

TRAUMA SYMPOSIUM 2025

Current Trends in
Trauma Care



October 24, 2025

Murphy Center™ at Dowdy-Ficklen Stadium™
100 Ficklen Drive
Greenville, NC 27858

Jointly provided by:

The Trauma Program at ECU Health, The Center for Learning and Performance at ECU Health Medical Center, the Brody School of Medicine at East Carolina University®, and Eastern Area Health Education Center



EASTERN AHEC
PART OF NC AHEC

Symposium Description

2025 marks the 22nd year of this annual symposium. This dynamic symposium will explore the identification, management, and resuscitation strategies for adult and pediatric trauma in eastern rural North Carolina. Designed for trauma clinicians, the program offers a comprehensive update on current evidence-based practices for a broad spectrum of emergency conditions and responses. The event will conclude with an interactive expert panel, featuring case discussions and a live Q&A session to address audience questions and insights.

Who Should Attend

This program is intended for various disciplines needed to provide optimal care to the injured patient, including physicians, nurses, nurse practitioners, physician assistants, emergency physicians and surgeons, pre-hospital care providers, respiratory care practitioners, radiology technicians and other interested health care professionals.

Objectives

What everyone in Trauma is talking about these days...

- Identify opportunities for trauma patients to be safely managed at Level III and IV Trauma Centers
- Enhance readiness to care for pediatric, geriatric, and pregnant trauma patients
- Examine the impact of ubiquitous pre-hospital tourniquet application
- Explore the role of damage control surgery for non-abdominal trauma
- Discuss the management of complex blunt chest trauma patients
- Identify when VTE prophylaxis dosing should be adjusted to address unique risk characteristics
- Review the evolution of hemostatic resuscitation

Initial care of the burn patient

- Examine guidelines for transfer of burn patients
- Describe burn resuscitation and initial wound care prior to transfer
- Outline steps to manage prolonged pre-transfer care/ transfer delays
- Discuss statewide burn telemedicine program
- Review the current state of burn outreach and education in NC
- Discuss the future of artificial intelligence in burn education and disaster preparedness

Traumatic Brain Injury: What's the BIG deal?

- Review the clinical presentation and management strategies for patients classified under BIG 2 and BIG 3 categories
- Explain the Pediatric BIG criteria for identifying severely injured children
- Differentiate trauma severity levels—moderate and severe in pediatrics, and all levels in adults—to guide appropriate trauma team activation and management strategies

Addiction in the trauma population: From EMS to discharge

- Examine the prevalence and neurophysiology of the disease of addiction
- Analyze the effectiveness of medications available to treat substance use disorders
- Evaluate the barriers to starting and continuing these medications

Trauma from the patient's perspective

Evaluate the trauma care delivery system from the patient's perspective

Stabilization from EMS to Unit

EMS perspective for stabilization of trauma patients.

- Discuss initial prehospital assessment of the trauma patient
- Discuss options for airway management on scene and on route
- Discuss hemorrhage control management in the prehospital setting
- Discuss key information needed in the hand-off at the ED

ED/Trauma Bay perspective for stabilization of trauma patients

Explore the key stabilization techniques and coordinated transitions of care, from initial EMS response through emergency department treatment to intensive care unit management

Damage Control Part 2: The correction of physiologic exhaustion

- Describe the pathophysiology of hypothermia and rewarming patients
- Outline the principals of damage control resuscitation
- Evaluate the restoration of normal acid/base balance

Objectives (Continued)

Pediatric Concussion: A multidisciplinary approach to recognition, management, and recovery

- Identify common mechanisms and clinical patterns of pediatric concussion, including red flag symptoms that warrant urgent intervention or referral
- Describe evidence-based strategies for emergency department assessment and initial management, including the role of imaging, laboratory testing, and decision-making for safe discharge and outpatient referral
- Outline comprehensive follow-up care, including criteria for specialist referral, and the role of physical therapy and other modalities in promoting recovery and when patients are able to return to activity

Stump the Mentor

Discuss complex trauma cases with the experts and compare best practices

Agenda

- 7:00 a.m.** **Registration/Breakfast/Vendor Exhibitions**
ECU Simulation Truck
- 8:00 a.m.** **Welcome and Program Introduction**
David Trisler, DO, FACS
- 8:30 a.m.** **What everyone in Trauma is talking about these days...**
Greg Schaefer, DO, FACS, FCCM
- 9:30 a.m.** **Initial Care of the Burn Patient**
Booker King, MD, FACS, FABA, FACCWS
- 10:30 a.m.** **Break/Vendor Exhibitions**
- 10:45 a.m.** **Traumatic Brain Injury: What's the BIG deal?**
Jennifer Griswold, MD
- 11:30 a.m.** **Addiction in the Trauma Population: From EMS to discharge**
David H. Ryan, MD, FASAM, FACOG
- 12:30 p.m.** **Lunch/Vendor Exhibitions**
- 1:30 p.m.** **Trauma from the patient's perspective**
Moderator: Mark Newell, MD
- 2:15 p.m.** **EMS Pearls for stabilization in the back of the truck**
Roberto Portela, MD, FACEP, FAEMS
- ED: The Trauma Center perspective for stabilization of trauma patients**
Sejul Chaudhary, MD
- Damage Control Part 2: The correction of physiologic exhaustion**
Michael Bard, MD
- 3:15 p.m.** **Break/Vendor Exhibitions**
- 3:30 p.m.** **Pediatric Concussion: A multidisciplinary approach to recognition, management, and recovery**
Emily Catalano, MD
- 4:15 p.m.** **Stump the Mentor- case study review**
Moderator: Josh Aldridge, MD
Panelists:
Mark Newell, MD, MMM, FACS
Sejul Chaudhary, MD
Michael Bard, MD
Eric A. Toschlog, MD, FACS, FCCM
- 5:00 p.m.** **Adjourn**

2025 Planning Committee

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Guest Faculty

Gregory Schaefer, DO, FACS, FCCM

Professor of Surgery
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West Virginia University

Booker King, MD, FACS, FABA, FACCWS

Oliver R Rowe Distinguished Professor
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ECU Health Faculty

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ECU Health Neurology

Credit

Physicians: 7.5 AMA PRA Category 1 Credits™

Accreditation: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Brody School of Medicine at East Carolina University, ECU Health Medical Center in association with Eastern Area Health Education Center Department of Nursing and Allied Health Education. The Brody School of Medicine at East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.



Credit: The Brody School of Medicine at East Carolina University designates this live activity for a maximum of 7.5 AMA PRA Category 1 Credits™. Physicians should claim only those credits commensurate with the extent of their participation in the activity.

American Board of Surgery (ABS) Continuous Certification:

Successful completion of this CME activity enables the learner to earn credit toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

Nursing Credit: 7.5 Nursing Contact Hours

*1.0 hour of which is pharmacotherapeutic contact hours

Eastern AHEC Department of Nursing and Allied Health Education is approved as a provider of nursing continuing professional development by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Participants must attend the 90 % of the program in order to earn contact hour credit.

Verification of in person participation will be noted by check-in at the start of the program and initial-out at the conclusion of the program.

CME for Physicians Assistants

AAPA accepts certificate of participation for educational activities certified for AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME or a recognized state medical society. Physician Assistants may receive a maximum of 7.5 hours of Category I credit for completing this program.

EMS Continuing Education Credit

Application has been made for 7.5 hours of education.

Other Professionals

All other participants will receive 7.5 Eastern AHEC Contact Hours.

Registration Information

Registration is online only at EasternAHEC.net and requires a current MyAHEC account. Registration will close at the start of the program.

- EMS \$60
- Nurses and Other Healthcare Professionals \$100
- MD \$125

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NC AHEC Photo Policy

Attendance at this activity grants permission for Eastern AHEC to use any photographs, audio, video, or other images from this activity for promotional or educational purposes. Please notify an AHEC staff member if you have concerns.

Cancellation/Refund Policy

- Cancellations must be in writing (easternahec@ecu.edu).
- Registrants canceling between two weeks and two full business days prior to the first day of the event are refunded at 70% of the registration fee subject to a minimum \$25 cancellation fee.
- No refunds or credits will be given for cancellations received less than two full business days prior to the event.
- Cancellations greater than two weeks prior to the event will receive 100% refund.
- No vouchers will be issued in lieu of a refund.
- Transfers/substitute(s) welcome (notify in advance of the program).

Handouts and Evaluations

Handouts will be available online only. One week prior to the program, registrants will receive an event reminder email with instructions to access handouts along with other program information.

Evaluations will be emailed after the program. Once the evaluation has been completed, your certificate will be available.

Americans with Disabilities Act



Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the ADA coordinator at least five days prior to the event at 252-737-1018 / ada-coordinator@ecu.edu.

If you would like more information on the program, please contact the Department of Nursing and Allied Health Education at richardm23@ecu.edu or (252) 744-5220.

