

Eastern Association for the Surgery of Trauma (EAST)
33rd Annual Scientific Assembly
SCIENTIFIC SESSIONS

WEDNESDAY, JANUARY 15, 2020

7:30 am-11:15 am Short Courses – Pre-registration Required

Short Course #1

Making the GRADE: The Art and Science of Creating High Quality Practice Management Guidelines

Presented by the EAST Guidelines Committee

Location: Grand Caribbean Ballrooms 1-2

Moderator: George Kasotakis, MD, MPH

Speakers:

7:30 am-7:40 am Introductions & Welcome – John Como, MD, MPH & Shailvi Gupta, MD, MPH

7:40 am-8:00 am Steps Toward Generating a High-Quality PMG using GRADE –
George Kasotakis, MD, MPH & Srinivas Reddy, MD

8:00 am-8:20 am Generating PICO's – Julius Cheng, MD, MPH & Nimit Patel, MD

8:20 am-8:40 am Systematic Literature Search & Abstracts – Hiba Abdel Aziz, MD & Krista Haines, DO

8:40 am-9:00 am Manuscript Review & Data Extraction – John Lunde, DNP, ARNP, TNS &
Brian Williams, MD

9:00 am-9:20 am Creating Recommendations – Rishi Rattan, MD & Kaushik Mukherjee, MD, MSCI

9:20 am-10:00 am RevMan & Introduction to Meta-Analysis – Nikolay Bugaev, MD & Lisa Kodadek, MD

10:00 am-10:40 am Using GRADEpro Software – Jin Ra, MD & Nicole Fox, MD, MPH

10:40 am-11:15 am Small Group Demonstrations of RevMan and GRADEpro Software

Short Course #2

Surgical Research Boot Camp: From Idea to Publication, Funding, and Beyond

Presented by the EAST Research-Scholarship Committee and the EAST Multicenter Trials Committee

Location: Grand Caribbean Ballrooms 3-5

Speakers: Rachael Callcut, MD, MSPH & John Harvin, MD, MS

- Personal development: finding the right mentor, advanced training in basic science/clinical research, identification of a topic and evaluation of the present evidence to identify gaps in knowledge
- Funding opportunities: internal awards, society grants, philanthropic organizations, industry funding
- IRB and Consent
- Creating preliminary data: trauma registry
- Creating preliminary data: surveys
- Creating preliminary data: observational studies
- Creating preliminary data: large dataset research
- Creating preliminary data: multi-center studies
- How to respond to rejection and revisions
- Meet the Researchers, Tips and Tricks for Success

Short Course #3

Prevention is the Best Medicine: Building and Maintaining a High-Quality Injury Prevention Program in Any Setting

Presented by the EAST Injury Control and Violence Prevention Committee & the Society of Trauma Nurses

Location: Grand Caribbean Ballrooms 8-10

Moderators: Courtney Edwards, DNP, MPH, RN, CCRN, CEN, TCRN, NEA-BC & Rachel Rodriguez, MD

Speakers:

Karen Macauley, DHA, Med, BSN, TCRN, CEN - Understanding the STN Recommendations for Injury Prevention Programs Based on Trauma Center Level and Resources

Christine Claborn, MSN, RN, CEN, TCRN - How to Develop Injury Prevention Programs with Low Resources

Jason Higginson, MD, Captain, USN - Military Injury Prevention: Preventing Deaths Outside the Combat Zone

Barbara Barlow, MD, Founder of The Injury Free Coalition - Growing a Multicenter Injury Prevention Program from its Origins in Harlem-Anchored in Research, Education, and Advocacy

WEDNESDAY, JANUARY 15, 2020 continued

Short Course #4

Trauma Quality: A Hands-On Approach to Trauma PI/QA and Multidisciplinary Trauma Peer Review

Presented by the EAST Quality, Safety, and Outcomes Committee

Location: Grand Caribbean Ballrooms 11-12

Facilitators: Kyle Cunningham, MD, MPH, Jose Diaz, MD, Jordan Estroff, MD, Sarah Mattocks, MSN, FNP-C, Jonathan Messing, MSN, ACNP-BC, Babak Sarani, MD, Jason Saucier, MSN, AGACNP-BC, Kevin Schuster, MD, MPH, & Glen Tinkoff, MD

7:30 am-7:35 am Introduction – Jose Diaz, MD & Babak Sarani, MD

Trauma PI QA

7:35 am-7:50 am

The Trauma Outcomes Dashboard & TQIP Metrics for the PI Projects – Sarah Mattocks, MSN, FNP-C & Kevin Schuster, MD, MPH

7:50 am-8:30 am

Group Session: Dashboard and TQIP Reports Review/Table Discussion (Attendees are encouraged to bring institutional dashboards)

8:30 am-8:55 am

Group Presentations: PI Projects (Actionable Correction Strategy Presentations)
Moderators: Kyle Cunningham, MD, Sarah Mattocks, MSN, FNP-C, & Kevin Schuster, MD, MPH

Multidisciplinary Trauma Peer Review Committee

8:55 am-9:05 am

Multidisciplinary Trauma Peer Review Committee – Babak Sarani, MD & Glen Tinkoff, MD

9:05 am-9:35 am

Group Session: Multidisciplinary Trauma Peer Review Committee – Trauma Peer Review Tool

9:35 am-10:10 am

Group Presentations: Case Presentations-Categorizing and Identified Relevant Variances
Moderators: Jordan Estroff, MD, Babak Sarani, MD, & Glen Tinkoff, MD

Medical Peer Review

10:10 am-10:25 am

The Peer Review Intervention – Jose Diaz, MD & Glen Tinkoff, MD

10:25 am-10:55 am

Group Session: Adjudicate Cases Presented Related to Peer-Related Issues Using “Just Culture” Methodology with a sample “Trauma Case Review Tool”/Table Discussion

10:55 am-11:15 am

Group Presentations: Adjudication of Recommendations and Peer-Related Issues Identified Presentations

Moderators: Jose Diaz, MD, Jordan Estroff, MD, & Jonathan Messing, MSN, ACNP-BC

12:00 pm-12:30 pm

Opening Ceremony - Flag Presentation and Opening Remarks

Location: Grand Caribbean Ballroom 7

WEDNESDAY, JANUARY 15, 2020 continued

SCIENTIFIC SESSION I – RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: Elliott R. Haut, MD, PhD & Vijaya T. Daniel, MD, MPH

12:30 pm-2:10 pm

Location: Grand Caribbean Ballroom 7

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|-----------------|----|---|
| 12:30 pm | #1 | TREATMENT OF BLUNT CEREBROVASCULAR INJURIES: ANTICOAGULANTS OR ANTIPLATELETS?
Presenter: Kamil Hanna, MD
Discussant: Laura Kreiner, MD |
| 12:50 pm | #2 | VISCOELASTIC TESTING IN COMBAT RESUSCITATION: TIME FOR A NEW STANDARD?
Presenter: Daniel T. Lammers, MD
Discussant: Lucy Kornblith, MD |
| 1:10 pm | #3 | RIB FIXATION IN GERIATRIC TRAUMA: MORTALITY BENEFITS FOR THE MOST VULNERABLE PATIENTS
Presenter: Roger C. Zhu, MD
Discussant: Jennifer Knight Davis, MD |
| 1:30 pm | #4 | IMPACT OF MARIJUANA ON VENOUS THROMBOEMBOLIC EVENTS: CANNABINOIDS CAUSE CLOTS IN TRAUMA PATIENTS
Presenter: Jack Stupinski, MD
Discussant: Walt Biffi, MD |
| 1:50 pm | #5 | HYPERTONIC SALINE RESUSCITATION IN TRAUMA FOLLOWING DAMAGE CONTROL LAPAROTOMY: DOES IT ATTENUATE INFLAMMATION
Presenter: Patrick M. McCarthy, MD
Discussant: Joseph Fernandez-Moure, MD, MS |
| 2:10 pm-2:30 pm | | Break – Refreshments in the Exhibit Area |

WEDNESDAY, JANUARY 15, 2020 continued

SCIENTIFIC SESSION II – RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: A. Britton Christmas, MD & Woo S. Do, MD

2:30 pm-4:10 pm

Location: Grand Caribbean Ballroom 7

- 2:30 pm #6 SAVE IT - DON'T WASTE IT! MAXIMIZING UTILIZATION OF ERYTHROCYTES FROM PREVIOUSLY STORED WHOLE BLOOD
Presenter: Kasiemobi Pulliam, MD
Discussant: John R. Taylor, III, MD
- 2:50 pm #7 DOXYCYCLINE IMPROVES TRAUMATIC BRAIN INJURY OUTCOMES IN MURINE MODEL
Presenter: Adil J. Malek, MD
Discussant: Jose L. Pascual, MD, PhD
- 3:10 pm #8 VALIDATION OF A NOVEL PARTIAL REBOA DEVICE IN A SWINE HEMORRHAGIC SHOCK MODEL: FINE TUNING FLOW TO OPTIMIZE BLEEDING CONTROL AND REPERFUSION INJURY
Presenter: Dominic M. Forte, MD
Discussant: Letitia Bible, MD
- 3:30 pm #9 INJURY AND SHOCK DRIVEN EFFECTS ON PLATELET AGGREGOMETRY: A CAUTIONARY TALE OF PHENOTYPING
Presenter: Nichole E. Starr, MD, MPH
Discussant: Niels Martin, MD
- 3:50 pm #10 ACTIN IS ASSOCIATED WITH TISSUE INJURY IN TRAUMA PATIENTS AND PRODUCES A HYPERCOAGULABLE PROFILE IN VITRO
Presenter: Julia R. Coleman, MD, MPH
Discussant: Vanessa Nomellini, MD, PhD

End of Raymond H. Alexander, MD Resident Paper Competition

- 4:15 pm-5:15 pm **Opening Keynote – Presidential Address**
EAST Practice Management Guidelines and the Perpetual Quest for Excellence
Elliott R. Haut, MD, PhD, FACS
Location: Grand Caribbean Ballroom 7
- 5:20 pm-6:20 pm **EAST Annual Business Meeting – Open to all EAST Members**
Location: Grand Caribbean Ballroom 7

THURSDAY, JANUARY 16, 2020

7:00 am-8:00 am

No Suit, No Problem Networking Breakfast

Presented by the EAST Career Development Committee

Location: Kingston Hall

8:15 am-9:00 am

EAST Annual Oriens Presentations

Presented by the EAST Career Development Committee

Supported by an unrestricted grant from the Polk Family Charitable Foundation

Location: Grand Caribbean Ballroom 7

8:15 am-8:50 am Keynote Address

Harnessing Your Passion and Connecting to Purpose

Eileen Bulger, MD, FACS

8:50 am-9:00 am 2020 EAST Oriens Essay Presentations

Resident Winner – Mike Mallah, MD

Fellow Winner – Christina Riojas, MD

THURSDAY, JANUARY 16, 2020 continued

QUICK SHOTS PARALLEL SESSION I

Presiding: Mayur Patel, MD, MPH & Callie Thompson, MD

9:00 am-10:00 am

Location: Grand Caribbean Ballroom 7

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|---------|-----|---|
| 9:00 am | #1 | BRAIN INJURY GUIDELINES - MODIFIED ADMISSION CRITERIA (BIG-MAC)
IMPROVED ACCURACY IN TRIAGE FOR PATIENTS WITH TRAUMATIC BRAIN
INJURY
Presenter: Laura Harmon, MD |
| 9:06 am | #2 | NATIONWIDE ANALYSIS OF WHOLE BLOOD HEMOSTATIC RESUSCITATION
IN CIVILIAN TRAUMA
Presenter: Kamil Hanna |
| 9:12 am | #3 | GETTING BETTER WITH TIME? A TEMPORAL ANALYSIS OF THE AORTA
REGISTRY
Presenter: Marko Bukur, MD |
| 9:18 am | #4 | BLUNT CEREBROVASCULAR INJURY SCREENING CRITERIA SHOULD INCLUDE
HIGH SPEED MOTOR VEHICLE CRASHES
Presenter: Ashley Farhat-Sabet, BS |
| 9:24 am | #5 | CONTEMPORARY MANAGEMENT OF TRAUMATIC ESOPHAGEAL INJURIES:
THE RESULTS OF AN EASTERN ASSOCIATION FOR THE SURGERY OF
TRAUMA MULTI-INSTITUTIONAL STUDY
Presenter: Lauren Raff, MD |
| 9:30 am | #6 | DIRECT TO OPERATING ROOM TRAUMA RESUSCITATION: OPTIMIZING
PATIENT SELECTION AND TIME-CRITICAL OUTCOMES WHEN MINUTES
COUNT
Presenter: Amelia Johnson, PA-C |
| 9:36 am | #7 | THERAPEUTIC ANTICOAGULATION IN PATIENTS WITH TRAUMATIC BRAIN
INJURIES AND PULMONARY EMBOLI
Presenter: Amanda M. Chapman, MD |
| 9:42 am | #8 | MASSIVE TRANSFUSION WITH WHOLE BLOOD IS SAFE COMPARED TO
COMPONENT THERAPY
Presenter: Jared Gallaher, MD, MPH |
| 9:48 am | #9 | THE IMPACT OF ANTIPLATELET (AP) AND ANTICOAGULANT(AC)
AGENTS ON OUTCOMES IN GERIATRIC PATIENTS WITH TRAUMATIC BRAIN
INJURY (TBI)
Presenter: Mira Ghneim, MD |
| 9:54 am | #10 | INTO THE WILD AND ONTO THE TABLE - A MULTICENTER ANALYSIS OF
WILDERNESS FALLS
Presenter: Matthew D. Bernard |

THURSDAY, JANUARY 16, 2020 continued

Quick Shots Parallel Session II
Presiding: David Morris, MD & Ruby Skinner, MD

9:00 am-10:00 am

Location: Kingston Hall

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| 9:00 am | #11 | PULL BACK THE CURTAIN: EXTERNAL DATA VALIDATION IS AN ESSENTIAL ELEMENT OF QUALITY IMPROVEMENT BENCHMARK REPORTING
Presenter: Jill L. Jakubus, PA-C |
| 9:06 am | #12 | DISPARITIES IN RURAL VS URBAN FIELD TRIAGE: RISK AND MITIGATING FACTORS FOR UNDERTRIAGE
Presenter: Andrew-Paul Deeb, MD |
| 9:12 am | #13 | ELECTRONIC TRAUMA RESUSCUTATION DOCUMENTATION AND DECISION SUPPORT USING T6 HEALTH SYSTEMS MOBILE APPLICATION: A COMBAT TRAUMA CENTER PILOT PROGRAM
Presenter: Lisa Angotti, MD, MS |
| 9:18 am | #14 | RISK ASSESSMENT FOR INTRA-ABDOMINAL INJURY FOLLOWING BLUNT TRAUMA IN CHILDREN: DERIVATION AND VALIDATION OF A MACHINE LEARNING MODEL
Presenter: Christopher Pennell, MD |
| 9:24 am | #15 | THE ELUSIVE TRAUMA DENOMINATOR: FEASIBILITY OF COMBINING DATASETS TO QUANTIFY THE TRUE BURDEN OF FIREARM INJURY
Presenter: Heather E. Carmichael, MD |
| 9:30 am | #16 | PUTTING A HALT TO UNNECESSARY TRANSFERS: DO PATIENTS WITH ISOLATED SUBARACHNOID HEMORRHAGE NEED A TRAUMA CENTER?
Presenter: Danielle L. DeFoe, DO |
| 9:36 am | #17 | PREHOSPITAL END TIDAL CARBON DIOXIDE PREDICTS MASSIVE TRANSFUSION AND DEATH FROM TRAUMA
Presenter: Eric M. Champion, MD |
| 9:42 am | #18 | MISSION GROUND TIME AND ITS IMPACT ON THE COVERAGE OF FATAL MOTOR VEHICLE INCIDENTS IN ALABAMA
Presenter: Weston A. Smedley, BSc |
| 9:48 am | #19 | THE GERIATRIC TRAUMA PATIENT: A NEGLECTED INDIVIDUAL IN A MATURE TRAUMA SYSTEM
Presenter: Eric H. Bradburn, DO, MS |
| 9:54 am | #20 | CAUSES OF DEATH FOLLOWING DISCHARGE AFTER TRAUMA IN NORTH CAROLINA
Presenter: Mary K. Bryant, BS, MD |
| 10:00 am-10:15 am | | Morning Break – Visit the Exhibit Hall – Grand Caribbean Ballroom 6 |

THURSDAY, JANUARY 16, 2020 continued

10:15 am-11:15 am **Parallel Plenary Session**

2019 Landmark Papers in Acute Care Surgery

Presented by the EAST Manuscript and Literature Review Committee

Location: Grand Caribbean Ballroom 7

Moderator: Martin Zielinski, MD

Landmark Paper Presentations:

April Grant, MD - Adult Trauma-EAST Manuscript and Literature Review Committee

Christian Streck, Jr., MD - Pediatric Trauma-Pediatric Trauma Society

Travis Polk, MD - Military Trauma-EAST Military Committee

Hassan Mashbari, MD - Injury Prevention-EAST Injury Control and Violence Prevention Committee

Callie Thompson, MD - Burn Surgery-EAST Burn Surgery Ad Hoc Task Force

Alexandra Briggs, MD - Surgical Critical Care-EAST Manuscript and Literature Review Committee

Rondi Gelbard, MD - Emergency General Surgery-EAST Emergency General Surgery Committee

Asanthi Ratnasekera, DO - Mentorship-EAST Mentoring Committee

Tanya Zakrisson, MD, MPH - Equity in Trauma-EAST Equity, Quality, and Inclusion in Trauma Surgery Practice Ad Hoc Task Force

Andrea Pakula, MD, MPH - Emerging Tech-EAST Minimally Invasive Surgery & Emerging Technologies Ad Hoc Task Force

Jose Pascual, MD, PhD - Quality, Safety and Outcomes - EAST Quality, Safety and Outcomes Committee

10:15 am-11:15 am **Parallel Plenary Session**

Injury Prevention Advocacy: How to Find Your Voice

Presented by the EAST Injury Control and Violence Prevention Committee

Location: Kingston Hall

Trauma is the leading cause of death for people up to age 45 and remains the fourth leading cause of death for all ages. Trauma, by definition, is preventable. As trauma surgeons, our career is devoted to helping people recover from injury, but our unique perspective is essential to an understanding of the risk factors for injury, understanding the impact to society, and helping people to understand why injury prevention is necessary. Unfortunately, many physicians may be unsure of how to approach advocacy or to visualize what alternative career paths exist in the fields of advocacy and public policy. Finally, certain employers may place or suggest restrictions on how physicians can use their voice, particularly in politically charged topics such as violence prevention.

This course aims to guide healthcare providers who wish to be involved in injury prevention advocacy. This course will clarify the legal questions for physicians engaging with legislators, provide effective strategies for presenting a message effectively, and discuss pathways for physicians interested in public policy and advocacy.

Moderator: Rachel Rodriguez, MD

Speakers:

Amy Liepert, MD – Understanding Advocacy, Lobbying, and How to Navigate the Environment as a Physician

Kyle Fischer, MD – Pathways to Become Involved in Advocacy

Ross Goldberg, MD – Advocacy at the National Level

THURSDAY, JANUARY 16, 2020 continued

QUICK SHOTS PARALLEL SESSION III

Presiding: Kyle Cunningham, MD, MPH & Brian Williams, MD

11:15 am-12:15 pm

Location: Grand Caribbean Ballroom 7

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| 11:15 am | #21 | RELATIONSHIP OF BODY MASS INDEX, SERUM CREATINE KINASE, AND ACUTE KIDNEY INJURY AFTER SEVERE TRAUMA
Presenter: Charles R. Vasquez, MD |
| 11:21 am | #22 | CAN EDUCATIONAL VIDEOS REDUCE OPIOID CONSUMPTION IN TRAUMA INPATIENTS? A CLUSTER-RANDOMIZED PILOT STUDY
Presenter: Esther S. Tseng, MD |
| 11:27 am | #23 | THE SCALES OF RECOVERY: BALANCING POSTTRAUMATIC STRESS WITH RESILIENCY IN THE VIOLENTLY INJURED
Presenter: Andrew Wheeler, LCSW |
| 11:33 am | #24 | RACIAL INEQUALITY IN THE TRAUMA OF WOMEN: A DISPROPORTIONATE DECADE
Presenter: Shawn Izadi, BS |
| 11:39 am | #25 | DOWNSTREAM EFFECTS OF A COMPREHENSIVE TRAUMA RECOVERY SERVICES PROGRAM
Presenter: Vanessa Ho, MD, MPH |
| 11:45 am | #26 | FEASIBILITY OF A TRAUMA QUALITY OF LIFE FOLLOW UP CLINIC
Presenter: Colleen M. Trevino, NP, PhD |
| 11:51 am | #27 | MAKING THE NEWS: VICTIM CHARACTERISTICS ASSOCIATED WITH MEDIA REPORTING ON FIREARM VIOLENCE
Presenter: Elinore J. Kaufman, MD |
| 11:57 am | #28 | FLAIM: A DEEP NEURAL NETWORK (DNN) BASED APPROACH TO EARLY PREDICT MORTALITY IN TRAUMA PATIENTS ADMITTED TO THE ICU
Presenter: Fahad S. Ahmed, MD |
| 12:03 pm | #29 | DEATHS FOLLOWING WITHDRAWAL OF LIFE SUSTAINING THERAPY REPRESENT OPPORTUNITIES FOR QUALITY IMPROVEMENT
Presenter: Matthew P. Guttman, MD |
| 12:09 pm | #30 | NO NEWS IS GOOD NEWS? THE 3-YEAR MORTALITY RATES OF OCTOGENARIAN AND NONAGENARIAN PATIENTS FOLLOWING EMERGENCY GENERAL SURGERY
Presenter: John Hwabejire, MD, MPH |

THURSDAY, JANUARY 16, 2020 continued

QUICK SHOTS PARALLEL SESSION IV

Presiding: Brian Gavitt, MD, MPH & Christina Riojas, MD

11:15 am-12:15 pm

Location: Kingston Hall

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| 11:15 am | #31 | IDENTIFICATION OF A NEW GENETIC VARIANT ASSOCIATED WITH CHOLECYSTITIS: A MULTICENTER GENOME-WIDE ANALYSIS
Presenter: Apostolos Gaitandis, MD |
| 11:21 am | #32 | ASSOCIATION BETWEEN HOSPITAL LEVEL COMPUTED TOMOGRAPHY RESOURCES AND OUTCOMES FOR ACUTE ABDOMEN
Presenter: Kevin Ricci, MD, MS |
| 11:27 am | #33 | THE BURDEN OF ENTEROCUTANEOUS FISTULA AFTER EMERGENCY SURGERY DISCHARGE: MORTALITY AND READMISSION RATES
Presenter: Justin Hatchimonji, MD, MBE |
| 11:33 am | #34 | ADMISSION PREDICTORS OF MORTALITY AND LIMB LOSS FOLLOWING NECROTIZING SOFT TISSUE INFECTION
Presenter: Dara L. Horn, MD |
| 11:39 am | #35 | PLATELET DYSFUNCTION IN PATIENTS WITH TRAUMATIC INTRACRANIAL HEMORRHAGE: DO DESMOPRESSIN AND PLATELET THERAPY HELP OR HARM?
Presenter: Nina Glass, MD |
| 11:45 am | #36 | EARLY COGNITIVE IMPAIRMENT IS COMMON AFTER INTRACRANIAL HEMORRHAGE WITH MILD TRAUMATIC BRAIN
Presenter: Areg Grigorian, MD |
| 11:51 am | #37 | VENOUS THROMBOEMBOLISM FOLLOWING PENETRATING FEMORAL AND POPLITEAL ARTERY INJURIES: AN OPPORTUNITY FOR INCREASED PREVENTION
Presenter: Odessa Pulido, DO |
| 11:57 am | #38 | TO ANGIO OR NOT TO ANGIO: AN ANALYSIS FROM THE AAST PROOVIT STUDY GROUP
Presenter: Ahmed F. Khouqeer, MD |
| 12:03 pm | #39 | VALIDATION OF HEART RATE VARIABILITY AS A MEASUREMENT OF REAL-TIME SURGEON STRESS
Presenter: Johnathan R. Kent, MD |
| 12:09 pm | #40 | AUTOLOGOUS SKIN CELL SUSPENSION REDUCES LENGTH OF STAY FOR BURN INJURIES
Presenter: Blake J. Platt, MD, MHS |
| 12:15 pm-1:30 pm | | Grab & Go Lunch |

THURSDAY, JANUARY 16, 2020 continued

PARALLEL SCIENTIFIC SESSION III-A – EAST MULTICENTER TRIALS

Presiding: Sandra DiBrito, MD, PhD & Jeffry Nahmias, MD, MHPE

1:45 pm-3:45 pm

Location: Grand Caribbean Ballroom 7

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| 1:45 pm | #11 | COLORECTAL RESECTION IN EGS – AN EAST MCT
Presenter: Brittany Aicher, MD
Discussant: Amy Rushing, MD |
| 2:05 pm | #12 | TEMPORARY INTRAVASCULAR SHUNTS AFTER CIVILIAN ARTERIAL INJURY:
A PROSPECTIVE, MULTICENTER EAST STUDY
Presenter: Lily Tung, MD
Discussant: David Skarupa, MD |
| 2:25 pm | #13 | ASSOCIATION OF TXA WITH VENOUS THROMBOEMBOLISM IN BLEEDING
TRAUMA PATIENTS: AN EAST MULTICENTER STUDY
Presenter: Lisbi Rivas, MD
Discussant: Mark Hoofnagle, MD, PhD |
| 2:45 pm | #14 | TIMING AND VOLUME OF CRYSTALLOID AND BLOOD PRODUCTS IN
PEDIATRIC TRAUMA- AN EAST PROSPECTIVE MULTICENTER STUDY
Presenter: Stephanie F. Polites, MD, MPH
Discussant: Terri Elsbernd, MS, RN, CEN, CPEN |
| 3:05 pm | #15 | PROSPECTIVE VALIDATION OF THE EMERGENCY SURGERY SCORE (ESS) IN
EMERGENCY GENERAL SURGERY: AN EAST MULTICENTER STUDY
Presenter: Haytham Kaafarani, MD, MPH
Discussant: Linda Dultz, MD, MPH |
| 3:25 pm | #16 | DELERIUM AND USE OF REGIONAL ANALGESIA TECHNIQUES IN OLDER
ADULTS WITH MULTIPLE RIB FRACTURES: AN EAST MULTICENTER STUDY
Presenter: Kathleen M. O'Connell, MD
Discussant: Nimit Patel, MD |

THURSDAY, JANUARY 16, 2020 continued

**PARALLEL SCIENTIFIC SESSION III-B –
COX-TEMPLETON INJURY PREVENTION PAPER COMPETITION**

Presiding: Hee Soo Jung, MD & Alison A. Smith, MD, PhD

1:45 pm-3:45 pm

Location: Kingston Hall

- 1:45 pm #17 SURVIVORS OF GUN VIOLENCE AND THE EXPERIENCE OF RECOVERY:
UNDERSERVED, UNDERDIAGNOSED, AND UNDERTREATED COMMUNITIES
Presenter: Kathleen O’Neill, MD
Discussant: Sarah Mattocks, MSN, FNP-C
- 2:05 pm #18 DUSK TO DAWN: EVALUATING THE EFFECT OF A HOSPITAL BASED YOUTH
VIOLENCE PREVENTION PROGRAM ON YOUTHS’ PERCEPTION OF RISK
Presenter: Brooke Snyder, BA
Discussant: Krista Haines, DO
- 2:25 pm #19 IDENTIFYING PARTICIPANTS FOR INCLUSION IN HOSPITAL BASED VIOLENCE
INTERVENTION: AN ANALYSIS OF 18 YEARS OF URBAN FIREARM RECIDIVISM
Presenter: Stephanie Bonne, MD
Discussant: Randi Smith, MD, MPH
- 2:45 pm #20 HEROES IN CRISIS: TRAUMA CENTERS SHOULD BE SCREENING FOR AND
INTERVENING ON POST-TRAUMATIC STRESS IN OUR EMERGENCY
RESPONDERS
Presenter: Leah C. Tatebe, MD
Discussant: Jennifer Hartwell, MD
- 3:05 pm #21 THE HOMELESS PEDESTRIAN: A NEW CATEGORY OF VULNERABLE
ROAD USER
Presenter: Rebecca E. Plevin, MD
Discussant: Laurie J. Punch, MD
- 3:25 pm #22 DO RIDE SHARING SERVICES AFFECT THE INCIDENCE OF ALCOHOL-RELATED
MOTOR VEHICLE COLLISIONS?
Presenter: Vera Hendrix, MD
Discussant: Jon Dorfman, MD

End of Cox-Templeton Injury Prevention Paper Competition

3:45 pm-4:00 pm Break – Visit the Exhibit Hall – Grand Caribbean Ballroom 6

THURSDAY, JANUARY 16, 2020 continued

4:00 pm-5:20 pm

Parallel Plenary Session

Trauma, Emergency, and Humanitarian Surgery in Austere Settings: Cases, Ethical Conundrums, and Compromises

Presented by the EAST Military Committee and EAST Emergency General Surgery Committee

Location: Grand Caribbean Ballroom 7

Moderators: Stephanie Streit, MD and D. Dante Yeh, MD

Speakers/Panelists:

Kathleen O'Connell, MD – Setting the Stage: Moral/Ethical Challenges and Distress in ANY Setting

Stephanie Streit, MD – Winning the Battle but Losing the War: When the Survivable is Unlivable

Matthew Martin, MD – Pediatric Emergencies Treated in an Adult Tent: Shifting Sands & Standards of Care

Jon Simmons, MD – When the Bleeding Hasn't Stopped, But the Blood Products Have

Haytham Kaafarani, MD, MPH – Bringing a Knife to a Gunfight: Working in the High-Risk Surgical Setting

Alec Beekley, MD – Surgical Care for VIPs – Very Important Prisoners! – Autonomy, Beneficence, Privacy, & Detainee Care Conflicts

Allan Peetz, MD - Panelist

4:00 pm-5:20 pm

Parallel Plenary Session

Traditional Surgical M&M vs. Just Culture Principles: A Better Way to Learn from Our Mistakes

Presented by the EAST Quality, Safety, and Outcomes Committee

Location: Kingston Hall

Moderator: Scott Armen, MD

Speakers:

Carrie Sims, MD – The Surgical M & M Process

Andrew Bernard, MD – The *Just Culture* Approach

Nicole Stassen, MD– Introducing *Just Culture* into Surgical M&M

Panel Discussion – Andrew Bernard, MD, Carrie Sims, MD, Nicole Stassen, MD, & Glen Tinkoff, MD

FRIDAY, JANUARY 17, 2020

7:00 am-7:40 am

EAST Awards Ceremony & Recognition

Location: Grand Caribbean Ballroom 7

EAST Awards Ceremony & Recognition & Gavel Exchange

Open to all meeting attendees

- EAST Milestone Donors Recognition
- EAST Mentor Recognition
- Raymond H. Alexander, MD Resident Paper Competition
- Best Manuscript Award
- EAST Oriens Award
- John P. Pryor, MD Distinguished Service in Military Casualty Care Award
- John M. Templeton, Jr., MD Military Call to Service Scholarship
- Cox-Templeton Injury Prevention Paper Award
- 2020 John M. Templeton, Jr., MD Injury Prevention Research Scholarship
- 2020 Trauma Research Scholarship
- 2020 Multicenter Trials Junior Investigator Award
- 2019 Health Policy and Management Scholarship Recipient
- 2019 Leadership Agility Program Scholarship Recipients
- 2019 Promising Leaders Program Scholarship Recipient
- 2020 Society of Trauma Nurses/EAST Nurse Fellow Recipient
- 2020 Leadership Development Workshop Scholarship Recognition

PARALLEL SCIENTIFIC SESSION IV-A – RESUSCITATION & TRANSFUSION

Presiding: George Kasotakis, MD, MPH & Stephanie Savage, MD, MS

7:45 am-9:45 am

Location: Grand Caribbean Ballroom 7

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| 7:45 am | #23 | BLOOD-BASED BIOMARKERS FOR PREDICTION OF INTRACRANIAL HEMORRHAGE AND OUTCOME IN PATIENTS WITH MODERATE OR SEVERE TRAUMATIC BRAIN INJURY
Presenter: Taylor Anderson, BS
Discussant: Michael Goodman, MD |
| 8:05 am | #24 | PLATELET TRANSFUSIONS DO NOT CORRECT TRAUMA INDUCED PLATELET DYSFUNCTION
Presenter: Madhu Subramanian, MD
Discussant: Nicole Krumrei, MD |
| 8:25 am | #25 | HEMOSTATIC POTENTIAL OF COLD-STORED WHOLE BLOOD OVER TIME: AN ASSESSMENT OF PLATELET FUNCTION AND THROMBIN GENERATION FOR OPTIMAL SHELF-LIFE
Presenter: Scott Assen, MD
Discussant: David Morris, MD |
| 8:45 am | #26 | OVERTRANSFUSION COMES AT A SIGNIFICANT COST: THE DOSE-DEPENDENT RELATIONSHIP BETWEEN BLOOD TRANSFUSIONS AND INFECTIONS AFTER MAJOR TRAUMA
Presenter: Charlie Nederpelt, BSc
Discussant: Mark Seamon, MD |
| 9:05 am | #27 | MASSIVE TRANSFUSION AND THE RESPONSE TO PREHOSPITAL PLASMA: IT IS ALL IN HOW YOU DEFINE IT
Presenter: Edward Sim, MD
Discussant: John Harvin, MD |
| 9:25 am | #28 | VITAMIN C IS ASSOCIATED WITH LACTATE CLEARANCE AND SURVIVAL IN SEPSIS
Presenter: Saskya Byerly, MD
Discussant: Tanya Anand, MD, MPH |

FRIDAY, JANUARY 17, 2020 continued

PARALLEL SCIENTIFIC SESSION IV-B – ACUTE CARE SURGERY

Presiding: Rondi Gelbard, MD & Kevin Schuster, MD, MPH

7:45 am-9:45 am

Location: Kingston Hall

- 7:45 am #29 DIAPHRAGM ULTRASOUND: A NOVEL APPROACH TO ASSESSING PULMONARY RESERVE
Presenter: Sean Randazzo, BS
Discussant: Charity Evans, MD, MS
- 8:05 am #30 INFECTIOUS COMPLICATIONS AFTER EMERGENCY GENERAL SURGERY: A STATE-WIDE COLLABORATIVE EXPERIENCE & ASSOCIATION WITH PATIENT CARE MODELS
Presenter: Kathleen To, MD
Discussant: Vanessa Ho, MD, MPH
- 8:25 am #31 OBESITY STARTS EARLY AFTER COMBAT AMPUTATION AND COMES WITH THE RISK OF MULTIPLE CO-MORBIDITIES
Presenter: Robert Conrad, MD
Discussant: Stephanie Streit, MD
- 8:45 am #32 USE OF GEOGRAPHIC INFORMATION SYSTEMS (GIS) SOFTWARE TO MAP HOTSPOTS FOR PENETRATING INJURIES AND IMPROVE LOCATION SELECTION FOR STOP THE BLEED INTERVENTIONS
Presenter: Chase Knickerbocker, MD, MHP
Discussant: Evan Wong, MD, MPH
- 9:05 am #33 DO EARLY NON-STEROIDAL ANTI-INFLAMMATORY DRUGS FOR ANALGESIA WORSEN ACUTE KIDNEY INJURY AFTER SEVERE TRAUMA? A PROPENSITY SCORE ANALYSIS
Presenter: Gabrielle Hatton, MD
Discussant: Zaffer Qasim, MBBS
- 9:25 am #34 SIMULATION-BASED OBJECTIVE STRUCTURED CLINICAL EXAMINATION (OSCE) FOR THE EVALUATION AND TRAINING OF ADVANCED SURGICAL SKILLS IN TRAUMA
Presenter: Pablo Achurra, MD
Discussant: Hee Soo Jung, MD

10:00 am-11:00 am **Parallel Plenary Session**

Equity on the Front Lines of Trauma Surgery: An #EAST4ALL Roundtable

Presented by the EAST Equity, Quality, and Inclusion in Trauma Surgery Practice Ad Hoc Task Force

Location Grand Caribbean Ballroom 7

Moderators: Andrew Bernard, MD & D'Andrea Joseph, MD

10:00 am-10:02 am Introduction – Stephanie Bonne, MD

10:02 am-10:10 am EAST4ALL Survey Results – Esther Tseng, MD & Brandon Bruns, MD

10:10 am-10:50 am Case Presentations and Panel Discussion

- Case 1 – The Customer is Always Right?: Responding to Racial Bias from a Patient
- Case 2 – Equal Work for Equal Pay?: Addressing the Gender Pay Gap
- Case 3 – Moving from the Unconscious to Heightened Consciousness: Microaggressions, Implicit Bias, and Macro Policy
- Case 4 – Righteous Indignation or Angry Mob?: Social Justice versus Social Media

10:50 am-11:00 am Introduction of the EAST4All Toolkit – Rondi Gelbard, MD & Mark Hoofnagle, MD, PhD

Panel–Stephanie Bonne, MD, Bellal Joseph, MD, Julie Freischlag, MD, Nicole Goulet, MD, Cathleen Khandelwal, MD, Deborah Stein, MD, MPH & Brian Williams, MD

FRIDAY, JANUARY 17, 2020 continued

10:00 am-11:00 am **Parallel Plenary Session**

Next Generation Pediatric Trauma Management

*Presented by the EAST Guidelines Committee and the Pediatric Trauma Society
Location Kingston Hall*

Moderator: Christian Streck, Jr., MD

Speakers:

Christian Streck, Jr., MD – Identifying Children at Very Low Risk for Intra-Abdominal Injury

John Draus, MD – PTS/EAST Recommendations for Management of Stable Pediatric Blunt Renal Trauma

Regan Williams, MD, MSE – Updated American Pediatric Surgical Association Blunt Liver & Spleen Injury Guideline

John Petty, MD – Prophylaxis Against Venous Thromboembolism in Pediatric Trauma

Adam Vogel, MD – Massive Transfusion Protocols in Children

11:15 am-12:00 pm **Closing Keynote - Scott B. Frame, MD Memorial Lecture**

Ensuring Patient Trust

Julie A. Freischlag, MD, FACS

Location: Grand Caribbean Ballroom 7

1:00 pm-2:15 pm **Parallel Plenary Session**

Engage the Masters

Presented by the EAST Career Development Committee

Location: Grand Caribbean Ballroom 7

Moderators: Jennifer Knight Davis, MD, Stefan Leichtle, MD, Jessica Summers, MD, Bryce Robinson, MD, MS, & Edgardo Salcedo, MD

Masters: Martin Croce, MD, Kimberly Davis, MD, MBA, & David Shatz, MD

Case Presentations:

Leah Tatebe, MD – Stuck Between a Saw and a Hard Place

Ronnie Mubang, MD – Management of Complex Polytrauma

Chance Nichols, MD – Combined Liver, Colon and Pancreas Injuries Complicated by Pulmonary Embolism

1:00 pm-2:15 pm **Parallel Plenary Session**

EAST Master Class Video Session

Presented by the EAST Annual Scientific Assembly Program Committee

Location: Kingston Hall

Moderators: Matthew Lissauer, MD, Niels Martin, MD & Adrian Maung, MD

Surgical Videos

- Exposure of the Abdominal Aorta and Visceral Branches for Hemorrhage Control – Zachary Warriner, MD, LAC+USC Medical Center
- Big Colon Surgery, Little Incisions: Minimally Invasive Techniques in Emergent Colon Surgery – Dominic Forte, MD, Scripps Mercy Hospital Trauma Service
- Incarcerated Paraesophageal Hernia and Gastric Volvulus: Management Options for the Acute Care Surgeon – Kenneth Conley Coleman, DO, West Virginia University
- Kids, Cameras, and Acute Care: Minimally Invasive Management in Pediatric Emergency General Surgery – Christopher Behr, MD, UPMC Children's Hospital of Pittsburgh
- A Novel Approach to Rib Fracture-Associated Pain: ON-Q® Painbuster Tunneling Catheter Placement Technique – Michael Truitt, MD, Methodist Dallas Medical Center

FRIDAY, JANUARY 17, 2020 continued

2:30 pm-4:30 pm **Parallel Plenary Session**

Practice Management Guidelines (PMGs)

Presented by the EAST Guidelines Committee

Location: Grand Caribbean Ballroom 7

Moderators: John J. Como, MD, MPH & Nicole Fox, MD, MPH

PMGs scheduled to be presented (*subject to change*):

Emergency General Surgery

- Management of Acute Lower Gastrointestinal Bleeding-Rondi Gelbard, MD
- Management of Gallbladder Disease in Pregnancy-Jaswin Sawhney, MD

Surgical Critical Care

- Management of Pleural Effusion in Ventilator-Dependent Critical Care Patients-William Chiu, MD
- Endotracheal Intubation Following Trauma-John Lunde, DNP, ARNP, TNS

Trauma

- Renal Trauma-Hiba Abdel Aziz, MD
- Open Abdomen Management-Eric Mahoney, MD
- Hemothorax Management-Nimitt Patel, MD
- Utilization of Thromboelastography in Acutely Bleeding Trauma & Critically Ill Surgical Patients-Nikolay Bugaev, MD
- Treatment of Traumatic Rhabdomyolysis-Jaswin Sawhney, MD

2:30 pm-4:30 pm **Parallel Plenary Session**

You Have Entered the Twilight Zone Part II – Dollars & Sense: Financial Planning from Start to Finish: Late Career & Retirement Success for Surgeons

Presented by the EAST Mentoring Committee and the Seniors Committee

Location: Grand Caribbean Ballrooms 8-10

Moderators: Thomas Duncan, DO & Ronald Gross, MD

Speakers:

Jake Whipp, MBA – Financial Planning Strategy in Stages

Benjamin Fairchild, MBA, CPA & Mia West – Tax Panning and Tips: How Taxing are the Tax Laws?

Panel Discussion

Early-Career Surgeon – Jamie Coleman, MD

Mid-Career Surgeon – Thomas Duncan, DO

Late-Career Surgeon – Ronald Gross, MD

Benjamin Fairchild, MBA, CPA

Mia West

Jake Whipp, MBA

4:30 pm Scientific Program Adjourns