

PRESESSIONS: Tuesday, September 25, 2018, 1:00–5:00 PM

“MILITARY AND CIVILIAN TRAUMA SYSTEM INTEGRATION: WHERE HAVE WE COME, WHERE ARE WE GOING, AND WHAT CAN WE LEARN FROM OUR INTERNATIONAL PARTNERS”

Sponsored by the Military Liaison Committee/International Relations Committee

MODERATOR: Michel Aboutanos, MD

The US military have seen great successes in the last two decades of war. The development of the Joint Trauma System and revolutionizing transport of critically injured patients resulting in the lowest Case Fatality Rates in history. Unfortunately, during inter-war period lessons learned are lost that not only have to be relearned but result in a lower survival rate at the beginning of the next conflict. Enormous efforts are currently underway to preserve those lessons learned and keep the military force ready to deploy not only with equitable, if not superior skills, than our predecessors. Success requires the multifaceted efforts of military and civilian surgeons, administrators, military leadership and Congress. In the last 2 years laws have been passed that will change the future military force as well as military surgical readiness. This session will focus on how we will take advantage of recently passed legislation to help ensure we do not repeat the mistakes of the past, implement effective change, and develop a trauma-ready, enduring future military force.

US Section, 2 hours: Focusing on the Failures: Forgoing Future Facsimile

International Section, 2 hours: This is How We Do It: International Initiatives for Military Surgeon Readiness

Focusing on the Failures: Forgo Future Facsimile		
Time	Topic	Speaker
1:00-1:05 PM	Welcome/Introduction	Steven Smith, MD & Mike Aboutanos, MD
1:05-1:30 PM	The KSA Project: (1) <i>An Innovative Solution: Preparing a Trauma Ready Force</i> (2) <i>Maintaining the Status Quo: another checklist that will not meet the intent</i>	Eric Elster, MD vs John Holcomb, MD
1:30-1:55 PM	Military Trauma Centers: (1) <i>All Military Hospitals Should be Trauma Centers</i> (2) <i>No Military Hospitals Should be Trauma Centers</i>	Jeffrey Bailey, MD vs Matthew Martin, MD
1:55-2:20 PM	MTF Trauma Center Verification: (1) <i>We Support You, But Here is Where You are Going to Fail</i> (2) <i>We Did it, It's Easy</i> (3) <i>We Did it, It's Not Easy</i>	Ronald Gross, MD Carlos Rodriguez, MD Zach Brown, DO, CDR, USN
2:20-2:40 PM	We Are General Surgeons and... (1) <i>We are 'Trauma Ready'</i> (2) <i>We are NOT 'Trauma Ready'</i>	Rob Lim, MD vs. Doug Stoddard, MD
2:40-3:00 PM KEYNOTE	How Do We Prevent Peacetime Military Medicine from Becoming the World's Largest HMO?	VADM Rocky Bono

This is How We Do It: International Initiatives for Military Surgeon Readiness		
Time	Topic	Speaker
3:15-3:35 PM	Military trauma surgeons should be able to care for any injury and do this within civilian systems	Jan Jensen, MD vs. Daniel Grabo, MD
3:35-3:45 PM	This is how we do it: Qatar	Rueben Peralta, MD
3:45-3:55 PM	This is how we do it: Netherlands	Teunis van Egmond, MD
3:55-4:05 PM	This is how we do it: Australia	Mary Langcake, MD
4:15-4:25 PM	This is how we do it: Sweden	Per Ortenwall, MD
4:30-5:00 PM	Panel Discussion	All panelists

“FIREARM INJURY PREVENTION: IT STARTS WITH A CONVERSATION”

Sponsored by the Pediatric Trauma and Injury Prevention Committees

MODERATOR: Deborah A. Kuhls, MD, and Margaret Knudson, MD

Description: This pre-session is targeted to pediatric and adult physicians and other healthcare and injury prevention professionals who interact with patients across the spectrum of ages. Goals of this pre-session include: (1) understanding the epidemiology of pediatric and adult patients who are at risk of intentional and unintentional firearm injuries; (2) review the fundamentals of talking with parents and patients about their risk of firearm injury and strategies to prevent such injuries, including safe storage of firearms and ammunition; (3) leveraging violence prevention and intervention to decrease firearm injury and recidivism; and (4) advocating for our pediatric and adult patients.

1. The epidemiology of pediatric firearm injuries in the US — Richard Falcone, Jr., MD, MPH
2. The epidemiology of adult firearm injuries in the US — Ronald Stewart, MD
3. Talking to parents and patients about safe storage of guns and ammunition — Brendan Campbell MD, MPH; Peter Masiakos, MD; Eric Kuncir, MD, MSc; Robert Letton, MD
4. Talking with parents and patients regarding depression and suicide — Dorian Lamis, PhD
5. Addressing intimate partner violence and the risk of firearm injury and death — Stephanie Bonne, MD
6. Engaging victims of violence to prevent recidivism — Rochelle Dicker, MD; Thomas Duncan, DO
7. Talking with adult patients about risk and prevention of firearm injury, including risks associated with cognitive impairment and dementia — Zara Cooper, MD, MSc
8. State and federal advocacy opportunities to decrease firearm injuries — Eileen Bulger, MD, and Peter Masiakos, MD

ACUTE CARE SURGERY — MAINTENANCE OF CERTIFICATION

Sponsored by the Acute Care Surgery Committee

SESSION	MODERATOR	TOPIC	SPEAKER
Trauma	Carlos Brown, MD	Contemporary Management of Penetrating Neck Injuries	Kenji Inaba, MD
		Civilian Whole Blood Transfusion: Is It a Reality?	Martin Schreiber, MD
		Non-narcotic Options for Pain Control in Trauma	Andrew Bernard, MD
		Panel Discussion	Carlos Brown, MD
		BREAK	
SCC	Karen Brasel, MD, MPH	End of Life Care	Christine Cocanour, MD
		ARDS Update	Matthew Martin, MD
		Ultrasound in the ICU	Niels Martin, MD
		Panel Discussion	Karen Brasel, MD, MPH
		BREAK	
EGS	Clay Cothren Burlew, MD	Laparoscopy in Trauma and Emergency General Surgery	Andre Campbell, MD
		Emergency General Surgery in Pregnancy	Ali Salim, MD
		Management of the Open Abdomen after Emergency General Surgery	Paula Ferrada, MD
		Panel Discussion	Clay Cothren Burlew, MD
		ADJOURN	

“ACUTE CARE SURGERY CLINICAL OUTCOMES RESEARCH”

Sponsored by the AAST Strategic Planning Committee

MODERATOR: Daniel Holena, MD, MSCE, and Adil Haider, MD, MPH

SPEAKERS: TBD

This 4-hour pre-course will provide a broad overview of clinical outcomes research in acute care surgery from leaders in the field. Geared toward the early stage investigator, topics covered will include launching a research career in acute care surgery (funding sources, negotiating protected time for research, and other early career advice), available data sources for acute care research, and an overview of quantitative and qualitative methods commonly employed in outcomes research.

WELCOME AND COURSE OVERVIEW

Welcome and Course Overview – Adil Haider, MD, MPH/Daniel Holena, MD

STARTING YOUR ACUTE CARE SURGERY CLINICAL OUTCOMES RESEARCH CAREER

Negotiating Protected Time for Research – Heena Santry, MD

Funding Sources – Elliot Haut, MD, PhD

Advice for early stage investigators – Angela Ingraham, MD

DATA SOURCES FOR ACUTE CARE SURGERY CLINICAL OUTCOMES RESEARCH

The NTDB/NTS – Bellal Joseph, MD
The SID/SEDS/NIS/NEDS/NRD – Joseph Sakran, MD
The NSQIP/TQIP/EQIP – Zain Hashmi
The CDC datasets – Molly Jarman

BREAK

METHODOLOGY FOR ACUTE CARE SURGERY CLINICAL OUTCOMES RESEARCH

Quantitative methods: Regression modeling – Theresa Bell
Quantitative methods: Propensity matching – Joshua Brown, MD
Quantitative methods: Cost-effectiveness – Kristen Staudenmayer, MD, M.Sc
Qualitative Methods – Tanya Zakrison, MD

Keynote Speaker:

Bringing it all together – Avery Nathens, MD, PhD, MPH

Wrapup and Questions

Adil Haider, MD, MPH/Daniel Holena, MD

PRESESSIONS: Tuesday, September 25, 2018, 2:00–5:00 PM

“HANDS-ON LAPAROSCOPIC COMMON BILE DUCT EXPLORATION”

Sponsored by the Acute Care Surgery Committee

MODERATOR: Matthew Bloom, MD

SPEAKERS: Eric Hungness, MD

Ezra Teitelbaum, MD

Fernando Santos, MD

Dennis Kim, MD

Description

60–90 minutes of didactics and Q&A panel

60–90 minutes of hands-on with Common Bile Duct model

In the didactic session, participants will learn the set-up, equipment needed, different options, and necessary steps for a laparoscopic common bile duct exploration even in the acute setting. Participants will also review the interpretation of the difficult cholangiogram and surgical tips for a safe and successful cholecystectomy. The selection of patients for MRCP/ERCP and surgical bile duct exploration will be reviewed. Videos and discussion of challenging cases and alternative techniques will give participants the tools necessary to navigate difficult cases successfully. Finally, a Q&A panel session will complete the didactic component.

In the hands-on laboratory portion, each student will have the chance to do a laparoscopic common bile duct exploration with clearance of the common bile duct using a video choledochoscope and basket extraction techniques on a simulator. There will be a 1:3 ratio of instructor to students so surgeons should have multiple opportunities to perform the procedure. Proper endoscope usage and set-up will also be reviewed. At the end of the course, surgeons should feel comfortable performing this procedure in the acute setting.

PRESESSION NETWORKING RECEPTION: Tuesday, September 25, 2018, 5:00–6:30 PM