



American Association for the Surgery of Trauma and  
Clinical Congress of Acute Care Surgery

# 79TH ANNUAL MEETING

SEPTEMBER 8-18

# 2020

Virtual Meeting



# FROM THE PROGRAM CHAIR AND RECORDER

We are putting together the final touches on the program for the 79th Annual Meeting of the AAST and Clinical Congress of Acute Surgery that will be in a full virtual format from September 8-18, 2020. A few highlights:

- ESTES/AAST Emergency Surgery Course (ESC) - Lectures will be available on-demand throughout the duration of the annual meeting. A live Q&A and discussion of the cases will be held during the annual meeting. The ESC is an additional fee to the full meeting price
- Three “add-on” sessions (previously known as “pre-sessions” and are included in the registration fee)
- 66 Oral Papers starting Tuesday, September 8th
- 26 Quick Shop Presentations on Friday, September 18
- 140 Electronic Poster Presentations
- COVID-19 Breaking Developments Panel Session
- 12 Lunch Sessions (all lunch sessions are included in your registration)

The program itself will cover a broad range of Acute Care Surgery topics. Again this year, the Emergency Surgery Course, add-on sessions, oral sessions, posters, quick shot presentations, and lunch sessions will be highlighted. The platform will be interactive where you can still connect with your colleagues as you would in-person. We also have fun virtual events planned – stay tuned for the finalized program.



Patrick M. Reilly, MD,  
Program Chair & Recorder







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# FROM THE PRESIDENT

Dear AAST Members and Guests.

Welcome to the 2020 AAST Annual Meeting. Although this year will be unlike any other meeting we've held, Dr. Reilly, the Program Committee, and the AAST staff are fully committed to making this meeting the best experience possible. Through virtual options, AAST now has the opportunity to engage even more people in our annual meeting. Let's embrace this time to try something new and utilize technology available to us – whether that be networking virtually with your colleagues or focusing on the great content we have lined up - you'll still receive the same great AAST experience that you've had at previous meetings. As trauma surgeons, we adapt - this is what we do every day.



David A. Spain, M.D.  
2019-2020  
AAST President





## Best of... Contest

Attendees will have the opportunity to participate in the "Best of..." Contest. How To participate:

- Attendees must visit 5 number of booths and click on their QR code
- When finished, attendee completes the contest information with name and email
- Attendee indicates favorite exhibitor and tell us why
- Attendees can enter the contest multiple times.
- All registered attendees eligible to play
- Exhibitors are not eligible to participate

Prize: 2021 Meeting Package including airfare (up to \$500 reimbursed), Four nights of hotel (room and tax only), Complimentary Registration (including a pre-session, and two lunch sessions), and guest registration.

## Daily Raffles

All attendees are automatically entered by registering for the 79th Annual Meeting and Clinical Congress of Acute Care Surgery. There will be at least three random winners each day. Prizes include, AAST logo items including shirts, jackets, yeti mugs, Amazon Echo, and more.

Winners will be announced on social media and in the AAST Conference Newsletter.

ONE AAST member will receive their 2021 dues complimentary and will be announced at the end of the meeting on September 18th.

## Auction

Experience AAST online this year! Did you miss quiltgate2019? Weren't able to place your bids in person last year? Don't worry AAST's got you covered!

AAST will have a virtual option this year beginning in August! Place bids on some favorites you missed last year (or were outbid for) through our online platform. Were you attending a lunch session and missed out on Dr. Stewart's sunset portrait? Never again!

With the new platform, you will get notifications on every item you place a bid for. Bidding on the go? You can place bids directly from your phone or program a max bid so you never lose out! Need a receipt for your bid? You can download a receipt right to your phone!

AAST is still accepting auction donations! To donate a item, contact Brea at [breasanders@aast.org](mailto:breasanders@aast.org)

Happy Bidding!

# AAST 2020



# ADD-ON SESSIONS

All times are Central Daylight Time

## TRENDS, UPDATES, AND CONTROVERSIES IN ACUTE CARE SURGERY

PRESENTED BY THE COMMUNICATIONS COMMITTEE

Tuesday, September 8, 2020  
2:00 PM - 6:00 PM

This short-course session will feature six “controversial” and current topics in trauma, presented in a pro-con debate style as well as updates regarding emerging technologies and trends in trauma and acute care surgery:

- Pelvic Packing vs Angio
- Reboa: Best current practices
- The role of CT scan in Penetrating trauma
- TXA has a role, or does it?
- Whole blood is a whole lot better or a whole lot worse?
- Technology and Vascular trauma, friend or foe?
- Emerging technologies and trends in emergency general surgery, where we are headed next?
- Use of robotics
- The future of AI
- What we need to know about palliative care
- What you need to know and how to implement DPR

Speakers: Clay Cothren Burlew, MD;  
Eileen Bulger, MD;  
Bellal Joseph, MD;  
Megan Brenner, MD; MSc;  
Ben Zarzaur, MD, MPH;  
Oscar Guillaumondegui, MD, MPH;  
Bryan Cotton, MD;  
Martin Schreiber, MD;  
Mitchell Cohen, MD;  
Jason Sperry, MD, MPH;  
Joseph DuBose, MD;  
David V. Feliciano, MD;  
Matthew Martin, MD;  
Rachael Callcut, MD;  
Karen Brasel, MD, MPH;  
Jason Smith, MD

Moderator: Jamie Coleman, MD

## THE NEW SURGEON: LIFE AFTER RESIDENCY AND FELLOWSHIP

PRESENTED BY THE ACUTE CARE SURGERY COMMITTEE

Thursday, September 10, 2020  
2:10 PM - 6:10 PM

The purpose of this session is to discuss common issues experienced as new junior surgeons joining a surgical practice. The topics will address common issues and dilemmas that are commonly experienced by new staff maneuvering a new hospital system in a new role as both as attending surgeon and junior partner. These will include discussions addressing the following categories: working with residents as a new surgeon, faculty development and planning a career academic medicine, the business of medicine- billing, and learning a new system and general tips on how to be a productive and respected junior partner.

Speakers: Gregory Jurkovich, MD;  
Samuel Ross, MD, MPH;  
Sasha Adams, MD;  
Ashley Meagher, MD, MPH;  
Stephanie Savage, MD;  
Anthony Charles, MD;  
Lillian Kao, MD, MS;  
Alexandra Briggs, MD;  
Brandy Padilla-Jones, MD;  
Steve Lu, MD;  
Linda Dultz, MD, MPH;  
Richard Miskimins, MD;  
Chrissy Guidry, DO;  
A. Britton Christmas, MD

Moderators: Stephanie Savage, MD;  
Ashley Meagher, MD;  
Brandy Padilla-Jones, MD

## CONTINUOUS CERTIFICATION PRESENTED BY THE EDUCATION COMMITTEE

Saturday, September 12, 2020  
9:00 AM - 1:00 PM

The 2020 AAST Continuous Certification Course will feature a diverse group of faculty experts participating in multiple interactive case-based panel sessions. Each of the three primary panel sessions will focus on one area of acute care surgery: trauma, surgical critical care, and emergency general surgery. Following the case discussions in each session, the panelists will identify and discuss their top recently published study in that field. The course will then conclude with a video-based “How I Do It” session focused on surgical procedures or surgical techniques in trauma or emergency general surgery cases.

Speakers: TBD

Moderators: Matthew Martin, MD





# LUNCH SESSIONS

All times are Central Daylight Time

## MAKING YOUR GERIATRIC AND PALLIATIVE PROGRAMS A STRENGTH: TQIP GUIDELINE IMPLEMENTATION AND THE VRC PERSPECTIVE

PRESENTED BY THE PALLIATIVE CARE AND GERIATRICS COMMITTEE

Wednesday, September 9, 2020  
12:00 PM - 1:00 PM

Like it or not, older patients are the most frequently treated group at most trauma centers in the United States today. Our older trauma patients face higher mortality and morbidity compared with younger patients. To help standardize and elevate care of these patients, the American College of Surgeons Trauma Quality Improvement Program's best practice guidelines in Geriatrics was published in 2013, and in Palliative Care in 2017. Specialized care and attention to these vulnerable populations is recommended, but the implementation of these programs can take many shapes. This session is designed to demonstrate several different implementation strategies of programs targeted towards geriatrics and palliative care. In particular, we will focus on specific performance and quality improvement measurements that can be tracked for trauma verification.

**Speakers:** Vanessa Ho, MD, MPH;  
Sasha Adams, MD;  
Saman Arbabi, MD, MPH;  
Chris Cribari, MD

**Moderator:** Zara Cooper, MD, MSc;  
Deborah Stein, MD, MPH



## ACHIEVING AND MAINTAINING A DIVERSE WORKFORCE: LOFTY GOALS AND STRATEGIC PLANS ARE NOT ENOUGH!

PRESENTED BY THE EQUITY, DIVERSITY, AND INCLUSION COMMITTEE

Thursday, September 10, 2020  
1:00 PM - 2:00 PM

Most institutions recognize the importance of a diverse workforce and highlight their efforts and commitment to address diversity and inclusion. Despite this, our work environment remains challenging for under-represented minorities and it is becoming increasingly clear that strategic plans and lofty goals are insufficient to address the problem. This session will explain approaches and programs that have been successful. Each presenter will discuss what has been most successful in their experience for approximately 5 minutes, followed by further audience participation exploring other successful programs as well as critical examination of tactics and plans that fall short.

**Speakers:** Cherisse Berry, MD;  
Sharon Henry, MD;  
Brian Williams, MD;  
Laurie Punch, MD;  
Jeffrey Upperman, MD  
(TBD)

**Moderator:** Michaela West, MD, PhD

## SURGICAL CRITICAL CARE: CHALLENGE THE EXPERTS

PRESENTED BY CRITICAL CARE COMMITTEE

Friday, September 11, 2020  
12:00 PM - 1:00 PM

This will be an interactive panel session where the moderator will pose challenges to the panel (clinical scenarios with management challenges, "what would you do next" questions, and discussions of select publications that are

influencing contemporary practice) that will highlight controversial or evolving aspects of surgical critical care. We will use an audience response system so attendees can choose a course of action from a multiple choice format. We also will use a "runner" with a microphone to take comments from the audience when appropriate. This session will be a follow up to 2019's highly successful critical care session, including collegial debate, audience interaction, and discussion of how new evidence has/has not been incorporated into clinical practice.

**Speakers:** Pauline Park, MD;  
Andre Campbell, MD;  
Addison May, MD, MBA;  
Christine Cocanour, MD

**Moderator:** Christopher Michetti, MD

## CHALLENGES AND OPPORTUNITIES FOR CONDUCTING RESEARCH STUDIES IN THE DEPLOYED SETTING

PRESENTED BY THE MILITARY LIAISON COMMITTEE

Sunday, September 13, 2020  
3:00 PM - 4:00 PM

There are opportunities and challenges in conducting research in the deployed setting. Often new techniques or tactics are tried and studied in a retrospective manner. This session explores the following questions:

1. Is the JTTR prospective data collection with retrospective review the most effective strategy in evaluating and improving care downrange? – COL Jennifer Gurney (8min)
2. REBOA - How do we deploy new technologies and study their effectiveness downrange? COL Joseph Dubose (8 min)
3. Are randomized studies feasible and ethical in the deployed setting? COL Jan Jansen (8 min)



# LUNCH SESSIONS

All times are Central Daylight Time

4. Role of Military in National Trauma Research Plan: Two perspectives  
Jerry Jurkovich & Todd Rasmussen  
(20 Min)

Open Discussion (30 Min)

**Speakers:** Jennifer Gurney, MD;  
Todd Rasmussen, MD;  
Joseph DuBose, MD;  
Gregory Jurkovich, MD

**Moderator:** Jan Jansen, MD, MBBS

## HOW DO I GET OUT OF THIS? MANAGING COMPLEX EMERGENCY GENERAL SURGERY ISSUES

PRESENTED BY THE PROGRAM COMMITTEE

Monday, September 14, 2020  
12:00 PM - 1:00 PM

Emergency general surgery encompasses a wide array of surgical diseases, ranging from the simple to the complex. This panel will cover complex surgical issues that many surgeons taking call can face. These complex issues include performing emergency operations in patients: with end stage liver disease; on oral anticoagulants, with heart failure on ventricular assist devices; who are elderly and/or immunosuppressed

**Speakers:** Hasan Alam, MD;  
Carlos Brown, MD;  
Bellal Joseph, MD;  
Matthew Martin, MD;  
Alison Wilson, MD;  
Ali Salim, MD

**Moderator:** Kenji Inaba, MD;  
Jack Sava, MD



## GLOBAL SURGERY: ESTABLISHING LONG-TERM, SUSTAINABLE, BIDIRECTIONAL PROGRAMS

PRESENTED BY THE INTERNATIONAL RELATIONS COMMITTEE

Monday, September 14, 2020  
1:00 PM - 2:00 PM

Low- and middle-income countries (LMICs) bear the greatest burden of surgical disease. However accessing high-quality surgical care in LMICs remains a major challenge. Well-validated programs and health care guidelines to ensure safe surgical care exist worldwide. The implementation of such guidelines and protocols remains elusive in LMIC. The engagement of international organizations have been mostly limited to short-term solutions. Quality surgical care in a timely and affordable manner is the goal to improve access, capacity and infrastructure. The purpose of the session is to explore effective strategies and model programs and opportunities for bidirectional engagement highlighting both positive and negative predictive outcomes. Examples from the African, Latin America, and the middle EAST regions will be highlighted

**Speakers:** Christoph Dodgion, MD;  
Edgar Rodas, MD;  
Marc DeMoya, MD;  
Ken Boffard, MD;  
Ruben Peralta, MD (TBD)

**Moderators:** Michel Aboutanos, MD;  
Rochelle Dicker, MD



## REGIONALIZATION OF ACUTE CARE SURGERY

PRESENTED BY THE EDUCATION COMMITTEE

Tuesday, September 15, 2020  
6:40 PM - 7:40 PM

The use of low-value care is more than just a small problem in the United States. According to estimates, billions of dollars of healthcare expenditure can be saved by adopting a value based healthcare system. To date, most efforts aimed at reducing low-value care have been limited. What are the barriers to implementing a value based healthcare system and can this optimize outcomes while reducing healthcare costs?

Acute care surgery regionalization has been proposed as a possible solution to the looming crisis in access to care, workforce shortage, and rising costs. Regionalization may have unintended consequences especially for rural centers. What are the salient arguments for and against regionalization.

Surgeons are increasingly pressured to maximize productivity to maintain reimbursement. There is now increased attention to the economic viability of different surgical practice models in the United States. The creation of an acute care surgery model has been shown to improve hospital contribution to margin, patient throughput, and complication rates.

**Speakers:** Kimberly A. Davis, MD, MBA;  
Andrew Bernard, MD;  
Kristan Staudenmayer, MD, MSc

**Moderator:** Bellal Joseph, MD



# LUNCH SESSIONS

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## CELLULAR THERAPY FOR TRAUMA PATIENTS: THE FUTURE IS NOW

PRESENTED BY THE PROGRAM COMMITTEE

Tuesday, September 15, 2020  
8:00 PM - 9:00 PM

The majority of deaths after injury occur within hours and are from uncontrolled hemorrhage. However up to 25% of all trauma deaths occur days later and are attributed to multiple inflammatory conditions. Current treatment for these inflammatory conditions are supportive and efficacy trials for new interventions have all failed. Inflammatory conditions such as AKI, ARDS, sepsis, VTE, MOF will continue to cause substantial morbidity, prolonged hospital stay and mortality without new advances in prevention or treatment.

Cellular therapies have the potential to simultaneously address multiple therapeutic targets after injury that are not achievable through current resuscitation and supportive care paradigms. Cellular therapies have the potential to 1) mediate cell protection and prevent further damage, 2) modify the microenvironment (i.e., inflammatory mediators that exacerbate injury), and 3) stimulate self-regenerative and reparative processes relating to inflammation and end organ injury. This session will describe the scientific rationale for (and the ongoing clinical trials) utilizing cellular therapy to prevent and treat the multiple inflammatory complications seen in severely injured trauma patients.

**Speakers:** John Holcomb, MD;  
Shibani Pati, MD, PhD;  
Martin Schreiber, MD;  
Charles Cox, MD

**Moderator:** John Holcomb, MD

## OPEN VS. ENDOVASCULAR APPROACHES TO VASCULAR TRAUMA - COMPLEMENTARY, NOT COMPETITIVE

PRESENTED BY THE PROGRAM COMMITTEE

Wednesday, September 16, 2020  
3:00 PM - 4:00 PM

While endovascular repairs are now commonly used for blunt injuries to the descending thoracic aorta and most injuries to the subclavian artery, their role in other vascular locations is evolving. A decision to use an open vs. endovascular approach (based on currently available technology) will depend on the patient's hemodynamic status, presentation (hemorrhage vs. occlusion vs. wall defect), location of injury, and training and experience of the surgeon. For example, intrapleural exsanguination from injury to the subclavian vessels should be approached through a "high" anterolateral thoracotomy when an endovascular specialist is not available. In contrast, local extravasation from the subclavian artery on a CTA should be approached through preliminary endovascular balloon occlusion and/or insertion of an endovascular stent graft.

This session will focus on complementary open and endovascular approaches to injuries to cervical, thoracic, abdominal, and peripheral vascular trauma, with recommendations based on common sense and currently available data. Guiding principles will include open approaches for active hemorrhage in readily accessible locations, endovascular approaches for local extravasation, wall defects, or occlusion in high cervical and cavitory locations, and combined approaches (including the insertion of a REBOA device) for suspected complex cavitory injuries.

**Speakers:** David V. Feliciano, MD;  
Joseph J. DuBose, MD

**Moderator:** David V. Feliciano, MD

## IT KEEPS ME UP AT NIGHT: ETHICAL AND LEGAL CHALLENGES IN ACUTE CARE SURGERY

PRESENTED BY THE PALLIATIVE CARE COMMITTEE

Thursday, September 17, 2020  
4:20 PM - 5:20 PM

Ethics is one of the 8 domains of palliative care. As acute care surgeons are increasingly involved in end of life care and palliative care for older and seriously ill patients, complex ethical and legal problem arise more frequently. Here we convene a panel of experts in ethics and acute care surgery to lead case-based interactive discussions about real ethical and legal challenges in trauma, emergency surgery and ICU care. The session will include clinical cases and questions, audience response, a review of the ethical issue's principles involved, and guidance on how to manage such scenarios.

Cases will focus on the following ethical challenges:

1. Should surgeons who have no existing relationship with a patient and their family recommend a change in clinical course at the end of life?

(Clinical Case will be an older cancer patient with acute cholecystitis who on palliative chemotherapy that is not working, and prognosis of weeks)

2. What is the individual surgeons' responsibility to respond to gun violence?

(Case will be of a GSW victim who dies after attempts to save her life.)

3. Disclosure of error by a surgeon at another institution.

(Case includes patient transferred to your ICU after suffering major complications after surgery at another hospital. They are sent to you for continued care after 4 weeks at the OSH. The family is furious and wants



# LUNCH SESSIONS

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you to opine as to whether the other surgeon committed malpractice. They threaten to sue you and your hospital if you are not forthcoming.)

**Speakers:** Allan Peetz, MD, MPH;  
Zara Cooper, MD, MSc

**Moderator:** Anne Mosenthal, MD

## **BURNOUT IS A THREAT TO THE VITALITY OF OUR PROFESSION: INSIGHTS AND ADVICE FROM A MULTI-GENERATIONAL PANEL OF EXPERTS**

**PRESENTED BY THE COMMUNICATIONS COMMITTEE**

Thursday, September 17, 2020  
5:35 PM - 6:35 PM

Over 50% of surgeons experience symptoms of burnout during their career. Burnout is associated with errors in patient care, physician rates of depression and suicide, and an increased likelihood to leave medicine and surgery altogether, all of which are threats to the vitality of our profession for the future. It is imperative that we address the issues of burnout and surgeon wellbeing by understanding root causes and seeking practical ways we can collectively support one another throughout the spectrum of our careers.

This panel will provide insights on preventing, identifying, and mitigating burnout from several unique generational perspectives. We will discuss the issues and provide practical take-home advice to assist surgeons at all career stages to be champions for wellbeing

**Speakers:** Eileen Bulger, MD;  
Jeff Claridge, MD, MSc;  
Oscar Guillaumondegui, MD, MPH;  
Jamie Coleman, MD;  
Anuoluwaop Elegbede, MD

**Moderator:** Jennifer Hartwell, MD

## **BUILD YOUR ACADEMIC CAREER**

**PRESENTED BY THE ASSOCIATE MEMBER COMMITTEE**

Friday, September 18, 2020  
12:00 PM - 1:00 PM

This session will be primarily directed toward associate members and early faculty. The session will feature 3 speakers at 3 different career stages. We will begin with the moderators introducing themselves, the purpose of the talk, and the speakers. We will then have each speaker present on a) how they transitioned from a prior stage of their career to their current stage, b) challenges they faced during the transition, and c) strategies they have used to maximize their academic productivity during and immediately after the transition. This will be followed by a question and answer session.

**Speakers:** Linda Dultz, MD, MPH;  
Timothy Pritts, MD;  
Clay Cothren Burlew, MD

**Moderator:** Nicole Goulet, MD;  
Joseph Forrester, MD, MSc



## **CME**

CME will be available to claim on the AAST website from September 8th until the end of October. All content will be archived on the virtual meeting platform and available for viewing after the meeting for at least 30 days.

## **EMERGENCY SURGERY COURSE**

\$175 without full meeting registration,  
\$150 with full meeting registration

### **Description:**

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.

We provide two days of emergency surgery education that include:

- Case discussions
- Topic reviews
- Etc.

### **Topics include but are not limited to:**

- Abdominal sepsis
- Bowel obstruction
- Colorectal emergencies
- Acute cholecystitis
- Obstetric emergencies
- Etc.

Lectures will be available on-demand throughout the duration of the annual meeting. A live Q&A and discussion of the cases will be held during the annual meeting on Saturday, September 12th from 2:00-5:00 PM CDT.

**Speakers:** Andrew Peitzman, MD; TBD



# SCHEDULE AT A GLANCE

All times are Central Daylight Time

TUESDAY, SEPTEMBER 8, 2020

9:00 AM - 9:30 AM

## PRESIDENTIAL INTRODUCTION

Presenter: David Spain, MD

9:30 AM - 12:30 PM

## SESSION I: PLENARY PAPERS I-9

**PAPER 1: 9:30 AM** AFTER 800 MTP EVENTS, MORTALITY DUE TO HEMORRHAGIC SHOCK REMAINS HIGH AND UNCHANGED DESPITE SEVERAL HEMORRHAGE CONTROL ADVANCEMENTS; IS IT TIME TO MOVE THE PENDULUM?

Presented by: Juan Duchesne, MD

**PAPER 2: 9:50 AM** DYNAMIC USE OF FIBRINOGEN UNDER VISCOELASTIC ASSESSMENT RESULTS IN REDUCED NEED FOR PLASMA AND DIMINISHED OVERALL TRANSFUSION REQUIREMENTS IN SEVERE TRAUMA

Presented by: Marta Barquero Lopez, MD

**PAPER 3: 10:10 AM** PLASMA RESUSCITATION WITH ADJUNCTIVE PERITONEAL RESUSCITATION REDUCES ISCHEMIA INDUCED INTESTINAL BARRIER BREAKDOWN FOLLOWING HEMORRHAGIC SHOCK

Presented by: Jessica Schucht, MD

**PAPER 4: 10:30 AM** INFLATE AND PACK! PELVIC PACKING COMBINED WITH REBOA DEPLOYMENT PREVENTS HEMORRHAGE RELATED DEATHS IN UNSTABLE PELVIC FRACTURES

Presented by: Clay Burlew, MD

**PAPER 5: 10:50 AM** CRITICAL CARE ULTRASOUND IN GERIATRIC TRAUMA RESUSCITATION LEADS TO DECREASED FLUID ADMINISTRATION AND VENTILATOR DAYS

Presented by: Elain Cleveland, MD

**PAPER 6: 11:10 AM** OUTCOMES OF STANDARDIZED NON-OPERATIVE MANAGEMENT OF HIGH-GRADE PANCREATIC TRAUMA IN CHILDREN: A STUDY FROM THE PEDIATRIC TRAUMA SOCIETY PANCREATIC TRAUMA STUDY GROUP

Presented by: Bindi Naik-Mathuria, MD, MPH

**PAPER 7: 11:30 AM** ANTIPLATELET AND ANTICOAGULANT AGENTS, ALONE AND IN COMBINATION, HAVE MINIMAL IMPACT ON TRAUMATIC BRAIN INJURY (TBI) INCIDENCE, NEED FOR SURGERY, AND MORTALITY IN GERIATRIC GROUND LEVEL FALLS (GLFS): A MULTI-INSTITUTIONAL ANALYSIS OF 33,710 PATIENTS

Presented by: Samir Fakhry, MD

**PAPER 8: 11:50 AM** MEAN ARTERIAL PRESSURE MAINTENANCE FOLLOWING SPINAL CORD INJURY: DOES MEETING THE TARGET MATTER?

Presented by: Jordan Weinberg, MD

**PAPER 9: 12:10 AM** FIREARM STORAGE PRACTICES OF U.S. MEMBERS OF THE AMERICAN COLLEGE OF SURGEONS

Presented by: Brendan Campbell, MD

12:30 PM - 1:00 PM

Break

1:00 PM - 2:00 PM

## BUSINESS MEETING

2:00 PM - 6:00 PM

**ADD-ON SESSION: COMMUNICATIONS COMMITTEE: "TRENDS, UPDATES, AND CONTROVERSIES IN ACUTE CARE SURGERY"**



# SCHEDULE AT A GLANCE

All times are Central Daylight Time

WEDNESDAY, SEPTEMBER 9, 2020

12:00 PM - 1:00 PM

**LUNCH SESSION: PALLIATIVE CARE AND GERIATRICS COMMITTEES:** "MAKING YOUR GERIATRIC AND PALLIATIVE PROGRAMS A STRENGTH: TQIP GUIDELINE IMPLEMENTATION AND THE VRC PERSPECTIVE"

1:00 PM - 2:40 PM

## SESSION II: PAPERS 10-14

**PAPER 10: 1:00 PM** ANTITHROMBIN III AMELIORATES POST-TBI CEREBRAL LEUKOCYTE-ENDOTHELIAL CELL INTERACTIONS AND BLOOD BRAIN BARRIER (BBB) PERMEABILITY IN VIVO

Presented by: Mohamed Elsadani, MD

**PAPER 11: 1:20 PM** THE EXPRESSION OF REPULSIVE GUIDANCE MOLECULE A (RGMA) AFTER TRAUMATIC BRAIN INJURY: THE TIME-COURSE GENE EXPRESSION CHANGES IN THE MURINE CONTROLLED CORTICAL IMPACT MODEL

Presented by: Eri Uemura, MD

**PAPER 12: 1:40 PM** ACTIVE MONOCYTE EXOCYTOSIS OF MITOCHONDRIAL DAMPS SUPPRESSES NEUTROPHIL FUNCTION

Presented by: Carl Hauser, MD

**PAPER 13: 2:00 PM** FREEZE DRIED PLATELETS REPAIR AND STABILIZE THE VASCULAR ENDOTHELIUM IN HEMORRHAGIC SHOCK

Presented by: Shibani Pati, MD, PhD

**PAPER 14: 2:20 PM** CONTINUOUS ELEVATION OF INFLAMMATORY CYTOKINE LEVELS IN CEREBROSPINAL FLUID AND ENDOTHELIAL GLYCOCALYX SHEDDING ASSOCIATED WITH BEHAVIORAL ABNORMALITIES IN A RAT MODEL OF BLAST-INDUCED MILD TRAUMATIC BRAIN INJURY

Presented by: Yuki Togami, MD

2:40 PM - 3:00 PM

## SCHOLARSHIP PRESENTATIONS

3:00 PM - 4:40 PM

## SESSION III: PAPERS 15-19

**PAPER 15: 3:00 PM** ASSOCIATION OF TIMING OF INITIATION OF PHARMACOLOGIC VENOUS THROMBOEMBOLISM PROPHYLAXIS WITH OUTCOMES IN TRAUMA PATIENTS

Presented by: Jason Hecht, MD, PharmD

**PAPER 16: 3:20 PM** RISK OF THROMBOEMBOLIC EVENTS AFTER THE USE OF TXA IN TRAUMA PATIENTS

Presented by: Marianna Fischmann, MD

**PAPER 17: 3:40 PM** HEAD IN THE SAND? THE VALUE OF ROUTINE DUPLEX ULTRASOUND SCREENING FOR VENOUS THROMBOEMBOLISM IN THE TRAUMA PATIENT: A RANDOMIZED VANGUARD TRIAL

Presented by: Annika Kay

**PAPER 18: 4:00 PM** HYBRID EMERGENCY ROOM SHOWS THE MAXIMUM EFFECT ON TRAUMA RESUSCITATION WHEN USED IN PATIENTS WITH HIGHER SEVERITY

Presented by: Natsuhiro Mortia, MD

**PAPER 19: 4:20 PM** REAL-TIME BEDSIDE MANAGEMENT AND TITRATION OF PARTIAL REBOA WITHOUT AN ARTERIAL LINE: GOOD FOR PRESSURE, NOT FOR FLOW!

Presented by: Matthew Carr, MD

# SCHEDULE AT A GLANCE

All times are Central Daylight Time

THURSDAY, SEPTEMBER 10, 2020

9:00 AM - 10:20 AM

## SESSION IV: PAPERS 20-23

**PAPER 20: 9:00 AM** GALL STONES RELATED COMPLICATIONS AFTER UNTREATED BILIARY COLIC: A SIX-MONTH READMISSIONS STUDY

Presented by: Faisal Jehan, MD

**PAPER 21: 9:20 AM** BILE DUCT CLEARANCE AND CHOLECYSTECTOMY FOR CHOLEDOCOLITHIASIS: ONE - STAGE LAPAROSCOPIC CHOLECYSTECTOMY WITH INTRA-OPERATIVE ENDOCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP) PROCEDURE VERSUS TWO - STAGE PROCEDURE

Presented by: Gary Bass, MD, MBA, MS

**PAPER 22: 9:40 AM** EVALUATING THE ASSOCIATION BETWEEN AAST EMERGENCY GENERAL SURGERY SEVERITY GRADES AND OUTCOMES USING NATIONAL CLAIMS DATA

Presented by: John Scott, MD, MPH

**PAPER 23: 10:00 AM** READMISSION FOR VENOUS THROMBOEMBOLISM AFTER EMERGENCY GENERAL SURGERY IS UNDERREPORTED AND INFLUENCED BY INSURANCE STATUS

Presented by: Rishi Rattan, MD

10:20 AM - 10:35 AM

Break

10:35 AM - 12:55 PM

## SESSION V: PAPERS 24-30

**PAPER 24: 10:35 AM** UNIVERSAL SCREENING FOR BLUNT CEREBROVASCULAR INJURY

Presented by: Jonathan Black, MD

**PAPER 25: 10:55 AM** THE IMPACT OF DELAYED HIP FRACTURE MANAGEMENT ON HEALTH OUTCOMES FOR AFRICAN AMERICAN OLDER ADULTS

Presented by: Molly Jarman, PhD, MPH

**PAPER 26: 11:15 AM** A NATIONWIDE PROSPECTIVE MULTICENTER STUDY ON DEFINITIVE SURGERY FOR ISOLATED HIP FRACTURE WITHIN 24 HOURS

Presented by: Darwin Ang, MD

**PAPER 27: 11:35 AM** A MULTICENTER TRIAL OF THE EVOLVING DIAGNOSIS AND MANAGEMENT OF HIGH-GRADE PANCREATIC INJURIES

Presented by: Walter Biffl, MD

**PAPER 28: 11:55 AM** HARD SIGNS GONE SOFT

Presented by: Anna Romagnoli, MD

**PAPER 29: 12:15 PM** PROSPECTIVE STUDY OF SHORT-TERM QUALITY OF LIFE AFTER TRAUMATIC RIB FRACTURES

Presented by: Jeff Choi, MD

**PAPER 30: 12:35 PM** ACQUISITION OF MEDICAID AT THE TIME OF INJURY: AN OPPORTUNITY FOR SECURING INSURANCE COVERAGE

Presented by: Joshua Jaramillo, MD

12:55 PM - 1:00 PM

Break

1:00 PM - 2:00 PM

**LUNCH SESSION: EQUITY, DIVERSITY, AND INCLUSION COMMITTEE: "ACHIEVING AND MAINTAINING A DIVERSE WORKFORCE: LOFTY GOALS AND STRATEGIC PLANS ARE NOT ENOUGH!"**

2:00 PM - 2:10 PM

Break - Reminder to check out ePosters

2:10 PM - 6:10 PM

**ADD-ON SESSION: ACUTE CARE SURGERY COMMITTEE: "THE NEW SURGEON: LIFE AFTER RESIDENCY AND FELLOWSHIP"**



# SCHEDULE AT A GLANCE

All times are Central Daylight Time

## FRIDAY, SEPTEMBER 11, 2020

8:55 AM - 9:00 AM

**MOMENT OF SILENCE - 9/11**

9:00 AM - 11:40 AM

### SESSION VI: PAPERS 31-38

**PAPER 31: 9:00 AM** *TIME IS OF THE ESSENCE: THE RELATIONSHIP BETWEEN TIMING OF AMPUTATION AND COMPLICATIONS AMONG PATIENTS WITH A MANGLED LOWER EXTREMITY*

Presented by: Bourke Tillmann, MD

**PAPER 32: 9:20 AM** *EXTRATHORACIC POLYTRAUMA DYSREGULATES NEUTROPHIL FUNCTION AND EXACERBATES PNEUMONIA-INDUCED LUNG INJURY*

Presented by: Christina Zhang, MD

**PAPER 33: 9:40 AM** *TRAUMA PATIENT VS. CAREGIVER SATISFACTION WITH DELIVERY OF PALLIATIVE CARE: WHO FACES THE BURDEN?*

Presented by: Costance McGraw, MPH

**PAPER 34: 10:00 AM** *ARE LEGALLY PURCHASED GUNS TO BLAME FOR OVERALL FIREARM MORTALITY? A STATE-LEVEL ANALYSIS OF THE ASSOCIATION BETWEEN FIREARM RETAIL AVAILABILITY AND FIREARM MORTALITY*

Presented by: August Houghton, BS

**PAPER 35: 10:20 AM** *DEVELOPING COMMUNITY-BASED SOLUTIONS TO INTERPERSONAL FIREARM VIOLENCE: THE DIFFERING PERSPECTIVES OF SURVIVORS AND TRAUMA SURGEONS*

Presented by: Bachar Halimeh, MBBS

**PAPER 36: 10:40 AM** *CAUGHT IN THE CROSSFIRE: 37 YEARS OF FIREARM VIOLENCE AFFLICTING AMERICA'S YOUTH*

Presented by: Nathan Manley, MD

**PAPER 37: 11:00 AM** *A PSEUDO-DILEMMA: ARE WE OVER-DIAGNOSING AND OVER-TREATING TRAUMATIC SPLENIC INTRAPARENCHYMAL PSEUDOANEURYSMS?*

Presented by: Sydney Radding, MD

**PAPER 38: 11:20 AM** *ENHANCING TRAUMA REGISTRIES BY INTEGRATING TRAFFIC RECORDS AND GEOSPATIAL ANALYSIS TO IMPROVE BICYCLIST SAFETY*

Presented by: Jay Doucet, MD, MSc

11:40 AM - 12:00 PM

Break

12:00 PM - 1:00 PM

**LUNCH SESSION: CRITICAL CARE COMMITTEE: "SURGICAL CRITICAL CARE: CHALLENGE THE EXPERTS"**

1:00 PM - 1:30 PM

**DIVERSITY AND INCLUSION COMMITTEE STATEMENT**

## SATURDAY, SEPTEMBER 12, 2020

9:00 AM - 1:00 PM

**ADD-ON SESSION: EDUCATION COMMITTEE: "CONTINUOUS CERTIFICATION"**

1:00 PM - 2:00 PM

**YOGA SESSION**

2:00 PM - 5:00 PM

**EMERGENCY SURGERY COURSE**

## SUNDAY, SEPTEMBER 13, 2020

1:00 PM - 3:00 PM

**COVID-19 PANEL**

3:00 PM - 4:00 PM

**LUNCH SESSION: MILITARY LIAISON COMMITTEE: "CHALLENGES AND OPPORTUNITIES FOR CONDUCTING RESEARCH STUDIES IN THE DEPLOYED SETTING"**

4:00 PM - 5:00 PM

**ACUTE CARE SURGERY AND ABS CERTIFICATION: "OPPORTUNITIES AND CHALLENGES"**

# SCHEDULE AT A GLANCE

MONDAY, SEPTEMBER 14, 2020

All times are Central Daylight Time

9:00 AM - 11:20 AM

## SESSION VII: PAPERS 39-45

**PAPER 39: 9:00 AM** REGIONALIZATION OF TRAUMA CARE BY OPERATIVE EXPERIENCE: DOES THE VOLUME OF EXPLORATORY LAPAROTOMY MATTER?

Presented by: Andrew Tang, MD

**PAPER 40: 9:20 AM** USE OF RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA IN TRAUMATIC BRAIN INJURY PATIENT: A NATIONWIDE ANALYSIS

Presented by: Muhammad Khurram, MD

**PAPER 41: 9:40 AM** MULTI-INSTITUTIONAL VALIDATION STUDY OF THE INJURED TRAUMA SURVIVOR SCREEN (ITSS)

Presented by: Joshua Hunt, PhD

**PAPER 42: 10:00 AM** ROADWAY FEATURES ASSOCIATED WITH ELDERLY MOTOR VEHICLE COLLISIONS

Presented by: Maxwell Presser, BA

**PAPER 43: 10:20 AM** RECENT RELEASE FROM PRISON – A NOVEL RISK FACTOR FOR INTIMATE PARTNER HOMICIDE

Presented by: Justin Cirone, MD

**PAPER 44: 10:40 AM** A CLINICAL PRACTICE GUIDELINE USING PERCENTAGE OF PREDICTED FVC IMPROVES RESOURCE ALLOCATION FOR RIB FRACTURE PATIENTS

Presented by: Joshua Billings, MD

**PAPER 45: 11:00 AM** DISTINCT IMMUNOLOGIC ENDOTYPES ARE ASSOCIATED WITH CLINICAL TRAJECTORY AFTER SEVERE BLUNT TRAUMA AND HEMORRHAGIC SHOCK

Presented by: Scott Brakenridge, MD

11:20 AM - 12:00 PM

Break

12:00 PM - 1:00 PM

**LUNCH SESSION: PROGRAM COMMITTEE: “HOW DO I GET OUT OF THIS? MANAGING COMPLEX EMERGENCY GENERAL SURGERY ISSUES”**

1:00 PM - 2:00 PM

**LUNCH SESSION: INTERNATIONAL RELATIONS COMMITTEE: “GLOBAL SURGERY: ESTABLISHING LONG-TERM, SUSTAINABLE, BIDIRECTIONAL PROGRAMS”**

TUESDAY, SEPTEMBER 15, 2020

4:00 PM - 6:20 PM

## SESSION VIII: PAPERS 46-52

**PAPER 46: 4:00 PM** PEDIATRIC ADJUSTED REVERSE SHOCK INDEX MULTIPLIED BY GLASGOW COMA SCALE OUTPERFORMS PEDIATRIC ADJUSTED SHOCK INDEX IN PEDIATRIC WAR ZONE TRAUMA

Presented by: Daniel Lammers, MD

**PAPER 47: 4:20 PM** COMPARISON OF MASSIVE AND EMERGENCY TRANSFUSION PREDICTION SCORING SYSTEMS AFTER TRAUMA WITH A NEW BLEEDING RISK INDEX SCORE APPLIED IN-FLIGHT

Presented by: Peter Hu, MD

**PAPER 48: 4:40 PM** TRANSFUSION OF A SINGLE “DISCRETIONARY” UNIT OF RED BLOOD CELLS IS ASSOCIATED WITH WORSE CLINICAL OUTCOMES IN TRAUMA PATIENTS: A TRAUMA QUALITY IMPROVEMENT PROGRAM (TQIP) STUDY

Presented by: Khaled Abdul Jawad, MD

**PAPER 49: 5:00 PM** CLAMSHELL THORACOTOMY BETTER FACILITATES THORACIC LIFE-SAVING PROCEDURES WITHOUT INCREASED COMPLICATIONS COMPARED TO ANTEROLATERAL APPROACH TO RESUSCITATIVE THORACOTOMY: RESULTS FROM THE AAST AORTA REGISTRY

Presented by: Joseph DuBose, MD

**PAPER 50: 5:20 PM** LONG-TERM OUTCOMES OF ILLICIT DRUG USE IN TRAUMA PATIENTS: A MULTICENTER PATIENT-REPORTED OUTCOMES STUDY

Presented by: Mohammad El Moheb, MD



# SCHEDULE AT A GLANCE

All times are Central Daylight Time

6:20 PM - 6:40 PM

6:40 PM - 7:40 PM

7:40 PM - 8:00 PM

8:00 PM - 9:00 PM

**PAPER 51: 5:40 PM** *MODIFIABLE FACTORS TO IMPROVE WORK-LIFE BALANCE FOR TRAUMA SURGEONS*

Presented by: Carlos Brown, MD

**PAPER 52: 6:00 PM** *RECTAL DELIVERY OF OXYGEN MICROBUBBLES AUGMENTS SYSTEMIC OXYGENATION IN PORCINE MODEL OF SMOKE INHALATION-INDUCED ACUTE RESPIRATORY DISTRESS SYNDROME*

Presented by: Keely Buesing, MD

Break

**EDUCATION COMMITTEE: "REGIONALIZATION OF ACUTE CARE SURGERY"**

**CHAIR YOGA**

**PROGRAM COMMITTEE: "CELLULAR THERAPY FOR TRAUMA PATIENTS: THE FUTURE IS NOW"**

## WEDNESDAY, SEPTEMBER 16, 2020

12:00 PM - 2:40 PM

### SESSION IX: PAPERS 53-60

**PAPER 53: 12:00 PM** *ALIVE AND AT HOME: 5-YEAR OUTCOMES IN OLDER ADULTS FOLLOWING EMERGENCY GENERAL SURGERY*

Presented by: Matthew Guttman, MD

**PAPER 54: 12:20 PM** *FAST TRACK PATHWAY PROVIDES SAFE, VALUE BASED CARE ON BUSY ACUTE CARE SURGERY SERVICE*

Presented by: Kali Kuhlenschmidt, MD

**PAPER 55: 12:40 PM** *WHAT HAPPENS WHEN THEY'RE GONE? THE IMPACT ON HOSPITAL REVENUE AND OPERATIVE CASELOADS WHEN EMERGENCY GENERAL SURGERY OPERATIONS ARE REGIONALIZED*

Presented by: Robert Becher, MD

**PAPER 56: 1:00 PM** *MULTICENTER VALIDATION OF THE AAST GRADING SCALE FOR ACUTE CHOLECYSTITIS*

Presented by: Kevin Schuster, MD, MPH

**PAPER 57: 1:20 PM** *WILL TRAUMA SYSTEMS WORK FOR EGS? QUANTIFYING GEOGRAPHIC PROXIMITY BETWEEN LOWER AND HIGHER PERFORMING EMERGENCY GENERAL SURGERY HOSPITALS*

Presented by: Michael DeWane, MD

**PAPER 58: 1:40 PM** *TRAUMA HEALTH LITERACY: STEPS TOWARD REMEDIATION*

Presented by: Catherine Seger, MD

**PAPER 59: 2:00 PM** *DEPRESSION PREDICTS LONG-TERM COGNITIVE IMPAIRMENT IN SURVIVORS OF CRITICAL ILLNESS*

Presented by: Mina Nordness, MD

**PAPER 60: 2:20 PM** *PATIENTS FOLLOW DIFFERENT FINANCIAL HARDSHIP TRAJECTORIES IN THE YEAR AFTER INJURY*

Presented by: Ben Zarzaur, MD, MPH

2:40 PM - 3:00 PM

Break

3:00 PM - 4:00 PM

**PROGRAM COMMITTEE: "OPEN VS. ENDOVASCULAR APPROACHES TO VASCULAR TRAUMA - COMPLEMENTARY, NOT COMPETITIVE"**

# SCHEDULE AT A GLANCE

All times are Central Daylight Time

## THURSDAY, SEPTEMBER 17, 2020

2:00 PM - 4:00 PM

### SESSION X: PAPERS 61-66

**PAPER 61: 2:00 PM** ENDOVASCULAR VS OPEN MANAGEMENT OF TRAUMATIC ILIAC ARTERY INJURIES: A REVIEW OF THE AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA PROSPECTIVE OBSERVATIONAL VASCULAR INJURY TRIAL (PROOVIT) REGISTRY

Presented by: Jason Miner, MD

**PAPER 62: 2:20 PM** BEYOND THE HEADLINES: A DETAILED ANALYSIS OF 19 YEARS OF MASS SHOOTINGS ACROSS THE UNITED STATES

Presented by: Richard Lewis, MD

**PAPER 63: 2:40 PM** THE PREHOSPITAL USE OF YOUNGER AGE WHOLE BLOOD IS ASSOCIATED WITH AN IMPROVED ARRIVAL COAGULATION PROFILE

Presented by: Thomas Clements, MD

**PAPER 64: 3:00 PM** VALIDATION OF A NOMOGRAM PREDICTING BLEEDING CONTROL INTERVENTIONS AFTER HIGH-GRADE RENAL TRAUMA

Presented by: Sorena Keihani, MD, MSc

**PAPER 65: 3:20 PM** PROLONGED METABOLOMIC ALTERATIONS CHARACTERIZE PERSISTENT INFLAMMATION, IMMUNOSUPPRESSION, AND CATABOLISM SYNDROME AFTER SEVERE TRAUMA

Presented by: Dana Horn, MD

**PAPER 66: 3:40 PM** TRAUMA BAY VIRTUAL REALITY - A GAME-CHANGER FOR ATLS INSTRUCTION AND ASSESSMENT

Presented by: Raminder Nirula, MD, MPH

4:00 PM - 4:20 PM

Break

4:20 PM - 5:20 PM

**LUNCH SESSION: PALLIATIVE CARE COMMITTEE:** "IT KEEPS ME UP AT NIGHT: ETHICAL AND LEGAL CHALLENGES IN ACUTE CARE SURGERY"

5:20 PM - 5:35 PM

Break

5:35 PM - 6:35 PM

**LUNCH SESSION: COMMUNICATIONS COMMITTEE:** "BURNOUT IS A THREAT TO THE VALIDITY OF OUR PROFESSION: INSIGHTS AND ADVICE FROM A MULTI-GENERATIONAL PANEL OF EXPERTS"

## FRIDAY, SEPTEMBER 18, 2020

9:00 AM - 10:18 AM

### SESSION XI: QUICKSHOTS I-13

**QS 1: 9:00 AM** PATTERN-BASED ANALYSIS OF GENE EXPRESSION PROFILE BY CANONICAL DISCRIMINANT ANALYSIS COULD IDENTIFY THE PATHOPHYSIOLOGY REGARDLESS OF THE SEVERITY

Presented by: Goro Tajima, MD, PhD

**QS 2: 9:06 AM** CAN THE USE OF A PUBLICLY-AVAILABLE SAFETY ALERT APP IMPROVE URBAN TRAUMA TEAM PRE-HOSPITAL NOTIFICATION?

Presented by: Leandra Krowsoski, MD

**QS 3: 9:12 AM** DAYS THAWED DOES NOT AFFECT SURVIVAL, BLEEDING, OR BIOMARKERS IN PATIENTS RECEIVING PREHOSPITAL FRESH FROZEN PLASMA: PAMER SECONDARY ANALYSIS

Presented by: Katherine Reitz, MD

**QS 4: 9:18 AM** STANDARDIZATION OF OPIOID PRESCRIPTION AFTER TRAUMA (STOP TRAUMA): A PROSPECTIVE INTERVENTION TO REDUCE EXCESSIVE OPIOID PRESCRIPTION

Presented by: Eric Walser, MD



# SCHEDULE AT A GLANCE

All times are Central Daylight Time

**QS 5: 9:24 AM** *THE RELATIONSHIP BETWEEN CORTISOL RESPONSE AND THE DEVELOPMENT OF CHRONIC PAIN IN TRAUMATICALLY INJURED PATIENTS*

Presented by: Colleen Trevino, PhD

**QS 6: 9:30 AM** *TRAUMA CENTER DESIGNATION CAN NULLIFY THE EFFECT OF CARE DISCONTINUITY*

Presented by: Manuel Castillo-Angeles, MD, MPH

**QS 7: 9:36 AM** *APHERESIS PLATELETS HAVE COMPROMISED AGGREGATION COMPARED TO POOLED PLATELETS*

Presented by: Christina Riojas, MD

**QS 8: 9:42 AM** *TRAUMA PATIENT TRANSPORT TIMES AND MORTALITY UNCHANGED DESPITE TRAUMA CENTER PROLIFERATION*

Presented by: Michael Jones, MD

**QS 9: 9:48 AM** *IMMUNE SIGNATURES CORRELATE WITH CLINICAL OUTCOME AFTER TRAUMA INJURY*

Presented by: April Mendoza, MD, MPH

**QS 10: 9:54 AM** *THE EFFECT OF THE AFFORDABLE CARE ACT ON RATES OF INPATIENT REHABILITATION HOSPITAL ADMISSION IN A MATURE TRAUMA SYSTEM*

Presented by: Frederick Rogers, MD

**QS 11: 10:00 AM** *PREDICTORS OF SURVIVAL AFTER CRANIOTOMY IN GERIATRIC PATIENTS WITH TRAUMATIC BRAIN INJURY*

Presented by: Muhammad Zeeshan, MD

**QS 12: 10:06 AM** *ADMINISTRATION OF VALPROIC ACID IN CLINICALLY APPROVED DOSE IMPROVES NEUROLOGIC RECOVERY AND DECREASES BRAIN LESION SIZE IN SWINE SUBJECTED TO HEMORRHAGIC SHOCK AND TRAUMATIC BRAIN INJURY*

Presented by: Glenn Wakam, MD

**QS 13: 10:12 AM** *TRENDS IN UTILIZATION OF WHOLE-BODY COMPUTED TOMOGRAPHY IN BLUNT TRAUMA: A 9-YEAR RETROSPECTIVE STUDY USING TRAUMA QUALITY IMPROVEMENT PROJECT (TQIP) DATABASE*

Presented by: Corinne Bunn, MD

10:18 AM - 10:30 AM

Break

10:30 AM - 11:48 AM

## SESSION XII: QUICKSHOTS 14-26

**QS 14: 10:30 AM** *THE EXTENT TO WHICH GEOGRAPHY EXPLAINS ONE OF TRAUMA'S TROUBLING TRENDS: INSURANCE-BASED DIFFERENCES IN APPROPRIATE INTER-FACILITY TRANSFER*

Presented by: Cheryl Zogg, PhD, MSc, MPH

**QS 15: 10:36 AM** *PERSISTENT INFLAMMATORY CATABOLIC SYNDROME AFTER HYPOTHERMIA IN TRAUMA PATIENTS*

Presented by: David Miranda, MD, MSc

**QS 16: 10:42 AM** *RESUMPTION OF LONG TERM ANTICOAGULATION AFTER TRAUMATIC INTRACRANIAL HEMORRHAGE IN GERIATRIC PATIENTS – A BAD IDEA?*

Presented by: Adrian Ong, MD

**QS 17: 10:48 AM** *CAN VARIATIONS IN INSULIN REQUIREMENTS BE AN EARLY INDICATOR OF SEPSIS IN BURN PATIENTS?*

Presented by: Chathurika Dhanasekara, PhD

**QS 18: 10:54 AM** *CALCIUM SIGNALING DRIVES FEMALE-SPECIFIC PLATELET HYPERACTIVITY: A MECHANISTIC EXPLORATION OF SEX DIMORPHISMS IN PLATELET FUNCTION*

Presented by: Julia Coleman, MD, MPH

# SCHEDULE AT A GLANCE

All times are Central Daylight Time

**QS 19: 11:00 AM** *MANAGING ACUTE UNCOMPLICATED APPENDICITIS IN FRAIL GERIATRIC PATIENTS: A SECOND HIT MAY BE TOO MUCH*

Presented by: Mohamad Chehab, MD

**QS 20: 11:06 AM** *DIFFERENCES IN RATE OF INTERVENTION FOR BLUNT SPLENIC INJURY IN ADOLESCENTS BETWEEN ADULT AND COMBINATION ADULT/PEDIATRIC CENTERS*

Presented by: Arthur Grimes, MD

**QS 21: 11:12 AM** *HOSPITAL COSTS FOR FIREARM INJURIES BY U.S. REGION, 2005-2015*

Presented by: Thomas Weiser, MD, MPH

**QS 22: 11:18 AM** *COMPARISON OF SURGICAL RIB FIXATION BETWEEN PATIENTS WITH AND WITHOUT FLAIL CHEST*

Presented by: Alice Piccinini, MD

**QS 23: 11:24 AM** *LAPAROSCOPIC TRANSCYSTIC COMMON BILE DUCT EXPLORATION IMPROVES OUTCOMES IN EMERGENCY GENERAL SURGERY (EGS) PATIENTS WITH CHOLEDOCHOLITHIASIS*

Presented by: John Michel-Ruddy, MD

**QS 24: 11:30 AM** *MULTICENTER VALIDATION OF THE BOWEL INJURY PREDICTION SCORE (BIPS) FOR IDENTIFYING PATIENTS REQUIRING SURGERY*

Presented by: Michael Wandling, MD, MSc

**QS 25: 11:36 AM** *READY FOR PRIME TIME? PGY-5 RESIDENT AUTONOMY AND PERFORMANCE IN EMERGENCY GENERAL SURGERY USING SIMPL CASE EVALUATION DATA*

Presented by: Adam Nelson, MD

**QS 26: 11:42 AM** *DO PATIENTS WITH MINIMAL BLUNT THORACIC AORTIC INJURY (BTAI) REQUIRE TEVAR?*

Presented by: Joseph DuBose, MD

11:48 AM - 12:00 PM

Break

12:00 PM - 1:00 PM

**LUNCH SESSION: ASSOCIATE MEMBER COMMITTEE: "HOW TO BE PRODUCTIVE AND BUILD YOUR ACADEMIC CAREER"**

Ongoing

## POSTERS

GROUP ONE: ABDOMINAL TRAUMA THORACIC TRAUMA

GROUP TWO: CRITICAL CARE

GROUP THREE: EMERGENCY GENERAL SURGERY

GROUP FOUR: EXTREMITY AND VASCULAR TRAUMA

GROUP FIVE: GERIATRICS

GROUP SIX: NEUROLOGIC TRAUMA

GROUP SEVEN: OUTCOMES/GUIDELINES

GROUP EIGHT: PEDIATRIC TRAUMA

GROUP NINE: PRE-CLINICAL/TRANSLATIONAL

GROUP TEN: SHOCK/TRANSFUSIONS

GROUP ELEVEN: SOFT TISSUE/HEAD AND NECK TRAUMA

GROUP TWELVE: THORACIC TRAUMA

GROUP THIRTEEN: TRAUMA EDUCATION AND PREVENTION

GROUP FOURTEEN: TRAUMA SYSTEMS AND EPIDEMIOLOGY

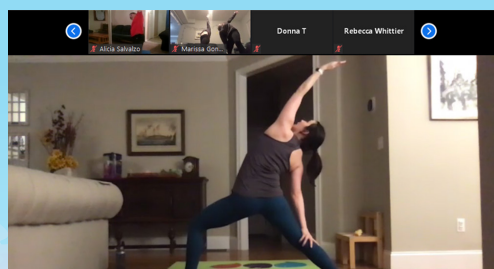
The 2020 schedule is subject to change. Please check the virtual meeting site or AAST website for more information.



# REGISTRATION INFORMATION

CATEGORY	VIRTUAL MEETING RATES
AAST Member	\$400
Non-Member	\$450
Associate Member Jr. Faculty (Must be an AAST Associate Member.)	\$210
Military (Requires letter verifying active duty status.)	\$250
Nurse/Paramedical	\$355
Other	\$355
Resident*	\$0
In-Training Fellow*	\$0
Student*	\$0
Add-On Sessions (for registered attendee; formerly presessions)	\$0
Lunch Sessions (for registered attendee)	\$0
Lunch Session (a la carte) each	\$50
Add-On Sessions (a la carte; formerly presessions) each	\$75
Emergency Surgery Course	\$150 registered/\$175 stand alone
Corporate Representative	\$1500

\* Requires verification letter from department Chairman or program director.



## AAST 2020 SOCIAL EVENTS

**Poker Night\***: Enjoy a few hands of poker with fellow attendees! Put on your best poker face and get ready to win some virtual coin!

**Lunchtime Yoga**: Get your stretch on! Take some “me” time in between sessions by grabbing a mat, getting into some comfy clothes, and zoning out with our yoga instructor!

**Happy Hour\***: It's time to take off those imaginary conference badges and let loose! Join attendees in our happy hour virtual paradise. Leis are optional but encouraged.

**Associate Member Happy Hour\***: Are you interested in joining AAST as an associate member? Are you already a member and looking to meet more of the associate family? Join us for an associate member happy hour!

**Meet the Leadership\***: Come meet and ask questions of the board of managers! Set up in private rooms, you can ask questions about certain board members' journeys, getting involved with AAST, and crazy medical stories from years past.

**Chair Yoga**: Can't wait for the lunchtime yoga session? AAST is providing ten-minute yoga breaks in between presentations! Stretch your shoulders and neck with some chair poses and chair centered stretches.

\* Registration is required ahead of time.

**Check the schedule for times, dates and for additional social events**