITAL IN SAN FRANCISCO"
Letita Bible, MD; "CAN THE GUT SAVE THE BRAIN? AN INVESTIGATION OF MICROBIOME ON THE RECOVERY FROM TRAUMATIC BRAIN INJURY"
Sarah Cottrell-Cumber, DO: ASSOCIATE MEMBER MENTORING SCHOLAR
- 11:30 AM - 12:30 PM **SESSION IX: FITTS LECTURE**
Presenter: Michael Rotondo, MD
- 12:30 PM - 12:45 PM Break - HEAD TO POSTER SESSION AND COLLECT YOUR HEADPHONES AND LISTENING DEVICE
- 12:45 PM - 1:45 PM **SESSION X: POSTER SESSION**
Group 1: Abdominal Trauma and EGS
Poster Professor: Ajai Malhotra, MD, Faran Bokhari, MD
Group 2: Critical Care
Poster Professor: Laura Haines, DO, Michael Cripps, MD
Group 3: Geriatrics Poster
Professor: Kaitlin Ritter, MD, Jacob Glaser, MD
Group 4: Health Disparities
Poster Professor: Matthew Martin, MD, Caitin Fitzgerald, MD
Group 5: Pediatrics and Injury Prevention
Poster Professor: Tanya Anand, MD, MPH, Patricia Ayoung-Chee, MD, MPH
Group 6: Neurological Trauma and Global Health
Poster Professor: Kazuhide Matsushima, MD, Gabrielle Hatton, MD
Group 7: Organ-based Trauma
Poster Professor: Nicole Werner, MD, David Blake, MD, MPH
Group 8: Preclinical/Translational
Poster Professor: Todd Costantini, MD, Fariha Sheikh, MD
Group 9: Shock/Transfusion
Poster Professor: Lucy Kornblith, MD, Angela Ingraham, MD, MS
Group 10: Trauma Systems, Epidemiology and Health Economics
Poster Professor: Gail Tominaga, MD, Lara Senekjian, MD
- 1:45 PM - 2:45 PM Lunch on own
- 1:45 PM - 2:45 PM Lunch and Learn with Exhibitors
- 1:45 PM - 6:00 PM **ADD-ON SESSIONS (PICK UP LUNCH AND HEAD TO ROOM)**
A Comprehensive Approach to Making the Transition to Independent Investigator
Hospital Disaster Preparedness: A Recipe for Success
The AAST 2024 Continuous Certification Course

MEETING EVENTS

- 1:45 PM - 6:00 PM Leadership Academy
- 2:30 PM - 5:00 PM JTACS Editorial Board Meeting (INVITE ONLY)
- 6:00 PM - 7:00 PM Leadership Academy Reception (INVITE ONLY)
- 5:00 PM - 8:00 PM SCCPDS Board of Directors Meeting (INVITE ONLY)
- 6:00 PM - 6:30 PM Associate Member Business Meeting (AAST ASSOCIATE MEMBERS ONLY)
- 6:30 PM - 7:30 PM Associate Member Happy Hour (AAST ASSOCIATE MEMBERS ONLY)

FRIDAY, SEPTEMBER 13, 2024

- 6:15 AM - 7:15 AM International Attendee Breakfast
- 6:15 AM - 7:15 AM Committee Meetings III
- 6:15 AM - 7:15 AM Board of Managers Meeting (INVITE ONLY)
- 7:00 AM - 8:00 AM Breakfast in Exhibit Hall
- 7:00 AM - 1:30 PM Exhibits Open
- 7:00 AM - 3:00 PM Registration
- 9:00 AM - 5:00 PM AAST Pipeline Program Workshop
- ONGOING Mother's Room
- 7:30 AM - 10:10 AM **SESSION XI: PAPERS 37-44**
Moderator: Richard Miller, MD; Recorder: Annie Moore, MD
 PAPER 37: PREDICTIVE VALUE OF PLATELET FUNCTION ASSAYS IN TRAUMATIC BRAIN INJURY PATIENTS ON ANTIPLATELET THERAPY: INSIGHTS FROM A RANDOMIZED CONTROLLED TRIAL
 PAPER 38: UNCOVERING THE ICEBERG: TRACKING VTE EVENTS IN TRAUMA PATIENTS AFTER DISCHARGE
 PAPER 39: INFLAMMATORY CYTOKINES PRESENT ON ARRIVAL PREDICT 28-DAY MORTALITY FOLLOWING TRAUMA
 PAPER 40: INSUFFICIENT OPIOID PRESCRIBING IS ASSOCIATED WITH RETURN TO THE EMERGENCY DEPARTMENT AFTER TRAUMATIC INJURY
 PAPER 41: SILENCING METHYLATION-CONTROLLED J PROTEIN MITIGATES BURN-INDUCED MITOCHONDRIAL DYSFUNCTION IN ALPHA MOUSE LIVER-12 CELLS
 PAPER 42: TRAUMATIC ENDOTHELOPATHY PHENOTYPES IN INJURED CHILDREN: A PRINCIPAL COMPONENT ANALYSIS
 PAPER 43: ADIPOSE DERIVED STEM CELLS SECRETE PRO AND ANTI-INFLAMMATORY CYTOKINES AFTER MAJOR BURN INJURY
 PAPER 44: ARE PROPHYLACTIC VENA CAVA FILTERS EVER INDICATED IN TRAUMA? A CONTEMPORARY ANALYSIS FROM THE CLOTT STUDY
- 10:10 AM - 10:30 AM Break in Exhibit Hall (LOOK FOR THE PARTY LIGHT CART!)
- 10:30 AM - 11:00 AM **SESSION XII: EXPERT SURGEON LECTURE**
"A LOOK BACK.....ON THE EVER-CHANGING PRACTICE OF TRAUMA SURGERY"
Presenter: Amy Goldberg, MD
- 11:00 AM - 12:00 PM **SESSION XIII: PANEL II**
"MAKING THE CASE FOR VALUE OF ACS-OVERCOMING LOCAL CHALLENGES"
Panelists: TBD
- 12:00 PM - 1:15 PM Lunch with Exhibitors (AAST SPONSORED)
- 12:00 PM - 1:30 PM TSACO Editorial Meeting (INVITE ONLY)

MEETING EVENTS

12:00 PM - 1:15 PM

LUNCH SESSIONS II

Case Studies on Publishing and Reviewing for JTACS
 Directorships, Leadership Roles, and Taking the Lead: Everything I Wish I knew

Geriatric trauma: Models of Care

Introducing Robotics to the Acute Care Surgery Setting - A Benefit to Patients or Just a Shiny New Toy?

Leading a Successful Multi-Institutional Trial From A to Z

Navigating the Unforeseen: Trauma System Preparedness

The Physical, emotional and mental toll of academic surgery: Actionable steps to protect your health and rekindle your spark

1:15 PM - 4:55 PM

SESSION XIVA: PAPERS 45-55

Moderator: Hans-Christoph Pape, MD; Recorder: Krista Kaups, MD, MSc

PAPER 45: GERI-SCREEN: A MULTICENTER TRIAL OF A NOVEL SCREENING TOOL FOR DEPRESSION AND SUICIDE RISK AMONG US TRAUMA PATIENTS

PAPER 46: TIME TO HEMOSTASIS: A POSSIBLE MECHANISM RESPONSIBLE FOR WHOLE BLOOD SURVIVAL BENEFIT

PAPER 47: TRAUMATIC AMPUTATION: THE EFFECT OF EARLY GUILLOTINE AMPUTATION ON SURGICAL SITE INFECTION

PAPER 48: AMBULANCE DESERTS AND INEQUITIES IN ACCESS TO EMS CARE IN THE UNITED STATES: ARE PATIENTS WITHIN SOCIOECONOMICALLY DISADVANTAGED AREAS AT AN INCREASED RISK FOR DELAYS IN PRE-HOSPITAL CARE?

PAPER 49: ASSESSING CASE VOLUME VARIATION ACROSS LEVEL 1 AND 2 TRAUMA CENTERS IN THE UNITED STATES

PAPER 50: ASSESSING TRAUMA INFORMED CARE ADOPTION: A COMPREHENSIVE SURVEY OF TRAUMA CENTER PROFESSIONALS AND INSTITUTIONAL TREND

PAPER 51: AWAITING INSURANCE COVERAGE: MEDICAID ENROLLMENT AND POST-ACUTE CARE USE AFTER TRAUMATIC INJURY

PAPER 52: DILUTION IS NOT THE SOLUTION: FACTORS AFFECTING THE DIRECT RED CELL EFFECT ON THROMBOSIS

PAPER 53: DO EMERGENCY MEDICAID PROGRAMS IMPROVE POST-DISCHARGE HEALTHCARE ACCESS FOR TRAUMA PATIENTS? A STATEWIDE MIXED-METHODS STUDY

PAPER 54: EARLY PRIMARY CARE FOLLOW-UP IMPROVES LONG-TERM FUNCTIONAL OUTCOMES AMONG INJURED OLDER ADULTS

PAPER 55: ELEVATED CELL-FREE HEMOGLOBIN: A NOVEL EARLY BIOMARKER FOLLOWING TRAUMATIC INJURY

1:15 PM - 4:55 PM

SESSION XIVB: PAPERS 56-66

Moderator: Kimberly Davis, MD, MBA; Recorder: Babak Sarani

PAPER 56: EMERGENCY MEDICAL SERVICES LEVEL OF TRAINING AFFECTS MORTALITY IN HIGH-RISK TRAUMA PATIENTS: A COMBINED PRE-HOSPITAL AND IN-HOSPITAL DATABASE ANALYSIS

PAPER 57: GENOMIC ANALYSIS TO IDENTIFY SURGICAL PATIENTS AT RISK FOR POST-OPERATIVE SEPSIS AND SURGICAL SITE INFECTIONS

PAPER 58: IDENTIFYING NOVEL NONCODING GENOMIC REGIONS IN SEPSIS USING RNA SEQUENCING DATA

PAPER 59: IMPACT OF PSYCHOSOCIAL INTERVENTION ON QUALITY OF LIFE IN PATIENTS WITH POST-TRAUMATIC LIMB AMPUTATION/S- A RANDOMIZED CONTROLLED TRIAL.

EXHIBITOR INFORMATION

PAPER 60: INCREASED PULMONARY MORBIDITY AND MORTALITY WITH EARLY VIDEO-ASSISTED THORACIC SURGERY FOR RETAINED HEMOTHORAX

PAPER 61: LATE VTE CHEMOPROPHYLAXIS IS ASSOCIATED WITH INCREASED RISK OF DVT, PE, AND MORTALITY IN PATIENTS WITH SPINAL INJURIES

PAPER 62: POLYMERASE CHAIN REACTION FOR EARLY IDENTIFICATION OF BACTERIA CAUSING PNEUMONIA IN VENTILATED PATIENTS

PAPER 63: WITHDRAWN

PAPER 64: THE COSTS OF PARENTAL INJURY: IMPACTS ON CHILDREN'S HEALTHCARE UTILIZATION AND FINANCIAL BARRIERS

PAPER 65: TRAUMA CENTERS HAVE HEARD THE WARNING: AVOID ENDOVASCULAR TREATMENT FOR BLUNT CEREBROVASCULAR INJURIES

PAPER 66: FROM LAWS TO LOSS: EXAMINING THE TOLL OF ALCOHOL POLICY REPEALS ON YOUTHFUL DRIVER MORTALITY

5:00 PM - 6:30 PM AAST Business Meeting (AAST MEMBERS ONLY)

7:00 PM - 7:30 PM Reception

7:30 PM - 11:00 PM Auction and Banquet

SATURDAY, SEPTEMBER 14, 2024

7:00 AM - 8:00 AM New Member Breakfast

7:30 AM - 10:00 AM Registration (IF NEEDED)

7:30 AM - 8:30 AM Breakfast

ONGOING Mother's Room

8:00 AM - 9:18 AM **SESSION XV: QUICKSHOT SESSION I 1-13**

Moderator: Jamie Coleman, MD

QUICKSHOT 1: THE EFFECT OF PEDIATRIC WHOLE BLOOD USE AS A PROPORTION OF ADMINISTERED BLOOD PRODUCTS ON 24-HOUR MORTALITY: A DOSE EFFECT ANALYSIS

QUICKSHOT 2: EXTRACELLULAR VESICLES MEDIATE CYTOTOXICITY IN POST-BLUNT CHEST TRAUMA PNEUMONIA

QUICKSHOT 3: FLYING FASTER: DEFINING THE TIME-SAVINGS THRESHOLD FOR AIR VERSUS GROUND TRANSPORT SURVIVAL BENEFIT AFTER INJURY

QUICKSHOT 4: WITHDRAWN

QUICKSHOT 5: OUTCOMES AND COMPLICATIONS OF ECMO SUPPORT IN ISOLATED BLUNT THORACIC TRAUMA

QUICKSHOT 6: HYPERTENSION AFTER BLUNT RENAL TRAUMA: MYTH OR REALITY?

QUICKSHOT 7: UTILIZATION OF CARDIOPULMONARY BYPASS IN TRAUMA PATIENTS, AAST-SPONSORED MULTICENTER STUDY

QUICKSHOT 8: PREGNANCY UNDER PRESSURE: ASSESSING VENOUS THROMBOEMBOLISM DUE TO TRAUMA-INDUCED COAGULOPATHY IN PREGNANCY

QUICKSHOT 9: A MULTICENTER, PROSPECTIVE STUDY OF CALCIUM DERANGEMENTS ON ARRIVAL TO THE EMERGENCY DEPARTMENT AFTER MAJOR TRAUMATIC HEMORRHAGE

QUICKSHOT 10: EQUIVALENT OUTCOMES AFTER OPEN VS. ENDOVASCULAR REPAIR OF TRAUMATIC AXILLOSUBCLAVIAN ARTERIAL INJURY: A PROPENSITY SCORE MATCHED ANALYSIS

QUICKSHOT 11: THE IMPACT OF MOTORIST CHARACTERISTICS ON BEING UNDER TRIAGED IN MOTOR VEHICLE COLLISIONS

QUICKSHOT 12: PENETRATING MECHANISM AND HIGH SOCIAL VULNERABILITY ASSOCIATED WITH LATE SEVERE PRESSURE-RELATED INJURY IN SPINAL CORD PATIENTS

QUICKSHOT 13: IMPLEMENTATION OF A FRAILTY PATHWAY FOR GERIATRIC TRAUMA PATIENTS RESULTS IN DECREASED HOSPITAL COMPLICATIONS AND UNPLANNED INTUBATIONS

MEETING EVENTS

9:18 AM - 9:40 AM Break

9:40 AM - 10:58 AM **SESSION XVI: QUICKSHOT SESSION II 14-26***Moderator: Ronald Stewart, MD**QUICKSHOT 14: LET THE RESIDENT TRY: EVALUATION OF CENTRAL VE-
NOUS CATHETER PLACEMENT IN HYPOTENSIVE TRAUMA PATIENTS USING
TRAUMA VIDEO REVIEW**QUICKSHOT 15: METHAMPHETAMINE USE AND HOMELESSNESS ARE RISK
FACTORS FOR TRAUMA RECIDIVISM AND PREMATURE MORTALITY IN SUR-
VIVORS OF VIOLENT INJURIES**QUICKSHOT 16: PREDICTING FUTILITY IN HEMORRHAGING TRAUMA PA-
TIENTS UTILIZING 4-HOUR TRANSFUSION VOLUMES AND RATES**QUICKSHOT 17: PREDICTORS OF HEALTHY DAYS AT HOME: BENCHMARK-
ING LONG-TERM OUTCOMES IN GERIATRIC TRAUMA**QUICKSHOT 18: SOCIAL VULNERABILITY PROVOKES A HYPERCOAGULA-
BLE STATE IN TRAUMA**QUICKSHOT 19: THE TPA CHALLENGE TEG (TPA-TEG) PROVIDES A COM-
PREHENSIVE ASSESSMENT OF FIBRINOLYSIS IN THE SEVERELY INJURED**QUICKSHOT 20: BARRIERS TO USING TELEMEDICINE TO IMPROVE SEC-
ONDARY TRIAGE IN A RURAL TRAUMA SYSTEM**QUICKSHOT 21: 2024 AAST PANCREAS INJURY GRADING UPDATE: BETTER
GRADING FOR IMPROVED UNDERSTANDING OF MANAGEMENT OUT-
COMES**QUICKSHOT 22: GERIATRIC TRAUMA PROGRAMS: WHAT IS THE BENEFIT?**QUICKSHOT 23: IMPLEMENTATION OF A COLON MANAGEMENT GUIDE-
LINE: INCREASING RATE OF SAFE ANASTOMOSIS IN EMERGENCY GEN-
ERAL SURGERY PATIENTS**QUICKSHOT 24: RISK FACTORS FOR DVT IN PEDIATRIC TRAUMA PATIENTS:
A 5 YEAR REVIEW OF THE NTDB**QUICKSHOT 25: SOCIAL DETERMINANTS OF HEALTH AFFECT PHYSICAL
AND MENTAL HEALTH OF INJURED ADULTS IN AMERICA**QUICKSHOT 26: THROMBOEMBOLIC EVENTS AFTER ADMINISTRATION OF
TRANEXAMIC ACID (TXA) IN PATIENTS WITH BLUNT THORACIC TRAUMA*

11:00 AM Meeting Adjourned

**SCHEDULE SUBJECT TO CHANGE. PLEASE CHECK CONFERENCE APP AND ONLINE
PROGRAM BOOK FOR MOST UP-TO-DATE SCHEDULE AND ROOM NAMES.****EXHIBITORS**
AAST 2024
AS OF MAY 28TH

ACS Committee on Trauma	Trauma Research	PolyNovo North America
ACS Emergency General Surgery Verification Program	DePuy Synthes	Prytime Medical Devices
American Trauma Society	Excelsior Surgical Society	Sentinel Medical Technologies
Aroa	Extant Healthcare	Synapse Biomedical
ASR Systems TITAN CSR Retractor	Haemonetics	Teleflex
AstraZeneca	HemoSonics	Trauma Center Association of America
Avita Medical	KLS Martin Group	TRAUMGEL
Boston Scientific	Latino Surgical Society	Urgo Medical North America
CLR Medical	LifeNet Health	Zimmer Biomet
Coalition for National	MPLT Healthcare	
	Organogenesis	
	Piedmont Healthcare	

WORLD COALITION OF TRAUMA CARE SCHEDULE AT GLANCE

WEDNESDAY, SEPTEMBER 11, 2024

- 3:00 PM - 3:05 PM Keynote
Presenter: Raul Coimbra, MD, PhD
- 3:05 PM - 3:30 PM WHO consultation on the global strategy and action plan for emergency, critical and operative care (ECO)
- 3:30 PM - 5:00 PM **SCIENTIFIC SESSION I: TRAUMA RESUSCITATION I**
Moderator: Jonathan Meizoso, MD, MSPH
THE LETHAL DIAMOND: THE NEW CONCEPT IN TRAUMA RESUSCITATION
CODE CRIMSON: TWO-TIER TRAUMA CALL. HAS IT MADE A CLINICAL DIFFERENCE?
ROLES AND RESPONSIBILITIES OF TRAUMA NURSES IN THE RESUSCITATION OF SEVERELY INJURED PATIENTS
REVISITING REBOA FOR TRAUMA PATIENTS.
INNOVATIONS IN TRAUMA CARE THROUGH A HYBRID EMERGENCY ROOM SYSTEM
- 4:45 PM - 5:00 PM Discussion
- 5:00 PM - 5:05 PM Break
- 5:05 PM - 6:20 PM **SCIENTIFIC SESSION II: TRAUMA EDUCATION I**
Moderator: Allison Berndtson, MD
TRAUMA TRAINING IN THE FUTURE - A GLOBAL PERSPECTIVE
TRAINING TRAUMA SURGEONS: CHALLENGES AND INNOVATIONS
TEAM DYNAMICS IN TRAUMA RESUSCITATION: COMMUNICATION, COLLABORATION, AND RESILIENCE
CURRENT INNOVATIONS AND FUTURE HORIZONS IN TRAUMA EDUCATION IN JAPAN
- 6:05 PM - 6:20 PM Discussion

THURSDAY, SEPTEMBER 12, 2024

SKYVIEW IV 26TH FLOOR

- 8:00 AM - 9:30 AM **SCIENTIFIC SESSION III: CHALLENGING EXPOSURES IN TRAUMA: HOW DO YOU GET THERE? AND THEN WHAT DO YOU DO?**
Moderator: Kenji Inaba, MD
SUBCLAVIAN ARTERY
LUNG HILUM
RETROHEPATIC IVC
ESOPHAGUS
POPLITEAL ARTERY
- 9:15 AM - 9:30 AM Discussion - 15 min
- 9:30 AM - 9:35 AM Break

- 9:35 AM - 10:50 AM **SCIENTIFIC SESSION IV: MANAGEMENT OF RIB FRACTURES I**
Moderator: Andrew Doben, MD
 SURGICAL STABILIZATION OF RIB FRACTURES: WHEN AND HOW
 MANAGEMENT OF RIB FRACTURES: THE AUSTRALIAN NEW ZEALAND PERSPECTIVE
 MANAGEMENT OF RIB FRACTURES: THE EUROPEAN PERSPECTIVE
 TIMING FOR RIB FIXATION IN POLYTRAUMA PATIENTS
- 10:35 AM - 10:50 AM Discussion
- 10:50 AM - 10:55 AM Break
- 10:55 AM - 12:25 PM **SCIENTIFIC SESSION V: GERIATRIC TRAUMA ISSUES**
Moderator: Bellal Joseph, MD
 DOES EVERY GERIATRIC TBI PATIENT NEED A CT SCAN AND NEUROSURGERY CONSULTATION?
 THE SILVER TSUNAMI: UNDERSTANDING TRAUMA CARE IN THE ELDERLY POPULATION
 NON-ACCIDENTAL GERIATRIC TRAUMA
 FUTILITY IN GERIATRIC TRAUMA: WHAT IS IT AND HOW TO DETERMINE IT?
 END OF LIFE CARE IN TRAUMA
- 12:10 PM - 12:25 PM Discussion - 15 min
- 12:25 PM - 1:45 PM Lunch Break
- 1:45 PM - 3:00 PM **SCIENTIFIC SESSION VIA: PRE-HOSPITAL INTERVENTIONS IN TRAUMA CARE**
Moderator: Eileen Bulger, MD
 TRANEXAMIC ACID
 AIRWAY MANAGEMENT
 PRE-HOSPITAL ADVANCED RESUSCITATIVE CARE
 TOURNIQUET USE: WHEN AND HOW?
- 2:45 PM - 3:00 PM Discussion
- 3:00 PM - 3:05 PM Break
- 1:45 PM - 3:00 PM **SCIENTIFIC SESSION VIB: DISASTER AND MASS CASUALTY PREPARATION I**
Moderator: Yasuhiro Otomo, MD
 HOSPITAL RESPONSE IN MASS CASUALTIES
 LESSONS LEARNED AFTER A MAJOR EARTHQUAKE IN TURKEY
 LESSONS LEARNED FROM MASS CASUALTY MEDICAL RESPONSE FOLLOWING TERRORIST ATTACKS
 SURGICAL APPROACH IN CATASTROPHIC TRAUMATIC WOUNDS IN A MASS CASUALTY EVENT
- 2:45 PM - 3:00 PM Discussion
- 3:00 PM - 3:05 PM Break
- 3:05 PM - 4:50 PM **SCIENTIFIC SESSION VIIA: TRAUMA RESUSCITATION II**
Moderator: Sara Edwards, MD
 CIRCULATION FIRST
 USE OF ULTRASOUND TO GUIDE RESUSCITATION IN TRAUMA
 FLUID RESUSCITATION IN TRAUMA
 TRAUMA-INDUCED COAGULOPATHY
 REBOA: INDICATIONS, ADVANTAGES, AND COMPLICATIONS
 SEVERE TBI: EARLY MANAGEMENT OF INTRACRANIAL HYPERTENSION

4:35 PM - 4:50 PM Discussion

4:50 PM - 4:55 PM Break

3:05 PM - 4:20PM **SCIENTIFIC SESSION VIIB: TRAUMA EDUCATION II**

Moderator: Mark Boyer, MD

BEYOND ATLS: GLOBAL TRAUMA EDUCATION OPPORTUNITIES FROM THE ACSCOT

SURGICAL STRATEGY AND TREATMENT FOR TRAUMA (SSTT) COURSE

TRAUMA EDUCATION IN CHINA

BUILDING TRAUMA CARE TRAINING USING VIRTUAL REALITY AND MIXED REALITY DEVICES

4:05 PM - 4:20 PM Discussion

4:20 PM - 4:25 PM Break

4:55 PM - 5:55 PM **SCIENTIFIC SESSION VIIIA: MANAGEMENT OF RIB FRACTURES II**

Moderator: Babak Sarani, MD

SURGICAL STABILIZATION OF RIB FRACTURE GUIDELINES: WHERE ARE WE?

RIB FIXATION IN THE ELDERLY: WHEN AND HOW?

COMMON COMPLICATIONS AFTER RIB FIXATION

5:40 PM - 5:55 PM Discussion

4:25 PM - 5:55 PM **SCIENTIFIC SESSION VIIIB: TRAUMA SYSTEMS**

Moderator: Robert Winchell, MD

AN OVERVIEW OF TRAUMA SYSTEMS IN ASIA

REGIONALIZATION OF TRAUMA CARE IN SOUTH KOREA: PROCESS AND IMPACT

ECONOMIC IMPACT OF TRAUMA

EVOLUTION OF TRAUMA CARE IN THAILAND

IMPROVING TRAUMA OUTCOMES IN AUSTRALIA AND NEW ZEALAND

5:40 PM - 5:55 PM Discussion

1:45 PM - 3:35 PM **ORAL PAPERS IA: ABDOMINAL TRAUMA I PAPERS 1 - 10**

Moderator: Enrique Ginzburg, MD

PAPER 1: THE UTILITY OF MRI IN PANCREATIC INJURY PATIENTS REQUIRING SURGERY: INSIGHTS FROM A TQIP ANALYSIS

PAPER 2: THERAPEUTIC HYPOTHERMIA AND HEMORRHAGIC RISK IN NON-OPERATIVE BLUNT ABDOMINAL TRAUMA PATIENTS: A TRAUMA QUALITY IMPROVEMENT PROGRAM STUDY

PAPER 3: THE HYBRID EMERGENCY ROOM SYSTEM (HERS) FACILITATES EFFECTIVE USE OF THE RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) FOR ABDOMINAL TRAUMA PATIENTS IN HEMORRHAGIC SHOCK.

PAPER 4: TRANSCATHETER ARTERIAL EMBOLIZATION FOR BLUNT SPLENIC INJURY: INCIDENCE OF PSEUDOANEURYSMS AND ADDITIONAL EMBOLIZATION

PAPER 5: THE DECISION OF DIAGNOSTIC MODALITIES IN THE EVALUATION OF PELVIC FRACTURE PATIENTS WITH HEMATURIA

PAPER 6: TIMING MATTERS: EVALUATING THE IMPACT OF DELAYED PANCREATIC SURGERY ON OUTCOMES IN PANCREATIC TRAUMA PATIENTS - A TQIP DATABASE ANALYSIS

PAPER 7: REDUCING THE TREATMENT LEVEL OF PATIENTS WITH MAJOR TORSO HEMORRHAGE: THE ROLE OF REBOA IN A LEVEL-I TRAUMA CENTER

PAPER 8: A PREDICTION MODEL OF MORTALITY AMONG CIRRHOTIC PATIENTS WITH BLUNT ABDOMINAL TRAUMA: A SINGLE-CENTER RETROSPECTIVE STUDY

PAPER 9: EXPLORING THE THERAPEUTIC ROLE OF LAPAROSCOPY IN ANTERIOR ABDOMINAL STAB WOUNDS

PAPER 10: DIAGNOSIS AND TREATMENT OF TRAUMATIC ISOLATED BLUNT GRADE III PANCREATIC INJURY

3:25 PM - 3:35 PM

Break

1:45 PM - 3:45 PM

ORAL PAPERS IB: SHOCK/TRANSFUSION/RESUSCITATION PAPERS 11 - 21

Moderator: Julia Coleman, MD

PAPER 11: ANALYSIS OF THE CURRENT USAGE OF RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) IN PEDIATRIC TRAUMA PATIENTS: A RETROSPECTIVE OBSERVATIONAL STUDY FROM THE ACS-TQIP DATABASE.

PAPER 12: FIBRINOGEN EARLY IN SEVERE PAEDIATRIC TRAUMA STUDY (FEISTY JUNIOR): A RANDOMISED CLINICAL TRIAL

PAPER 13: DOES CRYOPRECIPITATE TRANSFUSION IMPROVE THE SURVIVAL OUTCOME OF BLUNT TRAUMA?- A SINGLE TRAUMA CENTER RETROSPECTIVE STUDY IN JAPAN-

PAPER 14: PREVALENCE OF TRAUMA-INDUCED COAGULOPATHY DIAGNOSED USING THROMBOELASTOGRAPHY IN A REGIONAL HOSPITAL IN THE PHILIPPINES

PAPER 15: ANALYZING ADVERSE EVENTS IN TRAUMA RESUSCITATION: IMPLEMENTING A DATA-DRIVEN APPROACH FOR IMPROVED PATIENT CARE AND SAFETY

PAPER 16: THE DIAGNOSTIC ACCURACY OF FAST CT IN THE COMPUTED TOMOGRAPHY FIRST RESUSCITATION STRATEGY WITH HYBRID EMERGENCY ROOM SYSTEM FOR SEVERELY TRAUMA PATIENTS

PAPER 17: FIIRST-2 TRIAL: FACTORS IN THE INITIAL RESUSCITATION OF SEVERE TRAUMA. A 2020 EAST MULTICENTER TRIAL

PAPER 18: OUTCOMES AFTER REVISED BLOOD TRANSFUSION POLICY DURING CRITICAL NATIONAL BLOOD SHORTAGE

PAPER 19: ABO BLOOD TYPE GROUPS AND OUTCOMES OF SEVERE TRAUMA PATIENTS: SYSTEMATIC REVIEW

PAPER 20: ROTEM IN COAGULATION MANAGEMENT FOR MAJOR TRAUMA PATIENTS: EVIDENCE BASED ALGORITHMIC APPROACH

PAPER 21: FEASIBILITY OF RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA FOR COMPUTED TOMOGRAPHY DIAGNOSIS: A REEVALUATION

3:35 PM - 3:45 PM

Break

1:45 PM - 3:45 PM

ORAL PAPERS IC: OUTCOMES - GUIDELINES PAPERS 22 - 33

Moderator: Milos Buhavac, MD

PAPER 22: IMPACT OF CD4 COUNT ON HIV POSITIVE TRAUMA PATIENTS IN URBAN U.S. CITY

PAPER 23: IMPACT OF CRASH DYNAMICS ON MORTALITY AND INJURY OUTCOMES AFTER ROAD TRAFFIC CRASHES (RTC) IN INDIA

PAPER 24: INCREASED RISK OF POST-INJURY PULMONARY EMBOLISM AMONG SICKLE CELL DISEASE PATIENTS

PAPER 25: IS WHOLE-BODY CT SCAN WARRANTED IN ELDERLY PATIENTS AFTER A FALL?

PAPER 26: CHALLENGES IN SAVING PATIENTS WITH TRAUMA IN SEOUL: A RETROSPECTIVE COHORT STUDY BASED ON 2016-2020 COMMUNITY-BASED SEVERE TRAUMA SURVEY

PAPER 27: COMPARISON OF SURVIVAL OUTCOMES IN TRAUMA PATIENTS TREATED WITH ECMO OVER THE YEARS

PAPER 28: THE EXTERNAL VALIDATION OF THE REVISED LETHAL TRIAD CRITERIA FOR APPROPRIATE STRATEGIC DECISION-MAKING

PAPER 29: REFINING RISK IN RIB FRACTURES: THE COMPOUND EFFECT OF RIB FRACTURE SEVERITY AND AGE IN PREDICTING MORTALITY

PAPER 30: MANAGEMENT AND OUTCOME OF VARIOUS TYPES OF NECK INJURIES AT LEVEL 1 TRAUMA CENTRE- AN AMBISPECTIVE OBSERVATIONAL STUDY

PAPER 31: PREHOSPITAL AIRWAY MANAGEMENT IN COMBAT TRAUMA: CURRENT EVIDENCE

PAPER 32: PREDICTORS OF OUTCOMES OF MOTORCYCLE CRASH ISOLATED HEAD INJURIES FROM A TERTIARY GOVERNMENT HOSPITAL IN THE PHILIPPINES

PAPER 33: FACTORS ASSOCIATED WITH IN-HOSPITAL MORTALITY AMONG PREGNANT TRAUMA PATIENTS; A NATIONWIDE STUDY IN JAPAN

3:45 PM - 3:55 PM

Break

1:45 PM - 3:45 PM

ORAL PAPERS ID: EXTREMITY TRAUMA PAPERS 34 - 45

Moderator: Mayur Narayan, MD, MPH, MBA, MHPE

PAPER 34: EXPLORING THE IMPACT OF AI ALGORITHMS ON PHYSICIAN PERFORMANCE IN PELVIC RADIOGRAPHY: A PROSPECTIVE, OBSERVER-BLINDED USER TEST STUDY

PAPER 35: TARGETED MUSCLE REINNERVATION (TMR) AT THE TIME OF MAJOR LIMB AMPUTATION /IN PATIENTS WITH LOWER EXTREMITY TRAUMA. A RANDOMISED CONTROL TRIAL.

PAPER 36: IMPACT OF PSYCHOSOCIAL INTERVENTION ON QUALITY OF LIFE IN PATIENTS WITH POST-TRAUMATIC LIMB AMPUTATION/S- A RANDOMIZED CONTROLLED TRIAL.

PAPER 37: A CONTRAST-ENHANCED COMPUTED TOMOGRAPHY SCAN COMBINE WITH 3-D PELVIS RECONSTRUCTION IN THE EMERGENCY DEPARTMENT SHORTENS THE TIME TO DEFINITIVE FIXATION OF UNSTABLE PELVIC FRACTURES

PAPER 38: SAFETY OR SPEED? ASSESSING ALTERNATIVE VASCULAR ACCESS FOR ANGIOGRAPHY FOLLOWING RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) IN SEVERE PELVIC TRAUMA PATIENTS

PAPER 39: RISK FACTORS FOR AMPUTATION OF AFFECTED LIMB IN COMPLEX EXTREMITY INJURY

PAPER 40: TENSION BAND FIXATION FOR PATELLAR FRACTURES: A STUDY OF FAILURE FACTORS

PAPER 41: DOES THE SURGEON'S EXPERIENCE INFLUENCE THE DURATION OF SURGERY IN 3D-ASSISTED PERCUTANEOUS TRANSPEDICULAR SPINAL STABILIZATION? - A RETROSPECTIVE MONOCENTRIC ANALYSIS OF 34 PATIENTS AFTER NAVI

PAPER 42: BINDING BLINDLY: PELVIC BINDERS - A FRIEND OR FOE

PAPER 43: MULTIFACETED CHALLENGES IN IATROGENIC VASCULAR TRAUMA: A CASE SERIES FROM THE DEPARTMENT OF TRAUMA SURGERY, AIIMS PATNA

PAPER 44: EXAMINING DISPARITIES IN LOWER EXTREMITY VASCULAR TRAUMA - A 12-YEAR SINGLE CENTER RETROSPECTIVE ANALYSIS

PAPER 45: REVERSE CONTRALATERAL PROXIMAL TIBIA PLATE FIXATION AND PROVISIONAL REDUCTION PLATING IN THE TREATMENT OF HOFFA FRACTURE

3:45 PM - 3:55 PM

BREAK

3:35 PM - 4:55 PM

ORAL PAPERS IIA: CRITICAL CARE PAPERS 46 - 53

Moderator: Rachel Appelbaum, MD

PAPER 46: INCIDENCE OF SURGICAL SITE INFECTION IN CASUALTY DEPARTMENT AT A TERTIARY CARE HOSPITAL IN BANGLADESH: RESULTS FROM A PILOT SURGICAL SITE INFECTION SURVEILLANCE

PAPER 47: MANAGEMENT OF ABDOMINAL, OPEN ABDOMEN, AND LOSS OF DOMAIN WITH DECELLULARIZED FISH DERMIS AND AUTOLOGOUS SUSPENDED-CELL TRANSPLANTATION

PAPER 48: CORRELATION OF ICU ACQUIRED WEAKNESS(ICUAW) MEASURED WITH MRC(MEDICAL RESEARCH COUNCIL) SCORE WITH DIAHRAGMATIC EXCURSION(DE) MEASURED USING ULTRASOUND : A PROSPECTIVE OBSERVATIONAL STUDY

PAPER 49: PORPHYRINIZED CARBON QUANTUM DOTS WITH BROAD-SPECTRUM ANTIBACTERIAL ACTIVITY TREAT WOUNDS INFECTED BY DRUG-RESISTANT BACTERIA

PAPER 50: OPTIMIZING ECMO RESCUE IN TRAUMA BY ESTABLISHING A PHENOTYPIC APPROACH TO PATIENT SELECTION

PAPER 51: SELENIUM SUPPLEMENTATION IN CRITICAL ILL PATIENTS WITH ACUTE ABDOMEN— A PROSPECTIVE RANDOMIZED AND PLACEBO-CONTROLLED TRIAL

PAPER 52: RISK FACTORS FOR POST TRAUMATIC EPILEPSY IN PATIENTS WITH NON OPERATIVE TREATMENT : A RETROSPECTIVE OBSERVATIONAL STUDY

PAPER 53: A RANDOMISED CONTROLLED DOUBLE-BLINDED STUDY TO COMPARE KETAMINE-DEXMEDETOMIDINE VERSUS KETAMINE-PROPOFOL COMBINATIONS FOR OPIOID FREE ANESTHESIA IN PATIENTS UNDERGOING BRACHIAL PLEXUS INJURY REPAIR

3:45 PM - 5:15 PM

ORAL PAPERS IIB: THORACIC TRAUMA PAPERS 54 - 62

Moderator: Joseph Forrester, MD, MSc

PAPER 54: IS A DELAY IN SURGICAL STABILISATION OF TRAUMATIC RIB FRACTURES ASSOCIATED WITH INCREASED OPERATIVE TIMES AND WORSE OUTCOMES?

PAPER 55: RESUSCITATIVE MEDIAN STERNOTOMY PLUS ENDOVASCULAR AORTIC OCCLUSION FOR PENETRATING INJURIES IN THE BOX: AN ACE UP THE SLEEVE

PAPER 56: HEART INJURY AS A PROGNOSTIC FACTOR IN BLUNT CHEST TRAUMA PATIENTS UNDERGOING OPEN CARDIOPULMONARY RESUSCITATION (OCPR): A TQIP STUDY

PAPER 57: PNEUMOTHORAX DETECTION IN THE ED: HOCUS POCUS?

PAPER 58: BEYOND MEDIASTINAL WIDENING: INNOVATIVE SCREENING AND PREDICTION METHODS FOR AORTIC INJURY

PAPER 59: EVOLUTION OF VIDEOTHORACOSCOPY IN THORACIC TRAUMA

PAPER 60: THORACIC IRRIGATION FOR TRAUMATIC HEMOTHORAX: A SYSTEMATIC REVIEW AND META-ANALYSIS

PAPER 61: MASSIVE HEMOTHORAX ASSOCIATED WITH THORACIC VERTEBRAL FRACTURES: A RETROSPECTIVE ANALYSIS

PAPER 62: IMPACT OF THORACIC TRAUMA ON MORBIDITY AND OUTCOME: SIX YEARS' EXPERIENCE FROM TERTIARY CARE LEVEL 1 TRAUMA CENTRE IN INDIA

3:55 PM - 5:35 PM

ORAL PAPERS IIC: TRAUMA SYSTEMS PAPERS 63 - 72

Moderator: Vanessa Ho, MD, PhD, MPH

PAPER 63: PREVENTABLE AND POTENTIALLY PREVENTABLE DEATHS AMONG ROAD TRAFFIC FATALITIES IN CHIBA PREFECTURE: PROBLEMS IN THE JAPANESE HOSPITAL CARE SYSTEM REVEALED BY INVESTIGATION OVER A 12-YEAR PERIOD

PAPER 64: OUTCOME OF SEVERE TRAUMA PATIENTS REQUIRED DAMAGE CONTROL SURGERY BY THE DIFFERENCE BETWEEN 'DOCTOR-CAR' AND AMBULANCE FROM JAPAN TRAUMA DATA BANK

PAPER 65: INSIGHTS INTO MILITARY-CIVILIAN TRAUMA SYSTEM INTEGRATION AND ITS EFFECTS ON BLOOD PRODUCT AVAILABILITY

PAPER 66: PRESENCE OF GERIATRIC CONSULT SERVICE IS ASSOCIATED WITH DECREASED HOSPITAL-LEVEL MORTALITY FOR GERIATRIC TRAUMA PATIENTS

PAPER 67: THE CORRELATION OF TRANSFER PATTERNS AND MORTALITY RATES AFTER ESTABLISHING A TRAUMA CENTER

PAPER 68: VARIABILITY IN CT IMAGING PRACTICES IN GERIATRIC TRAUMA: A SECONDARY ANALYSIS OF AN EAST MULTICENTER TRIAL

PAPER 69: DEVELOPING A GEOSPATIALLY INFORMED TRAUMA TRIAGE SYSTEM FOR IMPROVED PRE-HOSPITAL MANAGEMENT OF TRAUMA IN LOW- AND MIDDLE-INCOME COUNTRIES: A USER-CENTERED APPROACH

- PAPER 70: VALIDATION OF A REAL-TIME LOCATION SERVICE (RTLS) PRE-HOSPITAL TIME TO ARRIVAL TOOL IN THE SOUTHEAST MINNESOTA REGION USING AN ADVANCED GEOSPATIAL MAPPING MODEL FOR TRAUMA
- PAPER 71: IDENTIFYING GAPS IN TRAUMA NURSING CARE IN UKRAINE
- PAPER 72: THE IMPACT OF IMPLEMENTING THE JAPAN-AACN (D-CALL NET: DCN) DOCTOR DISPATCH SYSTEM
- 3:55 PM - 4:55 PM **ORAL PAPERS IID: TRAUMA EDUCATION PAPER 73 - 78**
Moderator: Atsushi Nanashima, MD
- PAPER 73: HUMANITY & TRAUMA ABOVE ALL - BUILDING BRIDGES THROUGH ADVANCED TRAUMA LIFE SUPPORT (ATLS) COURSES FOR PALESTINIAN & ISRAELI PHYSICIANS
- PAPER 74: MAINTAINING SURGICAL SKILLS IN AN ERA OF DECLINING TRAUMA SURGERY CASES: INSIGHTS FROM 12 YEARS OF TRAUMA SURGERY EXPERIENCE IN A SURGICAL RESIDENCY PROGRAM FACILITY
- PAPER 75: A PRIMARY STUDY OF A SURGICAL TRAUMA COURSE ON ANIMAL MODELS IN MAINLAND CHINA
- PAPER 76: APPLICABILITY OF A LOW-FIDELITY SIMULATOR TO LEARN EMERGENCY SURGICAL AIRWAY SKILLS IN MIDDLE-AND LOW-INCOME ENVIRONMENTS.
- PAPER 77: THE POWER OF MENTORSHIP: HOW TO RECRUIT AND RETAIN VALUABLE STAFF TO YOUR TRAUMA TEAM
- PAPER 78: SURGICAL RESIDENCY TRAINING INNOVATIVE CURRICULUM IN TRAUMA
- 8:00 AM - 12:20 PM Society of Trauma Nurses Morning Session
- 8:00 AM - 8:05 AM Welcome/Opening
- 8:05 AM - 10:05 AM **STN SESSION I: INNOVATIONS IN TRAUMA NURSING**
Moderator: LeAnne Young, RN
- PRE-HOSPITAL WHOLE BLOOD
- UTILIZATION OF NURSES IN PRE-HOSPITAL CARE
- IMPACT OF BEDSIDE LAPAROTOMY SIMULATION FOR ICU NURSES
- 9:25 AM - 9:35 AM **PANEL Q&A**
Moderator: LeAnne Young, RN
- 9:35 AM - 10:05 AM Successful Transition to Rehab after SCI
- 10:05 AM - 10:15 AM BREAK
- 10:15 AM - 12:20 PM **STN SESSION II: GLOBAL TRAUMA SYSTEMS**
Moderator: APRN
- GLOBAL TRAUMA QUALITY IMPROVEMENT (GTQI) UPDATE
- GLOBAL TRAUMA COLLABORATION
- RURAL TRAUMA CARE IN THE US - 15 MIN
- THE ROLE OF TRAUMA NURSES IN TRAUMA SYSTEMS DEVELOPMENT IN BRAZIL
- LESSONS FROM THE INTERNATIONAL ATCN SISATER SITES PROGRAM
- 12:05PM - 12:15 PM **PANEL Q&A**
Moderator: APRN
- 12:15 PM - 1:00 PM LUNCH ON YOUR OWN
- 1:00 PM - 5:05 PM **SOCIETY OF TRAUMA NURSES AFTERNOON SESSION**
- 1:00 PM - 3:00 PM **STN SESSION III: TRAUMA PROGRAM CHALLENGES**
Moderator: Linda Reinhart, RN
- CYBER-ATTACKS: HOW TO PREPARE YOUR PROGRAM
- ETHICS IN TRAUMA CARE
- UTILIZATION OF AI IN TRAUMA

- 2:20 PM - 2:30 PM **PANEL Q&A**
Moderator: Elizabeth Atkins, RN
- 2:30 PM - 3:00 PM COST OF TRAUMA/FINANCE PERFORMANCE IMPROVEMENT
- 3:00 PM - 3:10 PM BREAK
- 3:10 PM - 3:30 PM **STN SESSION IV: KEYNOTE DISPARITIES IN TRAUMA CARE - A GLOBAL PERSPECTIVE**
Presenter: LeAnne Young, RN
- 3:30 PM - 5:05 PM **STN SESSION V: 11. INTERESTING TRAUMA CASES**
Moderator: Elizabeth Atkins, RN
PEDIATRIC PATIENT - HAND REPLANTATION
ADULT PATIENT - MCC TRAUMATIC ARREST
PEDIATRIC PATIENT - ABUSIVE HEAD TRAUMA
ADULT PATIENT --TBD
- 4:55 PM - 5:00 PM **PANEL Q&A**
Moderator: Elizabeth Atkins, RN
- 5:00 PM - 5:05 PM **CLOSING REMARKS**
Presenter: LeAnne Young, RN
- 3:00 PM - 5:00 PM **WORLD TRAUMA CONGRESS POSTER SESSION: STATION I**
Moderator: Paul Albin, MD
POSTER 1: VIRAL SEPSIS IN CRITICALLY ILL PATIENTS REQUIRING ICU CARE, AN OBSERVATIONAL STUDY FROM A TERTIARY CARE HOSPITAL.
POSTER 2: AGGRESSIVE OXYGEN DELIVERY STRATEGIES DURING RESUSCITATION OF HEMORRHAGIC SHOCK AFFECTS KIDNEY MITOCHONDRIAL FUNCTION
POSTER 3: UNVEILING THE HIDDEN WOUNDS: A CASE REPORT OF MOREL-LAVALLEE LESION
POSTER 4: FORCE OF PELVIC BINDERS - A COMPARISON OF MECHANICAL PERFORMANCE OF VARIOUS PRODUCTS
POSTER 5: SHORT-TERM TREATMENT OUTCOMES OF OPEN TIBIAL FRACTURES IN A TRAUMA CENTER
POSTER 6: INTRAOPERATIVE USG IMAGING FOR CHEEKBONE (ZYGOMATIC) FRACTURE REPAIR: A RETROSPECTIVE STUDY
POSTER 7: MYOCARDIAL INJURY AND CALCIUM HOMEOSTASIS REGULATION IN ANIMAL MODEL OF HEMORRHAGIC SHOCK INDUCED ARRHYTHMIA
POSTER 8: PEDIATRIC PATIENTS WITH OPEN PELVIC FRACTURE TREATED IN THE HYBRID EMERGENCY ROOM SYSTEM (HERS) BY A MULTIDISCIPLINARY TEAM: TWO CASE REPORTS.
- 3:00 PM - 5:00 PM **WORLD TRAUMA CONGRESS POSTER SESSION: STATION II**
Moderator: Patricia Martinez Quinones, MD, PhD
POSTER 9: HEMOSTATIC SPONGE BASED ON EASILY PREPARED CROSS-LINKED GELATIN AND SODIUM ALGINATE FOR WOUND HEALING
POSTER 10: GUNSHOT AND BLAST INJURIES AND BLEEDING CONTROL TRAINING FOR MEDICAL STUDENTS AT A REGIONAL UNIVERSITY IN JAPAN
POSTER 11: A CASE OF RECTUS SHEATH HEMATOMA
POSTER 12: THE VAPE GRENADE: A CASE OF MAXILLOFACIAL INJURIES WITH C1-C2 FRACTURE SECONDARY TO ELECTRONIC CIGARETTE BLAST INJURY
POSTER 13: MODIFIED MESH-MEDIATED FASCIAL TRACTION, IN CONJUNCTION WITH ORTHOPEDIC ALUMINUM SPLINTS
POSTER 14: A CASE OF LIGATION OF THE COMMON CAROTID ARTERY AFTER PENETRATING TRAUMA WHO SURVIVED WITHOUT NEUROLOGICAL DEFICIT
- 3:00 PM - 5:00 PM **WORLD TRAUMA CONGRESS POSTER SESSION: STATION III**
Moderator: Alexandra Brito, MD

POSTER 15: A CASE OF EARLY SURGICAL ESCHAROTOMY USING INTRA-VASCULAR TEMPERATURE MANAGEMENT IS USEFUL FOR MAJOR DEEP BURN PATIENT

POSTER 16: THE EFFECT OF VACUUM-ASSISTED CLOSURE AFTER ABDOMINAL SURGERY FOR A PATIENT WITH A VENTRICULOPERITONEAL SHUNT

POSTER 17: A CASE REPORT OF MANUAL COMPRESSION HEMOSTASIS FOR BRACHIAL ARTERY TRANSECTION WHILE BEING TRANSPORTED FROM AN ISOLATED JAPANESE ISLAND

POSTER 18: MULTIORGAN DYSFUNCTION FOLLOWING DELAYED TRAUMATIC HEPATIC PSEUDOANEURYSM AND BILOMA: A CASE REPORT

POSTER 19: HOMEMADE DYNAMIC FASCIAL CLOSURE

POSTER 20: AGRICULTURAL FARM-RELATED HEAD INJURIES IN RURAL INDIA: A COMPREHENSIVE CASE SERIES

POSTER 21: PANCREATICOGASTROSTOMY AS RECONSTRUCTION FOR COMPLETE NECK TRANSECTION OF THE PANCREAS

FRIDAY, SEPTEMBER 13, 2024

7:30 AM - 9:15 AM **SCIENTIFIC SESSION IXA: DAMAGE CONTROL SURGERY IN TRAUMA**

Moderator: Michael Rotondo, MD

ABDOMEN: WHEN AND HOW

THORACIC: WHEN AND HOW

VASCULAR: WHEN AND HOW

ORTHOPEDICS: WHEN AND HOW

DC IN POLYTRAUMA: HAS IT IMPROVED OUTCOMES?

COMPLICATIONS OF OPEN ABDOMEN: WHAT THEY ARE AND HOW TO PREVENT THEM?

9:00 AM - 9:15 AM Discussion - 15 min

9:15 AM - 9:20 AM Break

7:30 AM - 9:15 AM **SCIENTIFIC SESSION IXB: TRAUMA QUALITY ASSURANCE AND PERFORMANCE IMPROVEMENT**

Moderator: Ajai Malhotra, MD

TRAUMA QA AND PI: CONCEPTS AND IMPLEMENTATION

TRAUMA QUALITY FRAMEWORK FOR RESOURCE CHALLENGED ENVIRONMENTS

MISSED INJURIES: STILL A NEMESIS FOR THE TRAUMA SURGEON

TRAUMA REGISTRY AND TRAUMA QI IN ASIA: OPPORTUNITIES FOR IMPROVEMENT AND COLLABORATION.

TRAUMA QI IN LATIN AMERICA: ANY PROGRESS?

OPTIMIZING QUALITY IN RESOURCE CONSTRAINED AREAS

9:00 AM - 9:15 AM Discussion - 15 min

9:15 AM - 9:20 AM Break

9:20 AM - 10:50 AM **SCIENTIFIC SESSION XA: POLYTRAUMA CARE**

Moderator: David Livingston, MD

DEFINING POLYTRAUMA: CAN A UNIFORM DEFINITION BE ACHIEVED?

TIMING OF FRACTURE FIXATION IN POLYTRAUMA PATIENTS

CONTEMPORARY MANAGEMENT OF EXTREMITY OPEN FRACTURES

PRIMARY AMPUTATION IN MANGLED EXTREMITY IN POLYTRAUMA PATIENTS: WHEN AND HOW?

MULTIPLE PENETRATING INJURIES: WHICH CAVITY TO OPEN FIRST

10:35 AM - 10:50 AM Discussion - 15 min

10:50 AM - 10:55 AM Break

- 9:20 AM - 9:25 AM **SCIENTIFIC SESSION XB: RESEARCH AND COLLABORATION IN GLOBAL TRAUMA**
Moderator: Catherine Juillard, MD, MPH
- 9:25 AM - 9:50 AM **KEYNOTE: IMPORTANCE OF EQUITABLE PARTNERSHIP IN THE DEVELOPMENT OF TRAUMA PROGRAMS AND RESEARCH CAPACITY**
Keynote Speaker: Alain Chichom, MD
- 9:50 AM - 10:05 AM **PANEL: BEST PRACTICES IN RESEARCH AND PUBLICATION OF WORK CONDUCTED IN LMICS**
Moderator: Catherine Juillard, MD, MPH
- 10:05 AM - 10:20 AM The ACT Perspective
- 10:20 AM - 10:35 AM The PTS Perspective
- 10:35 AM - 10:50 AM The ISTAC Perspective
- 10:50 AM - 11:05 PM The TSSA Perspective
- 11:05 PM - 11:20 PM Guidelines for Fair and Equitable Publications of Work Conducted in LMICs in Collaboration with HICs
- 11:20 AM - 11:25 AM BREAK
- 10:55 AM - 12:25 PM **SCIENTIFIC SESSION XIA: MANAGEMENT OF SEVERE PELVIC TRAUMA**
Moderator: Todd Costantini, MD
UPDATES IN THE MANAGEMENT OF SEVERE PELVIC INJURIES
TEMPORARY BONE STABILIZATION TO HELP BLEEDING CONTROL: TRICKS AND TECHNIQUES
FIRST MOVE IN UNSTABLE PATIENTS WITH SEVERE PELVIC FRACTURES: PACK OR SQUIRT?
REBOA FOR PELVIC FRACTURE HEMORRHAGE CONTROL
SEVERE PELVIC INJURIES IN LOW-RESOURCE ENVIRONMENTS. HOW TO STOP THE BLEEDING AND STABILIZE THE BONE?
- 12:10 PM - 12:25 PM Discussion - 15 min
- 12:25 PM - 1:30 PM LUNCH WITH EXHIBITORS
- 11:25 AM - 12:40 PM **SCIENTIFIC SESSION XIB: TRAUMA GUIDELINES**
Moderator: Ranson Liao, MD
GUIDELINES IN TRAUMA - ANYTHING NEW
THE PARADOX OF GUIDELINES: WHAT IS IDEAL IN ONE REGION MAY BE INAPPROPRIATE OR IMPOSSIBLE IN ANOTHER REGION
WRITING GENERALIZABLE GUIDELINES THAT ARE INCLUSIVE OF ALL RESOURCE AREAS
TOP 5 EAST PRACTICE MANAGEMENT GUIDELINES THAT SHOULD CHANGE YOUR PRACTICE
- 12:25 PM - 12:40 PM Discussion - 15 min
- 12:40 PM - 1:30 PM LUNCH WITH EXHIBITORS
- 1:30 PM - 1:35 PM **SCIENTIFIC SESSION XIIB: PEDIATRIC KEYNOTE**
Moderator: Chris Newton, MD
- 1:35 PM - 2:00 PM **PEDIATRIC SURGICAL EMERGENCY EDUCATION AND TRAUMA SYSTEMS DEVELOPMENT**
Keynote Speaker: Phyllis Kisa, MBChB, MMED
- 2:00 PM - 3:30 PM **PEDIATRIC TRAUMA TOPICS**
Moderator: Michael Nance, MD
NON-ACCIDENTAL PEDIATRIC TRAUMA: THE HIDDEN DISEASE
TRANSFUSION PRACTICES IN PEDIATRIC TRAUMA RESUSCITATIONS
THE BURDEN OF PEDIATRIC FIREARM INJURIES IN THE USA AND GLOBALLY

	C-SPINE CLEARANCE IN PEDIATRIC TRAUMA PATIENTS: CONTROVERSIES AND ANSWERS ETHICAL DILEMMAS IN PEDIATRIC TRAUMA CARE
3:15 PM - 3:30 PM	Discussion - 15 min
3:30 PM - 3:35 PM	BREAK
1:30 PM - 2:45 PM	SCIENTIFIC SESSION XIIB: DISASTER AND MASS CASUALTY PREPARATION - II <i>Moderator: Jay Doucet, MD, MSc</i> CHALLENGES OF DISASTER RESPONSE IN AREAS OF CONFLICT BUILDING A REPOSITORY OF RESOURCES FOR CONFLICT VULNERABLE REGIONS EDUCATION OF TRAUMA SURGEONS IN DISASTER TRAINING: WHAT DO THEY NEED TO KNOW? HEALTH CARE ORGANIZATION IN RESPONSE TO ACTS OF TERRORISM AND HUMAN CONFLICTS.
2:30 PM - 2:45 PM	Discussion - 15 min
2:45 PM - 2:50 PM	BREAK
3:35 PM - 5:05 PM	SCIENTIFIC SESSION XIII A: CRITICAL PROBLEMS IN ABDOMINAL TRAUMA <i>Moderator: Andrew Peitzman, MD</i> NON-OPERATIVE MANAGEMENT OF PENETRATING ABDOMINAL TRAUMA USE OF LAPAROSCOPY IN ABDOMINAL TRAUMA SURGICAL MANAGEMENT OF COMPLEX LIVER TRAUMA: RIGHT TECHNIQUE FOR THE RIGHT PATIENT STABLE HIGH-GRADE SPLENIC INJURY WITH A BLUSH: EMBOLIZE OR OBSERVE GRADE IV PANCREATIC INJURIES: DRAINAGE OR RESECTION?
4:50 PM - 5:05 PM	Discussion - 15 min
5:05 PM - 5:10 PM	BREAK
2:50 PM - 4:50 PM	SCIENTIFIC SESSION XIII B: GLOBAL TRAUMA - QUICK SHOTS GLOBAL PERSPECTIVES ON TRAUMA CARE: LESSONS LEARNED FROM AROUND THE WORLD HOW TO CREATE A CAREER IN GLOBAL SURGERY TRAUMA IN REMOTE LOCATIONS: HOW TO IMPROVE EDUCATION, SURGICAL CARE, RESEARCH, AND EXPERTISE EXCHANGE EFFECTIVE STRATEGIES FOR TREATING UNUSUAL TRAUMA WITH LIMITED RESOURCES DIVERSITY, EQUITY, AND INCLUSION IN TRAUMA IN THE WORLD DEVELOPING THE PHILIPPINE NATIONAL TRAUMA SYSTEM AI IN TRAUMA CARE: NOW AND THE FUTURE DEVELOPING AN INDEX TO ASSESS SECURITY RISKS IN TRAUMA DATA
5:10 PM 6:40 PM	SCIENTIFIC SESSION XIVA: TBI AND NECK TRAUMA <i>Moderator: Ranson Liao, MD</i> MANAGEMENT OF TRAUMATIC BRAIN INJURY - HAVE WE MADE ANY PROGRESS IN THE LAST 20 YEARS? TBI EPIDEMIOLOGY AND MANAGEMENT IN LMIC BCVI SCREENING PROTOCOL: HOW WE DO IN AUSTRALIA AND NEW ZEALAND MANAGEMENT OF BCVI: HOW WE DO IN THE US APPROACH TO PENETRATING NECK TRAUMA
6:25 PM - 6:40 PM	Discussion - 15 min

1:00 PM - 2:30 PM **ORAL PAPERS IIIA: NEUROLOGIC TRAUMA PAPERS 79 - 85**

PAPER 79: IMPACT OF EARLY MICROPARTICLE RELEASE DURING ISOLATED SEVERE TRAUMATIC BRAIN INJURY: CORRELATION WITH COAGULOPATHY AND MORTALITY

PAPER 80: COGNITIVE IMPAIRMENT AND PLATELET DYNAMICS IN MILD TRAUMATIC BRAIN INJURY: INSIGHTS FROM A NORTH INDIAN COHORT

PAPER 81: MODERATE TO SEVERE TRAUMATIC BRAIN INJURY OUTCOMES - A TWENTY YEAR LONGITUDINAL COHORT ANALYSIS

PAPER 82: RETROSPECTIVE VALIDATION OF THE BRAIN INJURY GUIDELINES: MANAGEMENT OF TRAUMATIC BRAIN INJURY AT A SINGLE COMMUNITY TRAUMA ONE HOSPITAL

PAPER 83: EPIDEMIOLOGY OF TRAUMATIC ATLANTOOCIPITAL DISLOCATION: NATIONAL REGISTRY STUDY

PAPER 84: DIFFERENTIAL IMPACT OF RACE ON TRAUMATIC INTRACEREBRAL HEMORRHAGE INCIDENCE AND OUTCOMES

PAPER 85: ASSESSING THE IMPACT OF THORACIC ENDOVASCULAR AORTIC REPAIR ON DELAYED NEUROLOGICAL DETERIORATION IN PATIENTS WITH BLUNT AORTIC INJURY AND TRAUMATIC BRAIN INJURY: A TQIP STUDY

2:30 PM - 2:40 PM BREAK

1:00 PM - 2:40 PM **ORAL PAPERS IIIB: ABDOMINAL TRAUMA II PAPERS 86 - 95**

Moderator: Amanda Teichman, MD

PAPER 86: BULL HORN INJURY- EMERGING PROBLEM OF URBAN INDIA: A CASE SERIES ANALYSIS FROM A LEVEL 1 TRAUMA CENTRE

PAPER 87: THE SIGNIFICANCE OF EARLY ARTERIAL-PHASIC IN MULTIDECTOR CT FOR BLUNT SPLEEN INJURED PATIENTS: A CLINICAL OUTCOMES-ORIENTED STUDY

PAPER 88: CONCEALED PERIL: INFLUENCE OF SOLID ORGAN TRAUMA ON MESENTERIC INJURY DETECTION AND THE ROLE OF HEMODYNAMICS

PAPER 89: PROGNOSTIC FACTORS IN THE MANAGEMENT OF BLUNT ABDOMINAL TRAUMA. OUR EXPERIENCE IN A TERTIARY TRAUMA CENTER.

PAPER 90: A RETROSPECTIVE ANALYSIS OF PENETRATING STAB ABDOMINAL INJURY AND MANAGEMENT: A SINGLE INSTITUTIONAL EXPERIENCE

PAPER 91: UNDERSTANDING HOSPITAL LENGTH OF STAY IN TRAUMA LAPAROTOMY PATIENTS: A NATIONAL TRAUMA DATABASE STUDY.

PAPER 92: THE UTILITY OF SEQUENTIAL HEPATECTOMY FOR HIGH-GRADE LIVER TRAUMA: A CASE SERIES

PAPER 93: DEVELOPING VIRTUAL REALITY EDUCATION OF INTRAABDOMINAL HEMORRHAGIC DAMAGE CONTROL SURGERY FOR YOUNG SURGEONS AND MEDICAL STUDENTS

PAPER 94: LIVER INJURY WITH BLEEDING FROM EXTRAHEPATIC COLLATERAL VESSELS ONLY: CASE SERIES.

PAPER 95: ANGIOEMBOLIZATION IN THE MANAGEMENT OF ABDOMINOPELVIC INJURIES: A 2-YEAR CASE SERIES AND EARLY EXPERIENCE FROM A MAJOR TRAUMA CENTER IN THE PHILIPPINES

2:40 PM - 2:50 PM BREAK

2:40 PM - 3:50 PM **ORAL PAPERS IVA: SYSTEMS/PEDIATRICS/BURNS PAPERS 96 - 101**

Moderator: Laura Haines, MD

PAPER 96: IN THE MIDST OF CHAOS: NAVIGATING PAEDIATRIC BURN AND CHEMICAL INJURY CARE IN ARMED CONFLICT ZONES

PAPER 97: URGENCY TO BUILD PREHOSPITAL SYSTEMS IN INDIA TO IMPROVE MORTALITY

PAPER 98: ENHANCING CIVIL-MILITARY SYNERGY IN SURGICAL CARE: STRENGTHENING LOCAL HEALTH SYSTEMS FOR ROBUST HUMANITARIAN RESPONSE IN ARMED CONFLICT AND DISASTER SETTINGS

PAPER 99: CONFRONTING THE CRISIS: ADVANCING BURN INJURY TREATMENT IN AUSTERE ENVIRONMENTS AMIDST GLOBAL CHALLENGES:

PAPER 100: AUTOLOGOUS CELL HARVESTING DEVICE AND COPOLYMER-BASED EPIDERMAL SKIN SUBSTITUTES FOR THE MANAGEMENT OF PARTIAL-THICKNESS FACIAL BURNS

PAPER 101: DISPARITIES IN EMERGENCY NEUROSURGICAL ACCESS FOR TRAUMATIC BRAIN INJURY CARE IN THAILAND: A GEOSPATIAL PERSPECTIVE

3:40 PM - 3:50 PM

BREAK

2:50 PM - 4:30 PM

ORAL PAPERS IVB: TRAUMA PREVENTION PAPERS 102 - 111

Moderator: Thomas Duncan, DO

PAPER 102: APPLYING THE FIVE PILLAR APPROACH TO REDUCE MOTOR-CYCLE DELIVERY DRIVER [MDD] INJURIES: THE QATAR EXPERIENCE

PAPER 103: ACCESSIBILITY AND READABILITY OF ONLINE PATIENT EDUCATION MATERIALS ON FIREARM SAFETY: A CROSS SECTIONAL ANALYSIS OF HOSPITAL AND NATIONAL INJURY PREVENTION LITERATURE

PAPER 104: CHARACTERIZING AND COMPARING BICYCLE INJURY TRENDS: STANDARD, MOUNTAIN, AND ELECTRIC BIKES IN THE UNITED STATES (2013-2022)

PAPER 105: LOCALIZING GLOBAL ROAD SAFETY FRAMEWORKS: EFFICACY OF THE ZERO FATALITY CORRIDOR MODEL IN REDUCING ROAD CRASH MORTALITY IN INDIA

PAPER 106: PEDESTRIAN SAFETY IN QATAR AFTER A DECADE OF ACTION FOR ROAD SAFETY: ANALYZING NATIONAL STATISTICS AND NATIONAL TRAUMA REGISTRY DATA

PAPER 107: IMPACT OF THE COVID-19 STAY AT HOME ORDER AND HOUSEHOLD INCOME ON PENETRATING TRAUMATIC INJURY RATES.

PAPER 108: CHARACTERISTICS OF TRAIN-RELATED INJURIES IN JAPAN: ASSOCIATIONS WITH SUICIDE

PAPER 109: CHANGING PATTERNS OF TRAUMA ADMISSIONS FOLLOWING SELF-HARM AND SUICIDE ATTEMPTS: A FIVE-YEAR ANALYSIS IN A KOREAN REGIONAL TRAUMA CENTER

PAPER 110: COULD SEVERE SANCTIONS PREVENT DRUNK-DRIVING INJURIES? A RETROSPECTIVE NATION-WIDE COHORT STUDY FROM THE NATIONAL HEALTH INSURANCE RESEARCH DATABASE.

PAPER 111: BIBLIOMETRIC AND VISUAL ANALYSIS OF SEVERE TRAUMA LITERATURE IN THE PAST 20 YEARS

3:50 PM - 5:00 PM

ORAL PAPERS V: QUALITY IMPROVEMENT PAPERS 112 - 121

Moderator: Marcelo Ribeiro, PhD

GETTING WITH THE GUIDELINES: GERIATRIC TRAUMA ACTIVATION

AN 11-YEAR RETROSPECTIVE STUDY OF PREVENTABLE DEATH IN A WESTERN-STYLE TRAUMA CENTER IN SHENZHEN CHINA

COST-EFFECTIVENESS OF WHOLE-BODY COMPUTED TOMOGRAPHY (PAN-SCAN) FOR DIAGNOSTIC OF MULTIPLE TRAUMA PATIENTS IN PHRAPOKKLAO CHANTHABURI HOSPITAL

DISLODGEMENT RATE OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY (PEG) TUBES IN TRAUMA PATIENTS AT A LEVEL 1 TRAUMA CENTER

EFFECTS OF CONSECUTIVE OVERNIGHT ON-CALL SHIFTS ON TRAUMA SURGEONS' WELL-BEING: A PSYCHOLOGICAL AND PHYSIOLOGICAL ANALYSIS

DOES THE AVAILABILITY OF NON-CROSS MATCHED BLOOD IN THE TRAUMA BAY EFFECT THE CARE OF TRAUMA PATIENTS? A RETROSPECTIVE STUDY FROM A LEVEL-II TRAUMA CENTER

QUALITY IMPROVEMENT IN TRAUMA TRANSFERS FROM AN EMERGENCY DEPARTMENT WITHOUT LEVEL-ONE TRAUMA CAPABILITIES

AUTOMATIC DETECTION OF MULTIPLE CRANIOCEREBRAL TRAUMA BASED ON DENOISING DIFFUSION PROBABILISTIC MODEL

ASSESSMENT OF TRAUMA QUALITY IMPROVEMENT ACTIVITIES IN ASIAN COUNTRIES.

6:40 PM

MEETING ADJOURNED FROM SKYVIEW V & VI 26TH FLOOR

JOIN US FOR THE INAUGURAL ANNUAL DIVERSITY, EQUITY, AND INCLUSION NETWORKING BREAKFAST HOSTED BY THE AAST DEI COMMITTEE!

Calling all surgical trainees and faculty members! Are you looking to connect with members of the acute care surgery community who are interested in championing diversity, equity, and inclusion in the field including our very own AAST leadership?

Look no further! You're invited to an exclusive networking breakfast hosted by esteemed AAST members and faculty passionate about fostering a diverse and inclusive surgical community.

PROMOTING DIVERSITY, EQUITY, AND INTERSECTIONALITY IN ACUTE CARE SURGERY

WHAT TO EXPECT:

- Small, round table, moderated discussions with trainees as well as surgeons at all stages of their careers
- Guidance on DEI research in acute care surgery.
- Valuable mentorship and conversation with senior members of the field.
- Personal and professional development advice from AAST members and leaders.
- Breakfast provided in a welcoming and inclusive environment.

DISCUSSION TOPICS INCLUDE:

- Mentorship
- Health Disparities and Health Equity Research
- Health Services and Outcomes Research
- Career Development/Professional Development



DATE: Thursday, September 12, 2024

TIME: 6:15 AM - 7:15 AM

LOCATION: Paris Hotel, Vendome A

Don't miss out on this invaluable opportunity to connect, learn, and grow in a supportive community dedicated to advancing diversity, equity, and inclusion in surgery.

RSVP now to secure your spot!

CONTACT KAITLYN SANDERS AT KSANDERS@AAST.ORG FOR MORE INFORMATION

Together, let's build a more inclusive future for acute care surgery. See you at the breakfast!

LAS VEGAS · PARIS  **AAST**
THE DESTINATION FOR THE TOP SURGICAL SCIENCE



ABOUT

The American Association for the Surgery of Trauma (AAST), Eastern Association for the Surgery of Trauma (EAST), and Surgical Critical Care Program Directors Society (SCCPDS) will be hosting a virtual job fair on November 7, 2024.

VIRTUAL JOB FAIR

JOB SEEKERS

Participation in the job fair will be free of charge. Residents, fellows in training, and junior faculty (within 5 years of completing residency or fellowship) are welcome to join. This event offers a chance to interact with employers and leaders from esteemed institutions and universities, as well as to network with colleagues.

HIRING INSTITUTIONS

This platform offers employers the opportunity to expand their search for qualified candidates to fill multiple vacant positions by participating in this two-day event. Following the event, you will receive a comprehensive list of attendees who visited the fair, along with their contact information and CV. In addition, your job postings will be hosted in the career sections on the websites of all three associations!

07 NOVEMBER
2024

SCAN TO LEARN MORE:
AAST.ORG/VIRTUAL-JOB-FAIR



TRAVEL INFORMATION

PARIS LAS VEGAS HOTEL & CASINO

3655 Las Vegas Blvd. South
Las Vegas, NV 89109
Phone: 877-796-2096

GROUP RATE:

\$131 single/double per night, plus a \$29.00 per night resort fee, plus tax (currently 13%); resort fee includes access to the hotel's fitness center and guest room internet.

83RD ANNUAL MEETING OF AAST AND CLINICAL CONGRESS OF ACUTE CARE SURGERY

SEPTEMBER 11-14, 2024

BOOKING YOUR ROOM:

A block of rooms has been reserved at the Paris Las Vegas at the special group rate of \$131 single/double per night, plus daily resort fee and tax.

Reservations can be made by visiting <https://book.passkey.com/go/SPAST4> or calling 877-603-4389 and reference: American Association for the Surgery of Trauma (AAST) Annual Meeting.

Hotel check-in is 4:00 PM local time. Every effort will be made to accommodate guests arriving before the check-in time; however, rooms may not be immediately available. Checkout time is 11:00am local time.

**** PLEASE NOTE THAT A CREDIT CARD IS REQUIRED AT TIME OF BOOKING TO GUARANTEE THE RESERVATION. THE CREDIT CARD WILL BE IMMEDIATELY CHARGED ONE NIGHT'S ROOM CHARGE DEPOSIT. ****

RESERVATION DEADLINE:

The cut-off date to receive the special group rate is Wednesday, July 31, 2024. Reservations received after this date, or once the room block fills, will be based on space and rate availability.

CANCELLATION:

Reservation cancellations must be received at least 48 hours prior to the scheduled arrival date to avoid a cancellation fee of one night's room and tax.

ESTES / AAST



DEDICATED TO FURTHERING KNOWLEDGE ON
EMERGENCY GENERAL SURGERY

REGISTER TODAY FOR AN

EMERGENCY SURGERY COURSE

The ESC® (joint collaboration between ESTES and AAST) aims to **aid surgeons in non-trauma emergency surgery** by providing the know-how and the decision-making skills necessary for daily practice. The course consists of **theoretical sessions, case scenarios and state-of-the-art videos**. The course is especially designed in an interactive format from the beginning until the end.



**SCAN BELOW TO
LEARN MORE**



TRAVEL INFORMATION



GOVERNMENT RATED ROOMS

A limited number of Government rated rooms have been contracted at the Paris Las Vegas. To qualify for government per diem rates, guests must present a valid form of identification at check-in that consists of:

For U.S. Federal Government Per Diem Rates:

- Personnel badge or ID card issued to U.S. Federal Government civilian employees
- Official Government/Military Travel Orders/Proof of Official Duty Status (some hotels may require travel orders in addition to another form of ID)
- U.S. Military ID card issued to U.S. Military Personnel on Official Travel
- Common Access Card (CAC) issued to U.S. Federal Government civilian employees and U.S. Military Personnel on Official Travel (excludes CAC cards issued to contractors and retired military)
- U.S. Federal Government issued Visa, MasterCard or American Express Card (i.e. SmartPay Credit Card)
- Federally Funded Research and Development Center (FFRDC) identification card
- Native American Tribal Government ID card
- Canadian government or active-duty military issued ID or credit card

For State and Local Government Per Diem Rates:

- State or local government issued personnel badge or ID card
- Official Travel orders on original state or local government letterhead

If you can meet these requirements, reservations can be made at the following link: <https://book.passkey.com/go/SPAST4>

IF YOU CANNOT PROVIDE ONE OF THESE FORMS OF IDENTIFICATION, THE HOTEL WILL PROVIDE YOU WITH THE STANDARD GROUP RATE PER NIGHT (\$131 PLUS DAILY RESORT FEE PLUS APPLICABLE TAXES AND FEES) AT THE TIME OF CHECK-IN.

TRAVEL INFORMATION

**AIRPORT:**

The Paris Las Vegas Hotel and Casino is located approximately 2.5 miles (10 minutes) from Harry Reid International (LAS), (previously McCarran Airport); the hotel does not have a hotel shuttle for transport, however car services and taxis serve both the airport and the hotel.

HOTEL PARKING:

Self-parking (per day): 0-24 hours—Sunday through Saturday \$20; over 24 hours, \$20 each additional day
Valet Parking (per day): \$40 daily fee when charged to your room

DINING:

The Paris Las Vegas Hotel and Casino offers a variety of restaurants, including celebrity outlets such as The Bedford by Martha Stewart, Gordon Ramsay Steak and Vanderpump À Paris.

Visit <https://www.caesars.com/paris-las-vegas/restaurants> for the full list.

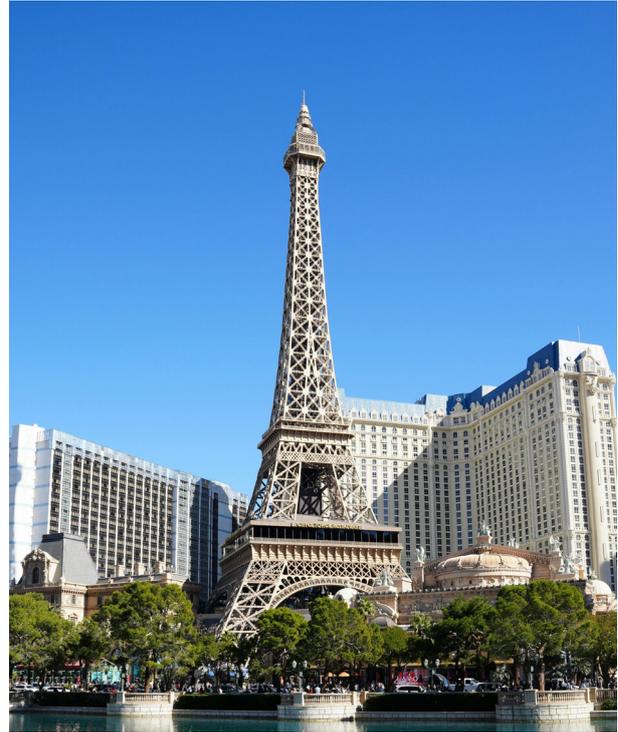
You'll also find a wide variety of restaurants located within walking distance of the hotel.

THINGS TO DO:

Paris Las Vegas Hotel and Casino offers much more than their casino; nightlife at the hotel includes Montecristo Cigar Bar, Le Cabaret Lounge, Caesars Sportsbook Bar & Lounge and Cherí Rooftop just to name a few! And in addition to the hotel's Eiffel Tower Gift Shop, enjoy browsing the shops found inside the hotel along "Le Boulevard."

Day trips to the Grand Canyon and Hoover Dam also await you, as well as Las Vegas Helicopter night flights!

TRAVEL INFORMATION

**AIR TRANSPORTATION:**

AAST has arranged special meeting discounts on United Airlines. These special discounts are available by booking with United directly, through a travel agent, or online.

United Airlines
800-426-1122
7:00 am–9:00 pm CST; Monday–Friday
7:00 am–5:00 pm CST; Saturday–Sunday
ACS Z Code: ZNSH
Agreement Code: 702296

Purchase your ticket online at [united.com](https://www.united.com) and receive a discount off the lowest applicable fares. When booking online, please enter ZNSH702296 to receive your discount. Area/Zone fares based on geographic location are also available with no Saturday night stay required.

GROUND TRANSPORTATION

Taxi and ride share (Lyft and Uber) are available from Harry Reid International Airport (LAS). Prices can vary based on surge times; depending on your travel time, cab fares generally average around \$25.

CAR RENTAL

Avis is designated as the official car rental company for the 2024 AAST Annual Meeting. Special meeting rates and discounts are available on a wide selection of GM and other fine cars. To receive these special rates, be sure to mention your Avis Worldwide Discount (AWD) number when you call. Rentals are available at Harry Reid International Airport or other locations as desired by attendees.

Avis Reservations
<https://www.avis.com/content/dam/avis/na/us/common/bridge/meetings/conventions.html?AWD=B169699&NAME=83rd+Annual+Meeting+of+AAST+and+Clinical+Congress+of+Acute+Care+Surgery&FDATE=09112024&TDATE=09142024&LOCATION2=&LOCATION1=Las+Vegas,+NV&ARCIATA=&EVENT=0&AA=0Surgery>
800-331-1600
AWD Number: B169699

For online reservations, visit [avis.com](https://www.avis.com), click on “Select My Car” then enter the AWD number in the “Discount Code” box.

REGISTRATION DATES AND TIMES*

Tuesday, September 10: 7:30 AM - 6:00 PM
 Wednesday, September 11: 6:30 AM - 6:00 PM
 Thursday, September 12: 7:00 AM - 2:00 PM
 Friday, September 13: 7:00 AM - 3:00 PM
 TIMES ARE SUBJECT TO CHANGE

Registration will be located at the Grand Ballroom Registration Desk, located on the Street Level.

SOLICITATION POLICY:

The AAST strictly prohibits the solicitation and distribution of products and equipment at the AAST Annual Meeting in educational sessions or in the main foyer near educational sessions from 7:00 am to 5:00 pm Wednesday - Friday and 8:00 am - 1:30 pm on Saturday. All company products and equipment business MUST be conducted in the exhibit hall area with official exhibitors to the AAST Annual Meeting. Non-exhibiting company personnel are prohibited from soliciting AAST attendees at any time during the meeting. Please report any unauthorized solicitation to AAST staff immediately.

REGISTRATION CANCELLATION POLICY:

Requests for refunds must be made in writing and received on or before Friday, August 30, 2024. There is a \$150 processing fee for all refunds and returned checks. Cancellations and registration postmarked after the deadline date will not be eligible for refunds. Please submit all written cancellation requests to Registration Services at registration@fac.org.

Conference attendee substitution is permitted and will be dealt with on a case-by-case basis.

AAST reserves the right to cancel any regularly scheduled session prior to the start of the meeting.

BADGE & COURSE/EVENT TICKET POLICY:

All AAST name badges and course/event tickets are non-transferable.

Badges must be worn at all times INCLUDING the Banquet. All attendees over the age of two (2) must have a badge to enter the Banquet.

Tickets MUST be presented for Wednesday pre-sessions, Thursday Lunch Sessions and Friday Breakfast Sessions AND the Friday Banquet. If you do not have a ticket, you will not be admitted.

COVID-19 POLICY:

AAST expects all attendees of the 2024 conference to self-monitor their day-to-day health and proceed accordingly. Should an attendee show signs of COVID-19/other ailments, it is the expectation that that attendee will not attend the conference.

**VIDEOTAPING AT AAST ANNUAL MEETING:**

In order to ensure all attendees are able to engage in full and candid discussions, video recording and/or broadcasting any portion of the American Association for the Surgery of Trauma (AAST) Annual Meeting is strictly prohibited. Recording devices (cameras, video recorders, sound recorders, etc.) and personal communication devices with recording capability (cell phones, tablets, and computers) may not be used during any session of the AAST Annual Meeting, provided that photographs of presentations may be taken for individual use and posted to social media with the prior permission of the presenter.