

Eastern Association for the Surgery of Trauma (EAST)
35th Annual Scientific Assembly
SCIENTIFIC SESSIONS

WEDNESDAY, JANUARY 12, 2022

SCIENTIFIC SESSION I

RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: Jeffrey A. Claridge, MD, MS & Alexandra Dixon, MD

8:30 am-10:00 am

Location: JW Grand Salon 5-6

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| 8:30 am | #1 | DON'T FORGET THE PLATELETS: BALANCED TRANSFUSION AND THE INDEPENDENT IMPACT OF RBC/PLT RATIO ON MORTALITY IN MASSIVELY TRANSFUSED TRAUMA PATIENTS
Presenter: Ander Dorken Gallastegi, MD
Discussant: Jordan Liliestein, MD |
| 8:45 am | #2 | PLASMA RESUSCITATION IMPROVES AND RESTORES INTESTINAL MICROCIRCULATORY PHYSIOLOGY FOLLOWING HEMORRHAGIC SHOCK
Presenter: Jessica Schucht, MD, PhD
Discussant: Jennifer Leonard, MD, PhD |
| 9:00 am | #3 | FIBRINOGEN SUPPLEMENTATION FOR TRAUMA PATIENTS: SHOULD YOU CHOOSE FIBRINOGEN CONCENTRATE OVER CRYOPRECIPITATE?
Presenter: Omar Obaid, MD
Discussant: Justin Dvorak, MD |
| 9:15 am | #4 | PERSISTENT BLUNTING OF NEUTROPHIL MOBILIZATION TO THE BLOOD-BRAIN BARRIER BY BETABLOCKADE WEEKS AFTER TBI – AN IN VIVO STUDY
Presenter: Alfonso Lopez, MD
Discussant: Tatiana Cardenas, MD, MS |
| 9:30 am | #5 | EFFECTS OF ANTI-FIBRINOLYTIC THERAPY ON SYSTEMIC AND NEUROINFLAMMATION AFTER TRAUMATIC BRAIN INJURY
Presenter: Taylor Wallen, MD
Discussant: Jeremy H. Levin, MD |
| 9:45 am | #6 | WHOLE BLOOD RESUSCITATION IN TRAUMA REGULATES CALCIUM HOMEOSTASIS AND MINIMIZES SEVERE HYPOCALCEMIA SEEN WITH COMPONENT THERAPY
Presenter: Chad Hall, MD
Discussant: Tanya Anand, MD, MPH |
| 10:00 am-10:30 am | | Break – Refreshments in the Exhibit Area |

WEDNESDAY, JANUARY 12, 2022 continued

SCIENTIFIC SESSION II

RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: A. Britton Christmas, MD, MBA & James P. Byrne, MD, PhD

10:30 am-12:00 pm

Location: JW Grand Salon 5-6

- 10:30 am #7 BEYOND PAIN AND DISABILITY: THE LASTING EFFECTS OF TRAUMA ON LIFE AFTER INJURY
Presenter: Justin Hatchimonji, MD, MBE
Discussant: Anne Stey, MD, MSc
- 10:45 am #8 A POPULATION-BASED ANALYSIS OF TRAUMA ACCESS: DO NEW TRAUMA CENTERS PROVIDE NEEDED OR REDUNDANT ACCESS?
Presenter: Alexandra C. Ferre, MD
Discussant: John W. Scott, MD, MPH
- 11:00 am #9 ULTRASOUND SAFELY REPLACES CHEST RADIOGRAPH AFTER TUBE THORACOSTOMY REMOVAL IN TRAUMA PATIENTS
Presenter: M. Victoria P. Miles, EMT-P, MD
Discussant: Sarah Lombardo, MD, MSc
- 11:15 am #10 NOT ALL IS LOST: FUNCTIONAL RECOVERY IN OLDER ADULTS FOLLOWING EMERGENCY GENERAL SURGERY
Presenter: Matthew P. Guttman, MD
Discussant: Catherine Sharoky, MD, MS
- 11:30 am #11 OUTCOMES AFTER EMERGENCY GENERAL SURGERY AND TRAUMA CARE IN INCARCERATED INDIVIDUALS: AN EAST MULTI-CENTER STUDY
Presenter: Mary K. Bryant, BS, MD
Discussant: Adam Nelson, MD
- 11:45 am #12 MACHINE LEARNING AND MURINE MODELS EXPLAIN FAILURES OF CLINICAL SEPSIS TRIALS
Presenter: Allan E. Stolarski, MD, MS
Discussant: Christopher A. Guidry, MD

End of Raymond H. Alexander, MD Resident Paper Competition

WEDNESDAY, JANUARY 12, 2022 continued

1:15 pm-2:15 pm

Location: JW Grand Salon 5-6

Active Wellness: Taking Control of Your Well-Being

Presented by the EAST Career Development Committee

Surgeons reporting burnout has increased to over 50% of respondents. The process of making choices toward a fulfilling and healthy lifestyle may combat this trend. This session will highlight techniques and concepts to improve well-being. Items discussed will include operating room ergonomics, psychological capital, positive leadership and leading toward wellness.

Moderators: Joseph Stirparo, MD, MBA & Salina Wydo, MD

Speakers:

Jennifer Hartwell, MD – Positive Leadership

Shannon Calhoun Eastham, MD – Psychological Capital

Laszlo Kiraly, MD – A Healthy Operating Room

Michael Pasquale, MD – Leading Toward Wellness

2:15 pm-2:30 pm Break – Refreshments in the Exhibit Area

2:30 pm-3:30 pm

Location: JW Grand Salon 5-6

Opening Keynote – Presidential Address

We're A Trauma Center: Go Big AND (not or) Go Home!

Jeffrey A. Claridge, MD, MS, FACS

3:45 pm pm-4:45 pm

Location: JW Grand Salon 5-6

Improving Evidence-Based Practice: EAST Guidelines of the Year!

Presented by the EAST Guidelines Committee

Moderators: George Kasotakis, MD & Lisa Kodadek, MD

Guidelines to be presented (subject to change)

- Hinchey Stage III and IV Diverticulitis: Primary Anastomosis versus Hartmann's Procedure – Nikolay Bugaev, MD
- Rib Fractures in Elderly – Kaushik Mukherjee, MD, MSCI
- Management of Ingested Foreign Bodies – Danielle Detelich, MD
- Role of Laparoscopy in Small Bowel Obstruction – Benjamin Johnson, MD

5:00 pm-6:00 pm

EAST Annual Member Forum – Open to all EAST Members

Location: JW Grand Salon 5-6

THURSDAY, JANUARY 13, 2022

7:45 am-8:45 am

No Suit, No Problem Networking Breakfast

Presented by the EAST Career Development Committee

Location: Griffin Hall

QUICK SHOTS PARALLEL SESSION I

Presiding: Travis Polk, MD & Carrie Valdez, MD

9:00 am-10:00 am

Location: JW Grand Salon 5-6

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| 9:00 am | #1 | SOCIAL DETERMINANTS OF HEALTH SCREENING AMONG ADULTS WITH TRAUMATIC INJURIES: A PILOT QUALITY IMPROVEMENT INITIATIVE
Presenter: Laura Baumann, MD |
| 9:06 am | #2 | LIMITED ENGLISH PROFICIENCY AND MORBIDITY AND MORTALITY AFTER TRAUMA
Presenter: Maria Castro, BS |
| 9:12 am | #3 | CENTER FOR TRAUMA SURVIVORSHIP IMPROVES POST-DISCHARGE FOLLOW-UP AND RETENTION
Presenter: Carma Goldstein, MD |
| 9:18 am | #4 | “WE’RE PLAYING ON THE SAME TEAM”: DISCONNECTIONS AND CONNECTIONS OF COMMUNICATION BETWEEN TRAUMA PATIENTS AND SURGICAL RESIDENTS
Presenter: Anna K. Huang, BA |
| 9:24 am | #5 | VIRTUAL HYBRID MODEL OF HOSPITAL-BASED VIOLENCE PREVENTION PROGRAM AS EFFECTIVE AS IN-PERSON MODEL
Presenter: Charity Evans, MD, MS |
| 9:30 am | #6 | THE VALUE OF COMPASSION: HEALTHCARE SAVINGS OF PALLIATIVE CARE CONSULTS IN TRAUMA
Presenter: Audrey L. Spencer, MD |
| 9:36 am | #7 | NFTI IS THRIFTY: NEED FOR TRAUMA INTERVENTION (NFTI) CRITERIA ARE SUPERIOR TQIP MODELING FOR POST-INJURY OUTCOMES
Presenter: David M. Rosenberg, MS |
| 9:42 am | #8 | CORRELATION OF RELATIVE VALUE UNIT REIMBURSEMENT WITH HOSPITAL LENGTH OF STAY IN TRAUMA SURGERY
Presenter: Eden K. Hunt, MD |
| 9:48 am | #9 | A MULTICENTER EVALUATION ON THE IMPACT OF NON-THERAPEUTIC TRANSFER IN RURAL TRAUMA
Presenter: James M. Bardes, MD |
| 9:54 am | #10 | A MULTICENTER VALIDATION OF THE MODIFIED BRAIN INJURY GUIDELINES: ARE THEY SAFE AND EFFECTIVE?
Presenter: Abid Khan, MD |

THURSDAY, JANUARY 13, 2022 continued

Quick Shots Parallel Session II

Presiding: Jamie Coleman, MD & David Morris, MD

9:00 am-10:00 am

Location: JW Grand Salon 1-4

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| 9:00 am | #11 | RECOMBINANT COAGULATION FACTOR SYNTHESIS VIA CRISPR-CAS9 TARGETED GENE OVEREXPRESSION
Presenter: Daniel T. Lammers, MD |
| 9:06 am | #12 | THE MOUSE POLYTRAUMA MODEL REPLICATES PHENOTYPE OF HYPERCOAGULABILITY AFTER TRAUMA
Presenter: Mark Hoofnagle, MD, PhD |
| 9:12 am | #13 | THE IMPACT OF PRE-HOSPITAL WHOLE BLOOD ON HEMORRHAGING TRAUMA PATIENTS: A MULTI-CENTER RETROSPECTIVE STUDY
Presenter: Maxwell A. Braverman, DO |
| 9:18 am | #14 | PLASMA THROMBIN GENERATION KINETICS IN TRAUMA PATIENTS ACROSS THE AGE SPECTRUM
Presenter: Julie Goswami, MD |
| 9:24 am | #15 | TRANEXAMIC ACID IS NOT ASSOCIATED WITH ADVERSE EVENTS IN PATIENTS WITH SUSPECTED TBI AND INITIAL NORMAL HEAD CT
Presenter: Jordan W. Harmer, BS |
| 9:30 am | #16 | NON-STEROIDAL ANTI-INFLAMMATORY DRUGS AND UPPER GASTROINTESTINAL BLEEDING IN TRAUMA PATIENTS: A SECONDARY ANALYSIS OF A RANDOMIZED CLINICAL TRIAL
Presenter: James Klugh, MD |
| 9:36 am | #17 | READMISSIONS AFTER EMERGENT VENTRAL HERNIA REPAIR: A RETROSPECTIVE REVIEW OF THE NATIONWIDE READMISSIONS DATABASE
Presenter: Caroline A. Ricard, MD |
| 9:42 am | #18 | GIVE ME SIRTUINS OR GIVE ME DEATH: SIRT I DELETION INCREASES MORTALITY IN SEPSIS
Presenter: Hanna E. Labiner, MD |
| 9:48 am | #19 | IMPLEMENTATION OF A GASTROGRAFIN ORDERSET FOR SMALL BOWEL OBSTRUCTION ACROSS A HEALTH SYSTEM
Presenter: Jason McCartt, MD |
| 9:54 am | #20 | FEATURES INFLUENCING THE DECISION TO PERFORM TEMPORARY ABDOMINAL CLOSURE IN EMERGENCY GENERAL SURGERY
Presenter: Rebecca Zhu, MD |
| 10:00 am-10:30 am | | Break – Refreshments in the Exhibit Area |

THURSDAY, JANUARY 13, 2022 continued

10:30 am-11:30 am

EAST Annual Oriens Presentations

Presented by the EAST Career Development Committee

Supported by an unrestricted grant from the Polk Family Charitable Foundation

Location: Location: JW Grand Salon 5-6

10:30 am-11:15 am Keynote Address

Lenworth Jacobs, Jr., MD, MPH, FACS

11:15 am-11:30 am 2022 EAST Oriens Essay Presentations

Resident Winner – Gillian Hoshal, DO

Fellow Winner – Yousef Shaban, DO

12:30 pm-1:30 pm **Educational Session & Quick Shot Session III**

12:30 pm-1:30 pm

Mental Health Issues in the Setting of Acute Traumatic Injury: Interventional Tools for the Trauma Provider

Presented by the EAST Injury Control & Violence Prevention Committee

Location: Location: JW Grand Salon 5-6

Patients exhibiting thought disorganization and behavioral dysregulation may be involved in circumstances requiring hospitalization secondary to traumatic injuries. Additionally, new onset psychiatric conditions may develop after a traumatic injury such as acute stress disorder, post-traumatic stress disorder (PTSD), or adjustment disorder. One in four trauma patients develop PTSD symptoms. A meta-analysis looking at the role for psychological interventions in reducing the incidence and severity of psychiatric sequelae in trauma survivors found that cognitive behavior therapy-treated patients experienced clinically but not statistically significant decreases in symptom severity. This session aims to guide healthcare providers who wish to better understand and help treat mental health issues in the acutely injured trauma patient.

Moderators: Tanya Anand, MD, MPH & Sara Higginson, MD

Speakers:

Aaron Meyer, MD – Acute Agitation- Primary Psychiatric Diagnosis or Secondary to Medical Condition

Leah Tatebe, MD – Mitigating Acute Psychological Injury Through Trauma Informed Care in the Acute Injured Patient

Colleen Trevino, RN, NP, PhD – Disposition Challenges & Some Hard Lessons Learned

THURSDAY, JANUARY 13, 2022 continued

QUICK SHOTS SESSION III

Presiding: Gary Marshall, MD & Stephanie Streit, MD

12:30 pm-1:30 pm

Location: Location: Location: JW Grand Salon 1-4

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| 12:30 pm | #21 | TRAUMATIC BRAIN INJURY INHIBITS INTESTINAL TRANSIT RESULTING IN MICROBIAL DYSBIOSIS
Presenter: Abigail R. Cannon, PhD |
| 12:36 pm | #22 | TBI-PRO: A NOVEL MODEL TO PREDICT LONG TERM QUALITY OF LIFE AFTER TRAUMATIC BRAIN INJURY
Presenter: Juan F. Figueroa, MD |
| 12:42 pm | #23 | PREHOSPITAL NEEDLE DECOMPRESSION: A LIFE SAVING INTERVENTION
Presenter: Daniel Muchnok, NRP |
| 12:48 pm | #24 | NONOPERATIVE MANAGEMENT OF BLUNT ABDOMINAL SOLID ORGAN INJURY: ARE WE PAYING ENOUGH ATTENTION TO PATIENTS ON PREINJURY ANTICOAGULATION?
Presenter: Raul Reina, MD |
| 12:54 pm | #25 | THE GERIATRIC NUTRITIONAL RISK INDEX (GNRI) AS A PREDICTOR OF COMPLICATIONS IN GERIATRIC TRAUMA PATIENTS
Presenter: Heather R. Kregel, MD |
| 1:00 pm | #26 | DELAYED SPLENIC PSEUDOANEURYSM IDENTIFICATION WITH SURVEILLANCE IMAGING
Presenter: Taylor Wallen, MD |
| 1:06 pm | #27 | IS COMMON FEMORAL ACCESS A CRITICAL JUNCTURE IN TRAUMA RESUSCITATION? SINGLE CENTER, PROSPECTIVE ANALYSIS TO IDENTIFY OPTIMAL TECHNIQUES, OUTCOMES AND COMPLICATIONS
Presenter: M. Chance Spalding, DO, PhD |
| 1:12 pm | #28 | PULMONARY CONTUSION VOLUME COMPUTATION USING COMPUTER VISION
Presenter: Jeff Choi, MD, MSc |
| 1:18 pm | #29 | SURGICAL STABILIZATION OF RIB FRACTURES INCREASES HOSPITAL STAY AND OPIOID USE IN NON-FLAIL SEVERE CHEST WALL INJURIES
Presenter: Anne R. Jeckovich, BS |
| 1:24 pm | #30 | CLINICAL OUTCOMES OF INTRATHORACIC VS EXTRATHORACIC PLATING IN RIB FRACTURE FIXATION
Presenter: Erika Tay, MD |

THURSDAY, JANUARY 13, 2022 continued

1:45 pm-2:45 pm Parallel Educational Sessions

1:45 pm-2:45 pm

Navigating the Multicenter Trial Minefield: Pearls & Pitfalls from Veterans

Presented by the EAST Multicenter Trials Committee

Location: Location: JW Grand Salon 5-6

The development and execution of a multicenter trial is a major undertaking for any investigator. For the early-stage investigators running a multicenter trial it may seem overwhelming, and without local support or mentoring, their research interests may be stymied. Through presentations and a subsequent panel, this session aims to offer future principal investigators and participants in EAST multicenter trials the ability to learn from the both the successes and failures of seasoned investigators who have led and/or are currently leading multicenter trials.

Moderators: James Bardes, MD & John Cull, MD

Speakers:

D. Dante Yeh, MD, MHPE – Center Recruitment & Retention

Rondi Gelbard, MD – Data Validity & Data Consistency

Haytham Kaafarani, MD, MPH – Contribution & Post Hoc Analysis

1:45 pm-2:45 pm

Point of Care Ultrasound in the ED-Bridging the Specialty Gap

Presented by the EAST Emergency General Surgery Committee

Location: Location: JW Grand Salon 1-4

This session will evaluate the current evidence behind EM POCUS and how it can be applied to surgical decision making. There will be a review of current standards for training, image storage and quality assurance. Evidence from both EM and Acute Care Surgery will be presented, and the session will attempt to identify best practices for patients being managed collaboratively by both specialties. The session will also explore how increased training on bedside ultrasound during surgical residency may increase the use of POCUS by the ACS surgeon. By working together, surgeons and emergency physicians can provide better and more efficient care for our patients.

Moderators: Eric Legome, MD & Zachary Warriner, MD

Speakers: Paula Ferrada, MD, Sarah Murthi, MD, Bret Nelson, MD, Vicki Noble, MD

POCUS: Fact vs. Fiction

Cholecystitis: Can ED Ultrasound Expedite Patient Care?

Appendicitis: Who Needs a CT Scan? I have an Ultrasound.

The Future is Now: POCUS Training Options for the General Surgeon

Panel Discussion & Audience Q/A

2:45 pm- 3:15 pm

Break – Refreshments in the Exhibit Area

THURSDAY, JANUARY 13, 2022 continued

**PARALLEL SCIENTIFIC SESSION III
RESUSCITATION & EMERGENCY GENERAL SURGERY**

Presiding: Suresh Agarwal, Jr., MD & Vanessa Ho, MD, MPH

3:15 pm-5:15 pm

Location: JW Grand Salon 5-6

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| 3:15 pm | #13 | VALIDATION OF A MINIATURIZED HANDHELD ARTERIAL PRESSURE MONITOR FOR GUIDING FULL AND PARTIAL REBOA USE DURING RESUSCITATION
Presenter: Derek A. Benham, MD
Discussant: Joseph Fernandez-Moure, MD, MS |
| 3:30 pm | #14 | CRESTING MORTALITY: DEFINING A PLATEAU IN ONGOING MASSIVE TRANSFUSION
Presenter: Megan T. Quintana, MD
Discussant: Chrissy Guidry, DO |
| 3:45 pm | #15 | 4-FACTOR PROTHROMBIN COMPLEX CONCENTRATE IS NOT INFERIOR TO ANDEXANET ALFA FOR THE REVERSAL OF FACTOR XA INHIBITORS: AN EAST MULTICENTER STUDY
Presenter: Jordan Estroff, MD
Discussant: Brian Yorkgitis, DO |
| 4:00 pm | #16 | DIMETHYL MALONATE DECREASES SUCCINATE ACCUMULATION AND PRESERVES CARDIAC FUNCTION IN A SWINE MODEL OF HEMORRHAGIC SHOCK
Presenter: Sharven Taghavi, MD, MPH, MS
Discussant: Michael Goodman, MD |
| 4:15 pm | #17 | SOCIODEMOGRAPHIC RISK FACTORS FOR DELAYED DIAGNOSIS OF APPENDICITIS: A POPULATION-BASED ANALYSIS
Presenter: Ana M. Reyes, BS
Discussant: Marta McCrum, MD, MPH |
| 4:30 pm | #18 | PROSPECTIVE DERIVATION OF A NECROTIZING SOFT TISSUE INFECTION SCORE (NECROSIS): AN EAST MULTICENTER TRIAL
Presenter: Dennis Y. Kim, MD
Discussant: Eileen Bulger, MD |
| 4:45 pm | #19 | MORTALITY AND PULMONARY COMPLICATIONS IN EMERGENCY GENERAL SURGERY PATIENTS WITH COVID-19: A LARGE INTERNATIONAL MULTICENTER STUDY
Presenter: Anthony Gebran, MD
Discussant: Fariha Sheikh, MD |
| 5:00 pm | #20 | TRAUMATIC BRAIN INJURY ATTENUATES HYPOCOAGULABILITY BY DECREASING FIBRINOLYSIS IN SEVERELY INJURED PATIENTS
Presenter: Jonathan P. Meizoso, MD, MSPH
Discussant: Cherisse Berry, MD |

THURSDAY, JANUARY 13, 2022 continued

PARALLEL SCIENTIFIC SESSION IV COX-TEMPLETON INJURY PREVENTION PAPER COMPETITION

Presiding: Hee Soo Jung, MD & James Bardes, MD

3:15 pm-5:00 pm

Location: JW Grand Salon 1-4

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| 3:15 pm | #21 | FIREARM HOMICIDES: A BROADER VIEW OF OUR LANE
Presenter: Dane R. Scantling, DO, MPH
Discussant: Chad Morrison, DO |
| 3:30 pm | #22 | IMPROVING CHILDHOOD SAFETY THROUGH A PEER BASED EDUCATIONAL MODEL
Presenter: Amanda Teichman, MD
Discussant: Stephanie Polites, MD, MPH |
| 3:45 pm | #23 | GUN VIOLENCE IS LINKED TO FOOD INSECURITY IN A MAJOR METROPOLITAN CITY
Presenter: Ayman Ali, BS
Discussant: Richard Sola, Jr., MD |
| 4:00 pm | #24 | UNPLANNED READMISSIONS FOR INJURED ADOLESCENTS AT ADULT AND PEDIATRIC TRAUMA CENTERS
Presenter: Whitney Orji, MD, MSHP
Discussant: Maria McMahon, RN, MSN, PNP-AC/PC |
| 4:15 pm | #25 | THE ASSOCIATION BETWEEN STRINGENT STATE FIREARM LAWS AND FIREARM HOMICIDES AMONG RACIAL GROUPS IN THE UNITED STATES
Presenter: Khaled Abdul Jawad, MD
Discussant: Tanya Egodage, MD |
| 4:30 pm | #26 | NOT JUST ONE 'TEACHABLE MOMENT': SUCCESS OF REFERRALS TO A HOSPITAL-BASED VIOLENCE INTERVENTION PROGRAM DURING NON-INJURY ADMISSIONS
Presenter: Catherine G. Velopulos, MD, MHS
Discussant: Andrea Long, MD |
| 4:45 pm | #27 | FIREARM INJURY SURVEILLANCE DISCREPANCIES: A CALL FOR A NATIONAL FIREARM INJURY REGISTRY
Presenter: Fatima Elgammal, MD
Discussant: Hillary Prince, MD, MS |

End of Cox-Templeton Injury Prevention Paper Competition

5:15 pm-6:00 pm

If I Knew Then What I Know Now

Presented by the EAST Mentoring Committee & the EAST Seniors Committee

Encouragement and sage advice is needed from those who have been there and done that. This session will cover the utility and pathways of earning additional advanced degrees after starting clinical practice, planning for retirement, advancing in local and national organizations, and identifying factors to consider when choosing a practice model, and what to do when you are sued.

Moderators: Tiffany Bee, MD & Saskya Byerly, MD, MS

Speakers:

Kimberly A. Davis, MD, MBA – The Utility of Earning Advanced Degrees after Training

Thomas Duncan, DO – What to Know About Retirement & Financial Literacy

Tiffany Bee, MD – Picking a Practice Model

Tiffany Bee, MD – You are Being Sued...Now What?

FRIDAY, JANUARY 14, 2022

PARALLEL SCIENTIFIC SESSION V – CLINICAL TRAUMA

Presiding: Niels Martin, MD & Amy Rushing, MD

7:45 am-9:45 am

Location: JW Grand Salon 5-6

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| 7:45 am | #28 | THE LONG-TERM RISKS OF VENOUS THROMBOEMBOLISM AFTER NON-OPERATIVELY MANAGED SPINAL FRACTURE
Presenter: Letitia Bible, MD
Discussant: Tejal Brahmbhatt, MD |
| 8:00 am | #29 | COMPARISON OF SURGICAL STABILIZATION OF RIB FRACTURES VS EPIDURAL ANALGESIA ON EARLY CLINICAL OUTCOMES
Presenter: Thomas J. Martin
Discussant: Gregory Semon, DO |
| 8:15 am | #30 | FLUOXETINE REDUCES ORGAN INJURY AND IMPROVES MOTOR FUNCTION AFTER TRAUMATIC BRAIN INJURY
Presenter: Jessica L. Weaver, MD, PhD
Discussant: Brett Tracy, MD |
| 8:30 am | #31 | ROUTINE REPEAT BRAIN CT SCANNING IS UNNECESSARY IN OLDER PATIENTS WITH GCS 14-15 AND A NORMAL INITIAL BRAIN CT SCAN REGARDLESS OF PREINJURY ANTITHROMBOTIC USE: A MULTICENTER STUDY OF 3033 PATIENTS
Presenter: Saptarshi Biswas, MD
Discussant: Molly Deane, MD |
| 8:45 am | #32 | POTENTIAL INFLUENCE OF A RANDOMIZED CONTROLLED TRIAL ON PRACTICE PATTERNS AND OUTCOMES IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY
Presenter: Kazuhide Matsushima, MD
Discussant: Mayur Patel, MD, MPH |
| 9:00 am | #33 | ROLE OF ICP MONITORING IN GERIATRIC TRAUMA PATIENTS
Presenter: Bardiya Zangbar Sabegh, MD
Discussant: Bruce Chung, MD |
| 9:15 am | #34 | BLUNT CEREBROVASCULAR INJURIES: TIMING OF CHANGES TO INJURY GRADE AND STROKE FORMATION ON SERIAL IMAGING FROM AN EAST MULTI-INSTITUTIONAL TRIAL
Presenter: Kristin Sonderman, MD, MPH
Discussant: Eric Shurtleff, DO |
| 9:30 am | #35 | ROUTINE CT SCREENING FOR BLUNT CEREBROVASCULAR INJURY IDENTIFIES INJURIES MISSED BY CLINICAL RISK FACTORS
Presenter: Paul R. Harper
Discussant: Nina Glass, MD |

FRIDAY, JANUARY 14, 2022 continued

PARALLEL SCIENTIFIC SESSION VI – TRAUMA SYSTEMS & EDUCATION

Presiding: Haytham Kaafarani, MD, MPH & Deborah Stein, MD, MPH

7:45 am-9:45 am

Location: JW Grand Salon 1-4

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| 7:45 am | #36 | ASSOCIATION BETWEEN CHILD ACCESS PREVENTION (CAP) AND STRINGENT STATE FIREARM LAWS WITH ALL-INTENT PEDIATRIC FIREARM-RELATED DEATHS
Presenter: Majid Chammas, MD
Discussant: Regan Williams, MD, MSE |
| 8:00 am | #37 | FAILURE TO RESCUE IN TRAUMA: EARLY AND LATE MORTALITY IN LOW AND HIGH PERFORMING TRAUMA CENTERS
Presenter: Naveen Sangji, MD, MPH
Discussant: Brittany K. Bankhead, MD, MS |
| 8:15 am | #38 | ICD-10-BASED MACHINE LEARNING MODELS OUTPERFORM THE TRAUMA AND INJURY SEVERITY SCORE (TRISS) IN SURVIVAL PREDICTION
Presenter: Zachary Tran, MD
Discussant: Kyle Cunningham, MD, MPH |
| 8:30 am | #39 | PREHOSPITAL SYNERGY: TRANEXAMIC ACID AND BLOOD TRANSFUSION IN PATIENTS AT RISK FOR HEMORRHAGE
Presenter: Andrew-Paul Deeb, MD
Discussant: Zain G. Hashmi, MD |
| 8:45 am | #40 | THE EFFECTS OF TIMING OF PREHOSPITAL TRANEXAMIC ACID ON OUTCOMES AFTER TRAUMATIC BRAIN INJURY
Presenter: Alexandra Brito, MD
Discussant: Joshua Brown, MD, MSc |
| 9:00 am | #41 | A DISTURBING TREND: AN ANALYSIS OF THE DECLINE IN SURGICAL CRITICAL CARE (SCC) FELLOWSHIP TRAINING OF BLACK AND HISPANIC SURGEONS
Presenter: Amanda Hambrecht, MD
Discussant: Kimberly A. Davis, MD, MBA |
| 9:15 am | #42 | GROWING THE NEXT GENERATION OF SURGEON SCIENTISTS – REFLECTIONS ON 20 YEARS OF EAST RESEARCH INVESTMENT
Presenter: Rachael A. Callcut, MD, MSPH
Discussant: Andrew C. Bernard, MD |
| 9:30 am | #43 | OLD SCHOOL TECHNIQUES IN A NEW AGE TEACHING MODEL: USING PERFUSED CADAVERS TO TEACH COMPLEX SURGICAL TECHNIQUES FOR PEPTIC ULCER DISEASE
Presenter: Aaron M. Hudnall, DO
Discussant: Shariq Raza, MD |
| 9:45 am – 10:00 am | | Break – Refreshments in the Exhibit Area |

FRIDAY, JANUARY 14, 2022 continued

10:00 am-11:00 am

Engage the Experts

Presented by the EAST Career Development Committee

The “Engage the Experts” forum will be a highly interactive session that will allow residents, fellows and junior faculty members to present brief, interesting cases to a panel of Experts who will discuss management options, pitfalls, and innovations.

Moderators: Avi Bhavaraju, MD, Prerna Ladha, MBBS, Alaina Lasinski, MD, Zaffer Qasim, MBBS

Experts:

Eileen M. Bulger, MD

Jennifer M. Gurney, MD

David H. Livingston, MD

Case Presentations:

- Surviving a SWAT Shootout: A Modern & Lifesaving Application of ECMO After Multiple High-Caliber GSWs
Megan Cibulas, BS, MD
- Scurvy: An Unusual presentation in Ulcerative Colitis Induced Toxic Megacolon
Frederique Pinto, BSc, MD
- The Trauma Cesarean Section: Are We Prepared for Neonatal Damage Control?
Robert E. Reily, MD

11:15 am-12:00 pm

Scott B. Frame, MD Memorial Lecture

Shiftwork: Future of Trauma Surgery, or a Blight on our Profession?

Sharmila Dissanaiké, MD, FACS, FCCM

12:15 pm-1:30 pm

EAST Awards Ceremony & Recognition & Gavel Exchange Luncheon

Open to all meeting attendees

Location: Griffin Hall, Level 2

2:30 pm-5:30 pm

EAST Short Courses – Space is limited, pre-registration required.

EAST Short Course #1

Making the GRADE: Practical Application of GRADE Methodology for Development of EAST Practice Management Guidelines

Presented by the EAST Guidelines Committee

Location: Room 502-503

EAST Short Course #2

Playing the Research Long Game

Presented by the EAST Research-Scholarship Committee, the EAST Multicenter Trials Committee & the EAST Seniors Committee

Location: JW Grand Salon 1-4

EAST Short Course #3

Trauma Quality: A Hands-on Approach & Toolkit to Trauma PI/QA Using Just Culture

Presented by the EAST Quality, Safety, & Outcomes Committee

Location: JW Grand Salon 5-6