



Eastern Association for the Surgery of Trauma
Advancing Science, Fostering Relationships, and Building Careers

37th Annual Scientific Assembly

Overall Schedule & Scientific Program

January 9-13, 2024

Signia by Hilton Orlando Bonnet Creek
Orlando, Florida

Overall Schedule – Pages 1-6

Scientific Schedule – Pages 7-21



Scan the QR Code for Meeting App Access Instructions

IMPORTANT INFORMATION



CME - Complete the Evaluation and claim CME by February 29, 2024.

In support of improving patient care, this activity has been planned and implemented by Cine-Med and the Eastern Association for the Surgery of Trauma. Cine-Med is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Cine-Med designates this Other activity (*combined live and enduring*) for a maximum of 22.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Other Healthcare Professionals

All other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for activities designated for *AMA PRA Category 1 Credits*[™], consult your professional licensing board.



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Abstract Booklet



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37TH ANNUAL SCIENTIFIC ASSEMBLY

Eastern Association for the Surgery of Trauma
Advancing Science, Fostering Relationships, and Building Careers

January 9-13, 2024
Signia by Hilton Orlando Bonnet Creek
Orlando, Florida
#EAST2024

OVERALL SCHEDULE

Room Locations Subject to Change - See Meeting App for Most Up-to-Date Information

TUESDAY, JANUARY 9, 2024

7:30 am-6:00 pm	Registration	Bonnet Creek North Foyer/Lobby Level
7:30 am-6:00 pm	Speaker Preparation	Madison, Lower Level
7:30 am-4:00 pm	EAST Development Fund & Information Kiosks	Bonnet Creek North Foyer/Lobby Level
3:30 pm-6:00 pm	Stop the Bleed®	Broadway/Carnegie, Lower Level

Courses & Workshops - Ticketed session, additional fees apply. Pre-registration required.

8:00 am-4:00 pm	Leadership Among the Accomplished-Finding Success for All: An EAST Leadership Development Workshop <i>Presented by the EAST Career Development Committee</i>	Central Park A-D, Lobby Level
1:15 pm-5:30 pm	Starting Strong: An EAST Chief Residents & Fellows Workshop <i>Presented by the EAST Career Development Committee</i>	Central Park E-H, Lobby Level

4:00 pm-8:30 pm	EAST Board of Directors Meeting	Salon L – Floridian Ballroom, Lobby Level
5:00 pm-9:00 pm	Exhibit Set-up	Bonnet Creek I-III, Lobby Level

WEDNESDAY, JANUARY 10, 2024

6:30 am-7:30 am	Friends of Bill W	Bradford, Lower Level
6:30 am-5:45 pm	Registration	Bonnet Creek North Foyer/Lobby Level
6:30 am-5:45 pm	Speaker Preparation	Madison, Lower Level
7:00 am-1:30 pm	Exhibits Open	Bonnet Creek I-III, Lobby Level
7:00 am-4:45 pm	EAST Development Fund & Information Kiosks	Bonnet Creek North Foyer/Lobby Level
7:00 am-8:00 am	Breakfast in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level
8:00 am-8:30 am	Opening Ceremony - Flag Ceremony & Opening Remarks	Bonnet Creek VII-XII, Lobby Level
8:30 am-10:00 am	Scientific Session I: Raymond H. Alexander, MD Resident Paper Competition (Papers 1-6) Moderators: Jason Smith, MD, PhD, MBA & James Williams, MD (2023 Basic Science Paper Award Recipient)	Bonnet Creek VII-XII, Lobby Level
10:00 am-10:30 am	Morning Break - Refreshments provided in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level
10:30 am-12:00 pm	Scientific Session II: Raymond H. Alexander, MD Resident Paper Competition (Papers 7-12) Moderators: Bradley Dennis, MD, & Maggie Bosley, MD (2023 Clinical Science Paper Award Recipient)	Bonnet Creek VII-XII, Lobby Level
11:30 am-5:00 pm	EAST In the Arena Live Podcasts <i>Presented by the EAST Educational Resources Committee</i>	Union, Lower Level



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WEDNESDAY, JANUARY 10, 2024 (CONTINUED)

12:00 pm-1:15 pm	Lunch on Own	
	Industry Satellite Symposiums	
12:00 pm-1:15 pm	Satellite Symposium - AVITA Medical	Salon J - Floridian Ballroom, Lobby Level
12:00 pm-1:15 pm	Satellite Symposium - Cerus Corporation	Salon K - Floridian Ballroom, Lobby Level
12:00 pm-1:15 pm	Satellite Symposium - Prytime Medical Devices	Salon L - Floridian Ballroom, Lobby Level
	EAST Blood Drive Supported through OneBlood	
12:00 pm-5:00 pm		Dixie, Lower Level
1:15 pm-2:15 pm	Scientific Papers That Should Change Your Practice <i>Presented by the EAST Manuscript & Literature Review Committee</i>	Bonnet Creek VII-XII, Lobby Level
2:15 pm-2:30 pm	Break	
2:30 pm-3:30 pm	Opening Keynote - Presidential Address <i>One Day</i> Jason W. Smith, MD, PhD, MBA, FACS	Bonnet Creek VII-XII, Lobby Level
3:30 pm-3:45 pm	Break	
3:45 pm-4:45 pm	Educational Sessions – Concurrent Sessions	
3:45 pm-4:45 pm	Educational Session 1 Updates in Evidence-Based Care: EAST PMGs & CCPs <i>Presented by the EAST Guidelines Committee</i>	Salons A-C, Floridian Ballroom, Lobby Level
3:45 pm-4:45 pm	Educational Session 2 Acute Care Surgery: How Much is Too Much? <i>Presented by the EAST Quality, Safety & Outcomes Committee, the EAST Military Committee, & the EAST Career Development Committee</i>	Salons D-F, Floridian Ballroom, Lobby Level
3:45 pm-4:45 pm	Educational Session 3 What in the Wound? Complex Wound Management: Tips from Burn Surgeons <i>Presented by the EAST Burn Surgery Committee</i>	Salons G-I, Floridian Ballroom, Lobby Level
5:00 pm-6:00 pm	Educational Sessions – Concurrent Sessions	
5:00 pm-6:00 pm	Educational Session 4 So You Want to be a Division Chief/Trauma Medical Director – Chief School 101 <i>Presented by the EAST Mentor Member Committee, the EAST Educational Resources Committee & the Society of Acute Care Surgery Chiefs</i>	Salons A-C, Floridian Ballroom, Lobby Level
5:00 pm-6:00 pm	Educational Session 5 When Blood Runs Out: Trauma System Preparation for Rural Mass Casualty Incidents <i>Presented by the EAST Rural Care Committee</i>	Salons D-F, Floridian Ballroom, Lobby Level
5:00 pm-6:00 pm	Educational Session 6 Expanding Your Trauma Team’s Influence by Incorporating Exceptional APPs in Clinical Research and Administrative Roles <i>Presented by the EAST Career Development Committee & the EAST Membership Recruitment and Retention Committee</i>	Salons G-I, Floridian Ballroom, Lobby Level
6:30 pm-8:30 pm	Opening Reception <i>(RSVP requested)</i>	Signature Island

Scientific Sessions, Educational Sessions, Exhibits in Bonnet Creek Ballroom, Lobby Level unless otherwise noted.
A Mother’s Room is available in De Soto, Lower Level



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THURSDAY, JANUARY 11, 2024

6:30 am-7:30 am	Friends of Bill W	Bradford, Lower Level
6:30 am-5:00 pm	Registration	Bonnet Creek North Foyer/Lobby Level
6:30 am-5:00 pm	Speaker Preparation	Madison, Lower Level
7:00 am-1:30 pm	Exhibits Open	Bonnet Creek I-III, Lobby Level
7:00 am-5:00 pm	EAST Development Fund & Information Kiosks	Bonnet Creel North Foyer/Lobby Level
7:00 am-8:30 am	Breakfast in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level
7:15 am-8:15 am <i>Grab Breakfast/Coffee in the Exhibit Hall before heading to mtg</i>	EAST Committee & Ad Hoc Task Force Meetings (Meeting Rooms Lower Level) Annual Scientific Assembly Committee Career Development Committee Development Committee Emergency General Surgery Committee Equity, Diversity, & Inclusion in Trauma Surgery Practice Cmte Guidelines Committee Manuscript & Literature Review Committee Member Recruitment & Retention Committee Multicenter Trials Committee Quality, Safety and Outcomes Committee Rural Care Committee	Barclay Beekman Broadway Carnegie Hamilton Empire Fulton Jade Lexington Indian River Orange Jackson
8:30 am-9:30 am	EAST Annual Oriens Presentations <i>Presented by the EAST Career Development Committee</i> Moderator: Salina Wydo, MD	Bonnet Creek VII-XII, Lobby Level
	8:30 am-9:20 am Keynote Address – Amy J. Goldberg, MD, FACS	
	9:20 am-9:30 am - 2024 EAST Oriens Essay Presentations Resident Essay – Jennifer M. Brewer, MD Fellow Essay – Simin Golestani, MD	
9:30 am-10:00 am	Morning Break - Refreshments provided in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level
10:00 am-11:00 am	Quick Shots Session I (Papers 1-10) Moderators: Alexandra Briggs, MD & Michael Cripps, MD	Bonnet Creek VII-XII, Lobby Level
10:00 am-11:00 am	Quick Shots Session II (Papers 11-20) Moderators: Scott Armen, MD & Laura Johnson, MD	Grand Ballroom 1-2, Lobby Level
11:00 am-4:00 pm	EAST Blood Drive Supported through OneBlood	Dixie, Lower Level
11:15 am-12:15 pm	Scientific Session III: Cox-Templeton Injury Prevention Paper Competition (Papers 13-16) Moderators: Leah Tatebe, MD & Ashley Williams, MD (2023 Paper Award Recipient)	Bonnet Creek VII-XII, Lobby Level
12:15 pm-1:30 pm	Lunch on Own Industry Satellite Symposia	
12:15 pm-1:30 pm	Satellite Symposium – CLR Medical	Hamilton & Indian River, Lower Level
12:15 pm-1:30 pm	Satellite Symposium – DePuy Synthes	Broadway/Carnegie, Lower Level
12:15 pm-1:30 pm	Satellite Symposium – Grifols	Jade Lexington, Lower Level
12:15 pm-1:30 pm	EAST Past Presidents Lunch (By invitation only)	Central Park A/B, Lobby Level

Scientific Sessions, Educational Sessions, Exhibits in Bonnet Creek Ballroom, Lobby Level unless otherwise noted.
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THURSDAY, JANUARY 11, 2024 (CONTINUED)

1:40 pm-3:40 pm	Scientific Session IV (Papers 17-24) Moderators Jeffrey Nahmias, MD, MHPE & Esther Tseng, MD	Bonnet Creek VII-XII, Lobby Level
1:40 pm-3:40 pm	Scientific Session V (Papers 25-32) Moderators: Kyle Cunningham, MD, MPH & Molly Flannagan, MD	Grand Ballroom 1-2, Lobby Level
4:00 pm-5:15 pm	No Suit, No Problem: Fostering Relationships & Building Careers <i>Presented by the EAST Career Development Committee (RSVP requested)</i>	Bonnet Creek IV-VI, Lobby Level
5:30 pm-7:30 pm	Industry Satellite Symposium Satellite Symposium – Teleflex	Hamilton/Indian River, Lower Level

FRIDAY, JANUARY 12, 2024

6:30 am-7:30 am	Friends of Bill W	Bradford, Lower Level
6:30 am-3:00 pm	Registration	Bonnet Creek North Foyer/Lobby Level
6:30 am-5:00 pm	Speaker Preparation	Madison, Lower Level
7:00 am-11:00 am	Exhibits Open	Bonnet Creek I-III, Lobby Level
7:00 am-5:00 pm	EAST Development Fund & Information Kiosks	Bonnet Creek North Foyer /Lobby Level
7:00 am-8:30 am	Breakfast in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level
7:15 am-8:15 am <i>Grab Breakfast/Coffee the Exhibit Hall before heading to mtg</i>	<u>EAST Committee & Ad Hoc Task Force Meetings (Meeting Rooms Lower Level)</u> Burn Surgery Committee Global Surgery Ad Hoc Task Force Injury Control & Violence Prevention Committee Mentoring Committee Mentor Member Committee Military Committee Educational Resources Committee Research-Scholarship Committee	Barclay Beekman Broadway Carnegie Hamilton Empire Fulton Jade Lexington
8:15 am-10:15 am	Scientific Session VI (Papers 33-40) Moderators: John Cull, MD & Libby Schroeder, MD	Bonnet Creek VII-XII, Lobby Level
8:15 am-10:15 am	Scientific Session VII (Papers 41-48) Moderators: Lauren Dudas, MD & Ronnie Mubang, MD	Grand Ballroom 1-2, Lobby Level
10:15 am-10:30 am	Morning Break - Refreshments provided in the Exhibit Hall	Bonnet Creek IV-VI, Lobby Level

Scientific Sessions, Educational Sessions, Exhibits in Bonnet Creek Ballroom, Lobby Level unless otherwise noted.
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FRIDAY, JANUARY 12, 2024 (CONTINUED)

10:30 am-11:30 am	Engage the Experts <i>Presented by the EAST Career Development Committee</i>	Bonnet Creek VII-XII, Lobby Level
11:45 am-12:30 pm	Scott B. Frame, MD Memorial Lecture Better than an Expert at One Karen Brasel, MD, MPH, FACS	Bonnet Creek VII-XII, Lobby Level
12:45 pm-2:15 pm	EAST Annual Report, Awards & Recognition Ceremony & Gavel Exchange Luncheon - Open to all meeting attendees <ul style="list-style-type: none"> • EAST Annual Report <ul style="list-style-type: none"> ○ President's Report – Jason Smith, MD, PhD, MBA, FACS ○ Treasurers Report – Mayur B. Patel, MD, MPH, FACS ○ Secretary's Report – Nicole Fox, MD, MPH, FACS, CPE • Awards and Recognition <ul style="list-style-type: none"> ○ Raymond H. Alexander, MD Resident Paper Competition ○ 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 ○ 2023 Brandeis Executive Leadership Scholarship Recipient ○ 2023 Leadership Agility Program Scholarship Recipients ○ 2024 John M. Templeton, Jr., MD Injury Prevention Research Scholarship ○ 2024 Trauma Research Scholarship ○ 2024 Multicenter Trials Junior Investigator Award ○ 2024 Leadership Development Workshop Scholarship Recognition • Introduction of 2024 EAST President and Gavel Exchange 	Grand Ballroom 1-2, Lobby Level
2:30 pm-4:30 pm	EAST In the Arena Live Podcasts <i>Presented by the EAST Educational Resources Committee</i>	Union, Lower Level
Short Courses – 2:30 pm-5:30 pm – Concurrent Sessions		
2:30 pm-5:30 pm	EAST Short Course 1 Taking Your Study Design and Statistical Analysis to the Next Level: A Practical Tour of Prevalent Pitfalls and How to Navigate Them <i>Presented by the EAST Manuscript and Literature Review Committee</i>	Hamilton/Indian River, Lower Level
2:30 pm-5:30 pm	EAST Short Course 2 Robotics in Acute Care Surgery: Crawl, Walk, then Run! <i>Presented by the EAST Emergency General Surgery Committee & the EAST Mentor Committee</i>	Central Park A-D, Lobby Level
2:30 pm-5:30 pm	EAST Short Course 3 Evidence into Action: How to Develop and Incorporate Evidence-Based Guidelines and Clinical Pathways in Clinical Practice <i>Presented by the EAST Guidelines Committee & the EAST Educational Resources Committee</i>	Central Park E-H, Lobby Level
37th EAST Annual Scientific Assembly Adjourned		



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SATURDAY, JANUARY 13, 2024

7:00 am-8:30 am	EAST Board of Directors Meeting <i>(By invitation only)</i>	Jackson, Lower Level
7:00 am-5:00 pm	ABA Advanced Burn Life Support Course (ABLS) <i>Presented by the American Burn Association (ABA) & supported by the EAST Burn Surgery Committee</i> <i>Advance registration with ABA required.</i>	Hamilton, Lower Level
	ABA Breakout Room ABA Breakout Room ABA Breakout Room	Indian River, Lower Level Orange, Lower Level Taylor, Lower Level

Eastern Association for the Surgery of Trauma (EAST)
37th Annual Scientific Assembly
SCIENTIFIC SESSIONS

WEDNESDAY, JANUARY 10, 2024

SCIENTIFIC SESSION I

RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: Jason W. Smith, MD, PhD, MBA & James Williams, MD

8:30 am-10:00 am

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- 8:30 am #1 DOES MEAN ARTERIAL PRESSURE AUGMENTATION IMPROVE NEUROLOGICAL RECOVERY OF BLUNT SPINAL CORD INJURIES: AN EAST MULTICENTER TRIAL
Institution: Grant Medical Center
Presenter: Aimee LaRiccia, DO
Discussant: Deborah Stein, MD, MPH – R Adams Cowley Shock Trauma Center
- 8:45 am #2 TIME IS TISSUE: OPERATIVE INTERVENTION TIMING AND MORTALITY IN EMERGENCY GENERAL SURGERY PATIENTS
Institution: University of Pittsburgh Medical Center
Presenter: David Silver, MD, MPH
Discussant: Rondi Gelbard, MD – University of Alabama at Birmingham
- 9:00 am #3 PREHOSPITAL ETCO2 PREDICTS HYPERFIBRINOLYSIS IN INJURED PATIENTS: IMPLICATIONS FOR EARLY USE OF ANTIFIBRINOLYTICS IN TRAUMA
Institution: Denver Health Medical Center
Presenter: TJ Shaid, MD
Discussant: Brian Yorkgitis, DO – University of Florida-Jacksonville
- 9:15 am #4 THE DIRECT RBC EFFECT ON THROMBOSIS IS AFFECTED BY TISSUE FACTOR AND PHOSPHATIDYLSERINE
Institution: University of Cincinnati
Presenter: Adam Price, MD
Discussant: Lucy Z. Kornblith, MD - UCSF - San Francisco General Hospital
- 9:30 am #5 CYTOPROTECTIVE APC AND FFP AS THERAPIES FOR THE ENDOTHELIOPATHY OF TRAUMA: SEPARATE OR IN COMBINATION?
Institution: University of Colorado, Aurora
Presenter: Otto Thielen, MD
Discussant: Timothy Pritts, MD, PhD - University of Cincinnati
- 9:45 am #6 THE NO CLOT VTE STUDY IN HIGH-RISK PEDIATRIC TRAUMA PATIENTS
Institution: Children's Wisconsin, Medical College of Wisconsin
Presenter: Amanda Witte, MD
Discussant: Elliott Haut, MD, PhD – The Johns Hopkins Hospital
- 10:00 am-10:30 am Break – Refreshments in the Exhibit Area
Bonnet Creek Ballroom Salons I-VI, Lobby Level



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WEDNESDAY, JANUARY 10, 2024 continued

SCIENTIFIC SESSION II

RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION

Presiding: Brad Dennis, MD & Maggie Bosley, MD

10:30 am-12:00 pm

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- 10:30 am #7 OUTCOMES OF TRAUMATICALLY INJURED PATIENTS AFTER NIGHTTIME TRANSFER FROM THE INTENSIVE CARE UNIT
Institution: University of Tennessee Medical Center-Knoxville
Presenter: Devin Clegg, MD
Discussant: D'Andrea Joseph, MD – NYU-Langone Long Island
- 10:45 am #8 CONCORDANCE OF ABBREVIATED INJURY SCALE AND AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA ORGAN INJURY SCALE IN PATIENTS WITH ABDOMINAL TRAUMA
Institution: University of California, Irvine
Presenter: Jeffrey Santos, MD
Discussant: William Chiu, MD – University of Maryland School of Medicine
- 11:00 am #9 WHOLE BLOOD STORAGE DURATION ALTERS FIBRINOGEN LEVELS AND CLOT FORMATION
Institution: University of Cincinnati
Presenter: Ryan Chae, MD
Discussant: Joshua Hazelton, DO – WellSpan York Hospital
- 11:15 am #10 A PILOT PROJECT OF A POST DISCHARGE CARE TEAM FOR FIREARM INJURY SURVIVORS IS COST-EFFECTIVE AND DECREASES OUTPATIENT EMERGENCY DEPARTMENT UTILIZATION
Institution: Medical College of Wisconsin
Presenter: Elise Biesboer, MD
Discussant: Robert Winfield, MD – University of Kansas Medical Center
- 11:30 am #11 SMOKING PRIMES THE METABOLOMIC RESPONSE IN TRAUMA
Institution: University of Colorado, Aurora
Presenter: Lauren Gallagher, MD
Discussant: Jason W. Smith, MD, PhD, MBA – University of Louisville
- 11:45 am #12 DON'T LEAVE OUT THE LADIES: THE SAFETY PROFILE OF EMPIRIC TRANSFUSION OF WHOLE BLOOD AT A SINGLE INSTITUTION
Institution: Emory University School of Medicine
Presenter: Courtney Meyer, MD, MPH
Discussant: Jeremy Cannon, MD, SM – University of Pennsylvania

End of Raymond H. Alexander, MD Resident Paper Competition

12:00 pm-1:15 pm Lunch on Own

- 12:00 pm-1:15 pm Industry Satellite Symposia
- AVITA Medical - Floridian J, Lobby Level
 - Cerus Corporation – Floridian K, Lobby Level
 - Prytime Medical Devices – Floridian L, Lobby Level

WEDNESDAY, JANUARY 10, 2024 continued

1:15 pm-2:15 pm

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

Scientific Papers that Should Change Your Practice

Presented by the EAST Manuscript & Literature Review Committee

This session will review one landmark paper from 2023 in each of the fields of (1) trauma, (2) surgical critical care, and (3) emergency general surgery and will allow for discussion on the ways these papers may or may not change an individual clinician's practice, allowing time for debate and discussion on each article topic.

Moderators:

Sneha Bhat, MD, CNSC, Caleb Butts, MD, Rachel Choron, MD & Julia Coleman, MD, MPH

2:15 pm-2:30 pm

Break – Refreshments in the Exhibit Area
Bonnet Creek Ballroom Salons I-VI, Lobby Level

2:30 pm-3:30 pm

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

Opening Keynote – Presidential Address

One Day

Jason W. Smith, MD, PhD, MBA, FACS

3:30 pm-3:45 pm

Break – Refreshments in the Exhibit Area
Bonnet Creek Ballroom Salons I-VI, Lobby Level

3:45 pm-4:45 pm – Concurrent Educational Sessions

3:45 pm pm-4:45 pm

Location: Floridian Ballroom A-C, Lobby Level

Updates in Evidence-Based Care: EAST PMGs and CCPs

Presented by the EAST Guidelines Committee

Moderators: George Kasotakis, MD, MPH & Lisa Kodadek, MD

PMGs:

Title: Role of Vena Cava Filter in the Prophylaxis and Treatment of Venous Thromboembolism in Injured Adult Patients: A Systematic Review, Meta-Analysis, and Practice Management Guideline from the Eastern Association for the Surgery of Trauma

Speaker: Bishwajit Bhattacharya, MD

Title: Handoffs and Transitions of Care: A Systematic Review, Meta-Analysis, and Practice Management Guideline from the Eastern Association for the Surgery of Trauma

Speaker: Rachel D. Appelbaum, MD

Title: Rib Fracture Fixation: A Systematic Review, Meta-Analysis, and Practice Management Guideline from the Eastern Association for the Surgery of Trauma

Speaker: George Kasotakis, MD, MPH

Title: Efficacy of Helmet Use and Helmet Laws to Reduce Mortality and Cervical Spine Injury in Adult Motorcycle Riders: A Systematic Review, Meta-Analysis, and Practice Management Guideline from the Eastern Association for the Surgery of Trauma

Speaker: Asanthi M. Ratnasekera, DO

CCPs:

Title: Management of Hemothorax

Speaker: Susan Kartiko, MD, PhD

Title: Management of Trauma in Pregnancy

Speaker: Elizabeth Turner, MD, MS

WEDNESDAY, JANUARY 10, 2024 continued

3:45 pm-4:45 pm – Concurrent Educational Sessions

3:45 pm pm-4:45 pm

Location: Floridian Ballroom D-F, Lobby Level

Acute Care Surgery: How Much is Too Much?

Presented by the EAST Quality, Safety & Outcomes Committee, the EAST Military Committee, & the EAST Career Development Committee

Acute care surgery (ACS) reflects the broadening of trauma surgery to include trauma, emergency general surgery, and surgical critical care. Despite wide adoption in the U.S., current employment models, workforce needs, and full-time employment (FTE) has not been defined. In the current era of surgeon burn out and surgeon shortage, discussion about these definitions are imperative. This session will provide a forum for participants to define an FTE in the field of Acute Care Surgery. Discussion will focus on identifying ACS models, as well as clinical FTE, to maintain quality of care while minimizing surgeon burn out and promote workforce retention.

Moderators: Scott Armen, MD & Carlos Palacio, MD

Speakers:

Melissa Boltz, DO, MBA – Implementing an Acute Care Surgery Staffing Model (co-presenting with Dr. Todd)

Jennifer Hartwell, MD – Impact of Acute Care Surgery Call on Surgeon Burnout & Health

Patrick Murphy, MD, MPH, MSc – Workforce Needs & FTE Definition

S. Rob Todd, MD – Implementing an Acute Care Surgery Staffing Model (co-presenting with Dr. Boltz)

3:45 pm pm-4:45 pm

Location: Floridian Ballroom G-I, Lobby Level

What in the Wound? Complex Wound Management: Tips from Burn Surgeons

Presented by the EAST Burn Surgery Committee

Complex wound coverage can be a daily challenge for acute care surgeons. Management of these patients is multifaceted and can be frustrating. Burn surgeons are experts in wound management and can provide valuable expertise in the care of these patients. A panel of burn surgeons will present expert and evidence-based approaches to the management of complex wounds. Five brief but high-impact lectures will be given to cover topics of nutritional and medical optimization, an overview of coverage products, operative considerations (debridement, coverage), pain management (including multimodal and non-opioid), and wound care. Each lecture will start with a case and a poll of the audience to gauge their understanding and approach.

Moderators: Laura Johnson, MD & Callie Thompson, MD

Speakers:

Theresa Chin, MD – Pain Management

Alexandra Lacey, MD – Nutritional Medical Management

Christopher LaChapelle, MD – Product Overview

Monty Littlejohn, MD – Operative Considerations for Initial Debridement & Subsequent Coverage

Lauren Nosanov, MD – Wound Care Overview

WEDNESDAY, JANUARY 10, 2024 continued

5:00 pm-6:00 pm – Concurrent Educational Sessions

5:00 pm pm-6:00 pm

Location: Floridian Ballroom A-C, Lobby Level

So You Want to be a Division Chief/Trauma Medical Director – Chief School I01

Presented by the EAST Mentor Member Committee, the EAST Educational Resources Committee, & the Society of Acute Care Surgery Chiefs

This session is an introduction to 4 major areas of responsibility that an individual who desires to serve as a Division Chief or TMD must be able to be fluent in the basics of these topics to be successful in the job. This session focuses on factual knowledge in a condensed overview. The areas of focus will be Finances, Preparing for an ACS Trauma Verification, Research/Scholarly work, and Transitions from Military to Civilian Medicine. It will not be comprehensive in all the aspects of these topics, but serve as an overview to the individual to find areas for future development.

Moderator: Alison Wilson, MD

Speakers:

Andrew Bernard, MD – Preparing & Surviving Your First ACS Trauma Verification Review

Bellal Joseph, MD – Developing a Research Program & Enhancing Your Division's Scholarly Work

Matthew Martin, MD – What to Expect When You Hang Up the Uniform: Insights When Transitioning Out of Military to Civilian Practice

Jason Smith, MD, PhD, MBA – Finances I01

5:00 pm pm-6:00 pm

Location: Floridian Ballroom D-F, Lobby Level

When Blood Runs Out: Trauma System Preparation for Rural Mass Casualty Incidents

Presented by the EAST Rural Care Committee

This session explores nationwide & military examples that may help improve rural trauma mortality by identifying low-hanging fruit & common-sense solutions. These solutions are based around locally sourced or readily available supply, knowledge, and training intended to meet the challenges of rural community barriers of geography, weather, and other resource limitations.

Moderator: Alexandra Briggs, MD

Speakers:

Alexandra Briggs, MD – Defining the Problem: Mass Casualty Incidents in Rural Trauma

Avi Bhavaraju, MD – The State of Blood Availability in Rural Areas

Rebekah Devasahayam, MD – Lessons Learned from the Military: Blood Drops, Whole Blood Rotations, & Walking Blood Banks

Rural Civilian Mass Casualty Experience

WEDNESDAY, JANUARY 10, 2024 continued

5:00 pm-6:00 pm – Concurrent Educational Sessions

5:00 pm pm-6:00 pm

Location: Floridian Ballroom G-I, Lobby Level

Expanding Your Trauma Team’s Influence by Incorporating Exceptional APPs in Clinical Research and Administrative Roles

Presented by the EAST Career Development Committee and the EAST Membership Recruitment and Retention Committee

This session will showcase exceptional examples of trauma APPs in the clinical, research, and administrative settings by including discussion by both APPs and their surgeon champions about their roles in and influence on their trauma programs with explanations about how they came into these roles and why surgeon leaders support their endeavors. The session will help the audience better understand how APPs can be best integrated into trauma teams, specifically regarding the positive influence APPs have on their trauma program and hospital when they are practicing at the top of their scope.

Moderators: Alaina Lasinski MD & Allysen Shaughnessy DMSc, PA-C

Speakers:

Marc de Moya, MD – Exceptional Trauma APPs in the Clinical Setting (co-presenting with Dr. Trevino)

Gerard Fulda, MD – Exceptional Trauma APPs in Administration & Leadership (co-presenting with Jasmine Garces-King)

Jasmine Garces-King, DNP, MHA, CCRN, TCRN, ACNP-BC - Exceptional Trauma APPs in Administration & Leadership (co-presenting with Dr. Fulda)

Annika Kay, PA-C, MPAs – Exceptional APPs in Trauma & Acute Care Surgery (co-presenting with Dr. Majercik)

Sarah Majercik, MD, MBA - Exceptional APPs in Trauma & Acute Care Surgery (co-presenting with Annika Kay)

Colleen Trevino, NP, PhD - Exceptional Trauma APPs in the Clinical Setting (co-presenting with Dr. de Moya)

THURSDAY, JANUARY 11, 2024

8:30 am-9:30 am

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

EAST Annual Oriens Presentations

Presented by the EAST Career Development Committee

Supported by an unrestricted grant from the Polk Family Charitable Foundation

8:30 am- 9:20 am

Keynote Address

Amy J. Goldberg, MD, FACS

9:20 am-9:30 am 2024 EAST Oriens Essay Presentations

Resident Essay – Jennifer M. Brewer, MD

Fellow Essay – Simin Golestani, MD

9:30 am-10:00 am

Break – Refreshments in the Exhibit Area

Bonnet Creek Ballroom Salons I-VI, Lobby Level

THURSDAY, JANUARY 11, 2024 continued

QUICK SHOTS PARALLEL SESSION I

Presiding: Alexandra Briggs, MD & Michael Cripps, MD

10:00 am-11:00 am

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- 10:00 am #1 EMERGENCY GENERAL SURGERY IN THE ERA OF DIRECT ORAL ANTICOAGULANTS: IS THERE AN INCREASED BLEEDING RISK? AN EAST MULTICENTER TRIALS STUDY
Institution: University of Maryland
Presenter: Seema Anandalwar, MD
- 10:06 am #2 AFTER-HOURS ROBOTIC ACCESS ALLOWS ACQUISITION OF ROBOTIC SURGICAL PROFICIENCY IN AN ACUTE CARE SURGICAL MODEL
Institution: Houston Methodist Hospital
Presenter: Rebecca Wu, BS, MD
- 10:12 am #3 IMPLEMENTATION OF A NOVEL EMERGENCY GENERAL SURGERY ALERT SYSTEM REDUCES TIME TO OR FOR HIGH-RISK DIAGNOSESE
Institution: Indiana University
Presenter: Rachel Rodriguez, MD, MS
- 10:18 am #4 30-DAY READMISSIONS AND THE NEED FOR SUBSEQUENT EMERGENT SURGERY FOLLOWING NONOPERATIVE MANAGEMENT OF PERFORATED DIVERTICULITIS USING THE NATIONAL READMISSION DATABASE
Institution: University of Missouri - Kansas City
Presenter: Josh Gazzetta, DO
- 10:24 am #5 EDUCATION OF TRAUMA PATIENTS ON OPIOIDS AND PAIN MANAGEMENT: A QUALITY IMPROVEMENT PROJECT
Institution: University of Iowa Hospitals and Clinics
Presenter: Carolina Chiu, BS, MS
- 10:30 am #6 A PEDIATRIC BRAIN INJURY GUIDELINE ALLOWS SAFE MANAGEMENT OF TRAUMATIC BRAIN INJURIES BY TRAUMA SURGEONS
Institution: UNLV School of Medicine
Presenter: Allison McNickle, MD
- 10:36 am #7 RISK FACTORS FOR PROGRESSION OF INTRACRANIAL HEMORRHAGE AFTER INITIATION OF VTE CHEMOPROPHYLAXIS? AN EVALUATION OF 1390 TBI PATIENTS
Institution: University of Texas Health Science Center at Houston
Presenter: Keith Burczak DO
- 10:42 am #8 THE ASSOCIATION BETWEEN WHOLE BLOOD VERSUS BALANCED COMPONENT THERAPY AND SURVIVAL IN ISOLATED SEVERE TRAUMATIC BRAIN INJURY
Institution: George Washington University
Presenter: Marcelo Ribeiro, Jr., MD, MSc, PhD
- 10:48 am #9 SEX-BASED UTILIZATION AND OUTCOMES OF COLD-STORED WHOLE BLOOD FOR TRAUMA RESUSCITATION: ANALYSIS OF A PROSPECTIVE MULTICENTER STUDY
Institution: LAC+USC Medical Center
Presenter: Shea Gallagher, MD
- 10:54 am #10 WHOLE BLOOD RESUSCITATION IN CRITICALLY INJURED OLDER ADULTS: CAN LESS BE MORE?
Institution: University of Texas Health Science Center at Houston
Presenter: Thaddeus Puzio, MD

THURSDAY, JANUARY 11, 2024 continued

QUICK SHOTS PARALLEL SESSION II

Presiding: Scott Armen, MD & Laura Johnson, MD

10:00 am-11:00 am

Location: Grand Ballroom 1-2, Lobby Level

- 10:00 am #11 PREHOSPITAL UNDER TRIAGE RATES IMPROVE WITH IMPLEMENTATION OF A NOVEL EMS EDUCATIONAL MODULE
Institution: Rutgers Robert Wood Johnson Medical School
Presenter: Rachel Cary, BS
- 10:06 am #12 FACTORS IMPACTING UNDERTRIAGE OF PATIENTS MEETING TRIAGE CRITERIA FOR HIGH-LEVEL TRAUMA CARE
Institution: University of Pittsburgh Medical Center
Presenter: Jamie Beiriger, BS
- 10:12 am #13 INTRA-ABDOMINAL VERSUS PRE-PERITONEAL ADMINISTRATION OF RESQFOAM FOR TREATMENT OF EXANGUINATING PELVIC HEMORRHAGE
Institution: Massachusetts General Hospital
Presenter: David King, MD
- 10:18 am #14 ASSOCIATION OF HOSPITAL RURAL DESIGNATION ON SHORT-TERM OUTCOMES OF PATIENTS WITH PERIPHERAL VASCULAR TRAUMA
Institution: David Geffen School of Medicine
Presenter: Nam Yong Cho, BS
- 10:24 am #15 PROSPECTIVE COMPARISON OF A SHORT VERSUS LONG CHEST TUBE WATER SEAL TRIAL FOR TRAUMATIC PNEUMOTHORAX
Institution: Inova Fairfax Hospital
Presenter: Tara van Veen, MD
- 10:30 am #16 SURGICAL TRAINEE LEVEL IMPACTS MORTALITY IN THE SEVERELY INJURED TRAUMA PATIENT
Institution: Ryder Trauma Center, University of Miami Miller School of Medicine
Presenter: Nicole Lyons, MD
- 10:36 am #17 FALLING APART: DOES METHAMPHETAMINE USE INCREASE COMPLICATION RATES IN THE MANAGEMENT OF BOWEL INJURIES? A MATCHED ANALYSIS
Institution: Scripps Mercy Hospital Trauma Service
Presenter: Bryan Campbell, DO
- 10:42 am #18 FIREARM RELATED INJURY, IT'S NOT JUST PHYSICAL: USING THE PROMIS INSTRUMENT TO DEMONSTRATE ADVERSE LONG-TERM PATIENT REPORTED OUTCOMES
Institution: Rutgers Robert Wood Johnson Medical School
Presenter: Jennifer Geller, BS
- 10:48 am #19 PREDICTORS OF RECIDIVISM WITHIN A RURAL GERIATRIC TRAUMA POPULATION
Institution: East Tennessee State University
Presenter: Keelin Roche, MD, MPH
- 10:54 am #20 IN OLDER PATIENTS, IS FEMALE SEX ASSOCIATED WITH WORSE PHYSICAL DECLINE AFTER INJURY?
Institution: Saint Mary's Medical Center- Essentia Health
Presenter: Alison Tuominen, BS
- 9:45 am-10:00 am Break – Refreshments in the Exhibit Area
Bonnet Creek Ballroom Salons I-VI, Lobby Level

THURSDAY, JANUARY 11, 2024 continued

SCIENTIFIC SESSION III

COX-TEMPLETON INJURY PREVENTION PAPER COMPETITION

Presiding: Leah Tatebe, MD & Ashley Williams, MD

11:15 am-12:15 pm

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- | | | |
|----------|-----|---|
| 11:15 am | #13 | FROM PERIL TO PROTECTION: UNVEILING A ROADMAP TO SAFE ESCOOTER RIDING
Institution: University of California San Diego
Presenter: Kendra Black, BS, MA, MD
Discussant: Marissa Boeck, MD, MPH – University of California San Francisco |
| 11:30 am | #14 | BULLET HOLES: A NOVEL MODEL TO IDENTIFY THE MOST IMPACTFUL GAPS IN THE
FIREARM HOMICIDE PREVENTION LAWS OF EACH STATE
Institution: Boston University School of Medicine
Presenter: Aksel Laudon, BS
Discussant: Elinore Kaufman, MD, MSHP – University of Pennsylvania |
| 11:45 am | #15 | ENGAGING YOUNG BLACK MEN WHO HAVE BEEN VICTIMS OF GUN VIOLENCE IN
MENTAL HEALTH SERVICES
Institution: R Adams Cowley Shock Trauma Center, University of Maryland School of Medicine
Presenter: Melike Harfouche, MD
Discussant: Randi Smith, MD – Emory University School of Medicine |
| 12:00 pm | #16 | STRENGTHS OF WOMEN WORKING IN VIOLENCE INTERVENTION AND OUTREACH:
PROVIDING SPACE FOR EMOTIONAL VULNERABILITY AND EMPATHY
Institution: University of Chicago
Presenter: Grace Keegan
Discussant: Alexis Nickols, MD - University of Kentucky |

End of Cox-Templeton Injury Prevention Paper Competition

- | | |
|------------------|--|
| 12:15 pm-1:30 pm | Lunch on Own |
| 12:15 pm-1:30 pm | Industry Satellite Symposiums <ul style="list-style-type: none">• CLR Medical - Hamilton & Indian River Lower Level• DePuy Synthes – Broadway/Carnegie, Lower Level• Grifols – Jade Lexington, Lower Level |

THURSDAY, JANUARY 11, 2024 continued

PARALLEL SCIENTIFIC SESSION IV

Presiding: Jeffrey Nahmias, MD, MHPE & Esther Tseng, MD

1:40 pm pm-3:40 pm

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- 1:40 pm #17 THORACIC CAVITY IRRIGATION PREVENTS RETAINED HEMOTHORAX AND DECREASES SURGICAL INTERVENTION IN TRAUMA PATIENTS
Institution: Medical College of Wisconsin
Presenter: Abdul Hafiz Al Tannir, MD
Discussant: Cynthia Talley, MD – Medical University of South Carolina
- 1:55 pm #18 STANDARD ROTEM PROTOCOLS MAY FAIL TO IDENTIFY COAGULOPATHY IN HYPOTHERMIC TRAUMA PATIENTS
Institution: University of Arkansas for Medical Sciences
Presenter: Maraya Camazine, MD
Discussant: Grace Niziolek, MD – Washington University School of Medicine
- 2:10 pm #19 DIMETHYL SULFOXIDE AS A NOVEL THERAPY IN A MURINE MODEL OF ACUTE RESPIRATORY DISTRESS SYNDROME
Institution: Tulane University School of Medicine
Presenter: Sharven Taghavi, MD, MPH, MS
Discussant: John Agapian, MD - University of California, Riverside
- 2:25 pm #20 ACUTE EMERGENCE OF THE PATHOBIOME AFTER POSTINJURY PNEUMONIA
Institution: University of Florida
Presenter: Jennifer Munley, MD
Discussant: Timothy Plackett, DO, MPH – University of Chicago
- 2:40 pm #21 LUNG ULTRASOUND UNDERDIAGNOSES CLINICALLY SIGNIFICANT PNEUMOTHORAX
Institution: University of California San Diego
Presenter: Jarrett Santorelli, MD
Discussant: Rachel Appelbaum, MD – Vanderbilt University Medical Center
- 2:55 pm #22 DOES THE 35MM RULE APPLY IN CHEST X-RAYS? A SINGLE-INSTITUTION VALIDATION STUDY
Institution: The Ohio State University
Presenter: Shuruthi Srinivas, MD
Discussant: Rishi Rattan, MD - Legacy Emanuel Medical Center
- 3:10 pm #23 IS RIB FRACTURE LOCATION AN UNDERUTILIZED COMPONENT OF BLUNT CHEST WALL TRAUMA TRIAGE?
Institution: Christiana Care Health System
Presenter: Kelly Poirier, DO
Discussant: Jeff Choi, MD, MSc - Stanford University
- 3:25 pm #24 SCANNING THE AGED TO MINIMIZE MISSED INJURY: AN EAST MULTICENTER STUDY
Institution: MetroHealth Medical Center
Presenter: Vanessa Ho, MD, MPH, PhD
Discussant: Alexandra Briggs, MD - Dartmouth Hitchcock Medical Center

THURSDAY, JANUARY 11, 2024 continued

PARALLEL SCIENTIFIC SESSION V

Presiding: Kyle Cunningham, MD, MPH & Molly Flannagan, MD

1:40 pm pm-3:40 pm

Location: Grand Ballroom 1-2, Lobby Level

- 1:40 pm #25 IS BARBED BETTER? EVALUATION OF TRICLOSAN-COATED BARBED SUTURE ON WOUND COMPLICATIONS FOLLOWING EMERGENCY LAPAROTOMY
Institution: LAC+USC Medical Center
Presenter: Joshua Dilday, DO
Discussant: Caitlin Fitzgerald, MD - East Carolina University
- 1:55 pm #26 TO CLOSE OR NOT TO CLOSE?: WOUND MANAGEMENT IN EMERGENT COLORECTAL SURGERY EAST MULTICENTER TRIAL
Institution: Luminis Health
Presenter: Cristina Feather, MD, MHS
Discussant: Samuel Ross, MD, MPH – Carolinas Medical Center
- 2:10 pm #27 A RETROSPECTIVE COMPARISON OF THE KING LARYNGEAL TUBE AND I-GEL SUPRAGLOTTIC AIRWAY DEVICES FOR INJURED PATIENTS
Institution: West Virginia University
Presenter: Tanner Smida, BS, NREMT-A
Discussant: Leah Tatebe, MD – Northwestern University
- 2:25 pm #28 EFFECT OF CPR ON PERFUSION IN A PORCINE MODEL OF SEVERE HEMORRHAGIC SHOCK
Institution: LSUHSC-New Orleans
Presenter: Patrick Greiffenstein, MD
Discussant: Michael Wandling, MD, MS - University of Texas at Houston
- 2:40 pm #29 PREBOA VS ER-REBOA: THE IMPACT ON BLOOD UTILIZATION AND RESUSCITATION REQUIREMENTS: A PILOT ANALYSIS
Institution: Morehouse School of Medicine
Presenter: Jonathan Nguyen, DO
Discussant: Peter Fischer, MD - University of Tennessee Health Science Center
- 2:55 pm #30 AVOIDING A SECOND HIT: RESUSCITATION ADJUNCTS TO PREVENT POST-INTUBATION HYPOTENSION IN PATIENTS WITH ISOLATED TRAUMATIC BRAIN INJURIES
Institution: The University of Arizona College of Medicine, Tucson
Presenter: Tanya Anand, MD, MPH
Discussant: Allyson Hynes, MD – University of New Mexico
- 3:10 pm #31 WHOLE BLOOD: TOTAL BLOOD PRODUCT RATIO IMPACTS SURVIVAL IN INJURED CHILDREN
Institution: University of Pittsburgh Medical Center
Presenter: Erin Feeney, MD
Discussant: Cristiano Torres, MD – Boston university School of Medicine/Boston Medical Ctr
- 3:25 pm #32 A QUALITY ASSESSMENT TOOL FOR FAST EXAMS USING ARTIFICIAL INTELLIGENCE
Institution: Prisma Health Upstate
Presenter: John Cull, MD
Discussant: Caroline Park, MD, MPH - University of Texas Southwestern Medical Center

4:00 pm-5:15 pm

No Suit, No Problem: Fostering Relationships & Building Careers Presented by the EAST Career Development Committee

Location: Bonnet Creek Ballroom Salons IV-VI, Lobby Level

5:30 pm-7:30 pm

Industry Satellite Symposium - Teleflex - Hamilton & Indian River Lower Level

FRIDAY, JANUARY 12, 2024

PARALLEL SCIENTIFIC SESSION VI

Presiding: John Cull, MD & Libby Schroeder, MD

8:15 am-10:15 am

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

- 8:15 am #33 DOES WHOLE BLOOD RESUSCITATION INCREASE RISK FOR VENOUS THROMBOEMBOLISM IN TRAUMA PATIENTS?: A COMPARISON OF COMPONENT THERAPY VS WHOLE BLOOD IN 3468 PATIENTS
Institution: University of Texas Health Sciences Center
Presenter: Brittany Hout, PA-C
Discussant: Andrew Fisher, MD – New Mexico School of Medicine
- 8:30 am #34 A COLLABORATIVE MULTIDISCIPLINARY TRAUMA PROGRAM IMPROVEMENT TEAM IMPROVES VTE CHEMOPROPHYLAXIS GUIDELINE COMPLIANCE IN STABLE TBI
Institution: Medical College of Wisconsin
Presenter: Abdul Hafiz Al Tannir, MD
Discussant: Linda Reinhart, MSN, RN, CNS, CCRN, TCRN – Grandview Health
- 8:45 am #35 EARLY VENOUS THROMBOEMBOLISM PROPHYLAXIS IS SAFE AND EFFECTIVE IN TRAUMA PATIENTS REQUIRING URGENT NEUROSURGICAL INTERVENTIONS: ANALYSIS OF THE PROSPECTIVE MULTICENTER CLOTT STUDY
Institution: Chang Gung Memorial Hospital, Linkou, Taiwan
Presenter: Yutung Wu, MD
Discussant: Amanda Teichman, MD - Rutgers Robert Wood Johnson Medical School
- 9:00 am #36 TIMING OF VTE PROPHYLAXIS AND COMPLICATIONS IN POLYTRAUMA PATIENTS UNDERGOING MAJOR ORTHOPEDIC SURGERY: A NATIONWIDE ANALYSIS
Institution: Boston University Medical Center
Presenter: Anna Kobzeva-Herzog, MD
Discussant: Jonathan Meizoso, MD, MSPH - Ryder Trauma Center/University of Miami
- 9:15 am #37 IDENTIFYING PATIENT CHARACTERISTICS ASSOCIATED WITH DELAYS IN ORTHOPAEDIC PROCESS MEASURES
Institution: University of Michigan
Presenter: Nishant Gohel, MD
Discussant: Erik Barquist, MD – Extant Healthcare
- 9:30 am #38 AUTOLOGOUS SKIN CELL SUSPENSION COMBINED WITH MESHED AUTOGRAFT REDUCES DONOR SKIN REQUIREMENTS IN TRAUMATIC SOFT TISSUE DEFECTS
Institution: MedStar Washington Hospital Center
Presenter: Taryn Travis, MD
Discussant: Charles C. Butts, MD – University of South Alabama
- 9:45 am #39 STOP THE BLEED FOR KIDS: A PEDIATRIC APPROACH TO THE NATIONAL EDUCATION CAMPAIGN
Institution: Denver Health Medical Center
Presenter: Melissa Anderson, MBA, BSN, RN
Discussant: Christina Colosimo, DO, MS - University of Arizona, Tucson
- 10:00 am #40 A MULTI-DIMENSIONAL APPROACH TO IDENTIFYING THE HIGHEST PERFORMING TRAUMA CENTERS ACROSS THE UNITED STATES
Institution: Sunnybrook Health Sciences Center and the University of Toronto
Presenter: Arielle Thomas, MD, MPH, MSc
Discussant: Jessica Burgess, MD - Eastern Virginia Medical School

FRIDAY, JANUARY 12, 2024 continued

PARALLEL SCIENTIFIC SESSION VII

Presiding: Lauren Dudas, MD & Ronnie Mubang, MD

8:15 am-10:15 am

Location: Grand Ballroom 1-2, Lobby Level

- 8:15 am #41 THE ROLE OF EMERGENCY DEPARTMENT THORACOTOMY IN PATIENTS WITH CRANIAL GUNSHOT WOUNDS
Institution: University of Pennsylvania
Presenter: Justin Hatchimonji, MD, MBE, MSCE
Discussant: Lisa Kodadek, MD - Yale New Haven Health/Yale School of Medicine
- 8:30 am #42 ENDLESS HIGHWAYS: THE BURDEN OF TRANSFERRED TRAUMATIC BRAIN INJURY PATIENTS IN THE UNITED STATES
Institution: The University of Arizona
Presenter: Sai Krishna Bhogadi, MD
Discussant: Ayodele Sangosanya, MD, MBA - Yale-Bridgeport Hospital
- 8:45 am #43 IMPACT OF CATASTROPHIC BRAIN INJURY PROTOCOLS ON ORGAN DONATION RATES: RESULTS OF AN EAST MULTICENTER TRIAL
Institution: Tulane University School of Medicine
Presenter: Kristen Nordham, MD, MS
Discussant: Eric Mahoney, MD – Lahey Hospital and Medical Center
- 9:00 am #44 BLUNT CEREBROVASCULAR INJURY: THE ROLE OF NUMBER AND LATERALITY OF AFFECTED VESSELS ON RADIOLOGIC AND CLINICAL OUTCOMES
Institution: The University of Arizona College of Medicine, Tucson
Presenter: Hamidreza Hosseinpour, MD
Discussant: Stefan Leichtle, MD, MBA – Inova Health System
- 9:15 am #45 SAVING LIMBS AND LIVES: A NOVEL PERCUTANEOUS VESSEL OCCLUSION DEVICE TO COMBAT JUNCTIONAL HEMORRHAGE IN TRAUMA
Institution: Madigan Army Medical Center
Presenter: Beau Prey, MD
Discussant: Madhu Subramanian, MD – Johns Hopkins Hospital
- 9:30 am #46 PROLONGED HOURLY NEURO EXAMS ARE ASSOCIATED WITH INCREASED DELIRIUM AND NO DISCERNIBLE BENEFIT IN MILD/MODERATE GERIATRIC TBI
Institution: Washington University in Saint Louis
Presenter: Ricardo Fonesca
Discussant: Joseph Posluszny, MD – University Hospitals
- 9:45 am #47 THE IMPACT OF POST-OPERATIVE ENTERAL NUTRITION ON DUODENAL INJURY OUTCOMES: A POST HOC ANALYSIS OF AN EAST MULTICENTER TRIAL
Institution: Rutgers Robert Wood Johnson Medical School
Presenter: Rachel Choron, MD
Discussant: Michael C. Smith, MD – Vanderbilt University Medical Center
- 10:00 am #48 USE OF AN INTEGRATED PULMONARY INDEX PATHWAY DECREASED UNPLANNED ICU ADMISSIONS IN ELDERLY PATIENTS WITH RIB FRACTURES
Institution: North Memorial Medical Center
Presenter: Nicholas Davis, MD
Discussant: David Hampton, MD, MEng – University of Chicago
- 10:15 am – 10:30 am Break – Refreshments in the Exhibit Area
Bonnet Creek Ballroom Salons I-VI, Lobby Level

FRIDAY, JANUARY 12, 2024 continued

10:30 am-11:30 am

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

Engage the Experts

Presented by the EAST Career Development Committee & the EAST Rural Care 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: Jordan Estroff, MD, Prerna Ladha, MBBS, Hassan Mashbari, MD, DABS, Stephanie Streit, MD

Experts:

Marie Crandall, MD, MPH

Richard Sidwell, MD

Kenneth Wilson, MD

Case Presentations:

- Severe Tracheal Injury Following Blunt Injury – Phillip Kim, MD, MBA
- No Flow, No Flights: A Case of Mesenteric Ischemia in Rural West Virginia – Connor Park Mamikunian, MD
- The Unlucky Horseshoe – Tiffany Paradis, MD

11:45 am-12:30 pm

Scott B. Frame, MD Memorial Lecture

Karen J. Brasel, MD, MPH

Better than an Expert at One

Location: Bonnet Creek Ballroom Salons VII-XII, Lobby Level

12:45 pm-2:15 pm

EAST Annual Report, Awards Ceremony & Recognition & Gavel Exchange Luncheon

Open to all assembly attendees

Location: Grand Ballroom 1-2, Lobby Level

FRIDAY, JANUARY 12, 2024 continued

2:30 pm-5:30 pm EAST Short Courses

Short Course #1

Taking Your Study Design and Statistical Analysis to the Next Level: A Practical Tour of Prevalent Pitfalls and How to Navigate Them

Presented by the EAST Manuscript and Literature Review Committee

Location: Hamilton/Indian River, Lower Level

Presented by the EAST Manuscript and Literature Review Committee

In this short course, surgeons engaged in science will be provided with a toolset for both applying and critically appraising biostatistics in research. Specifically, prevalent pitfalls in common study designs (from propensity matching and multivariable regression) and data interpretation (with topics spanning thresholding and p values) will be reviewed. The course will also elevate participant's methodologic understanding of machine learning and evidence synthesis.

Moderators: Jeff Choi, MD, MSc & Julia Coleman, MD, MPH

Speakers (subject to change):

Jeff Choi, MD, MSc

Molly Douglas, MD

Tabitha Garwe, PhD, MPH

Molly Jarman, PhD

Lucy Z. Kornblith, MD

Short Course #2

Robotics in Acute Care Surgery: Crawl, Walk, then Run!

Presented by the EAST Emergency General Surgery Committee & the EAST Mentor Member Committee

Location: Central Park Ballroom A-D, Waldorf Astoria, Lobby Level (accessible from Bonnet Creek Mtg Space Foyers)

Robotics represent the most technologically advanced approach in minimally invasive surgery. Initially used in surgical subspecialties, its application is growing rapidly. Acute care surgeons are beginning to utilize robotics to deliver minimally invasive care to patients who typically would have received open surgeries. Many hospitals are equipped with robotic platforms, however, not all Acute Care Surgeons are equipped with the knowledge and skills to grow this practice. This short course will feature didactic sessions given by faculty who are credentialed in robotic surgery and experienced in the application of robotic surgery and techniques to the acute care surgery patient population.

Moderators: Michael Cripps, MD, Stephanie Eosten Joyce, MD, Matthew Martin MD, Andrea Pakula, MD, MPH

Speakers:

Bruce Crookes, MD

Stephanie Eosten Joyce, MD

Kyle Leneweaver, DO

Matthew Martin, MD

Andrea Pakula, MD, MPH

Joseph Sakran, MD, MPH, MPA

Ruby Skinner, MD

Leah Tatebe, MD

Short Course #3

Evidence into Action: How to Develop and Incorporate Evidence-Based Guidelines and Clinical Pathways in Clinical Practice

Presented by the EAST Guidelines Committee & the EAST Educational Resources Committee

Location: Central Park Ballroom E-H, Waldorf Astoria, Lobby Level (accessible from Bonnet Creek Mtg Space Foyers)

EAST is known as a leader in evidence-based trauma care, emergency general surgery, surgical critical care, and injury prevention. This session will not only review methods for developing evidence-based PMGs and CCPs, but will also disseminate strategies for implementing evidence-based care at both the local and national level. In this short course attendees will obtain familiarity with the steps required to generate a high-quality evidence-based PMG and CCP, learn how to use best practices to perform a systematic literature search and create recommendations based on scientific evidence, and learn tips and tricks on how to implement evidence-based clinical care locally and nationally through promulgations efforts.

Moderators: George Kasotakis, MD, MPH & Lisa Kodadek, MD

Speakers:

- Steps for generating a high-quality PMG and CCP - Amelia Maiga, MD, MPH & Ida Molavi, MD
- Best practices – systematic literature review – Joshua Ng-Kamstra, MDCM, MPH & Amanda Teichman, MD
- Intro to software: GRADEpro and RevMan – Jennifer Freeman, MD & Asanthi Ratnasekera, DO
- Implementation of evidence-based clinical decision support tools – Rachel Morris, MD & Elizabeth Turner, MD, MS
- Promulgation of evidence-based clinical decision support tools – Lauren Dudas, MD & Melissa Warta, MD
- Best practices for publishing your PMG or CCP – Jordan Kirsch, DO & Patrick Murphy, MD



37TH ANNUAL SCIENTIFIC ASSEMBLY

Eastern Association for the Surgery of Trauma
Advancing Science, Fostering Relationships, and Building Careers

January 9-13, 2024
Signia by Hilton Orlando Bonnet Creek
Orlando, Florida
#EAST2024

**Thank you to the following companies and organizations who are exhibiting at the
37th EAST Annual Scientific Assembly!**
(as of 12/22/2023)

- Acera Surgical
- American Burn Association
- American Trauma Society
- Aroa Biosurgery
- ASR Systems | TITAN CSR Retractor
- Association of Out Surgeons and Allies (AOSA) - @OutSurgeons
- AstraZeneca - @AstrazenecaUS
- AtriCure, Inc. - @AtriCure
- AVITA Medical - @AvitaMedical
- Beeken Biomedical
- Cerus Corporation
- CLR Medical - @clrmedical
- Coalition for National Trauma Research (CNTR) - @NatTrauma
- DePuy Synthes
- Extant Healthcare, LLC
- Front Line Medical Technologies, Inc. - @frontlinecobra
- Grifols
- Haemonetics Corporation
- Hemosonics
- Integra Lifesciences
- InventoRR MD
- *Journal of Trauma and Acute Care Surgery (JTACS)* - @JTraumAcuteSurg
- Kerecis - @kerecis
- KLS Martin Group
- Latino Surgical Society
- LifeScience PLUS
- Mermaid Medical
- NeurOptics, Inc. - @NeurOpticsInc
- Northwell Health
- OSF HealthCare
- PolyNovo North America - @polynovoltd
- Prytime Medical Devices
- Sentinel Medical Technologies
- Smith & Nephew, Inc.
- Society of Trauma Nurses
- Synapse Biomedical, Inc.
- Synergy Health Partners
- TELA Bio, Inc.
- Teleflex
- Texas Health Physicians Group
- Trauma Center Association of America (TCAA) - @Traumacenters
- Weatherby Healthcare - @WeatherbyHealth
- Wellstar Health System
- Zimmer Biomet - @zimmerbiomet



Eastern Association for the Surgery of Trauma

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