2014 Lunch Sessions

Thursday Lunch Sessions

1. *Management of Complications in the Bariatric Patient by the Acute Care Surgeon*
   
   **Sponsored by:** Acute Care Surgery Committee

   Moderator: Therese Duane, MD, VCU Medical Center
   Speakers: John Como, MD, MetroHealth Medical Center, Mark Shapiro, MD, Duke University Medical Center

   **Description:**
   With the increase in morbid obesity in this country, more ICU’s are dealing with the management of these patients. This session will address both the differences in pathophysiology that needs to be considered as well as some of the mechanical adjustments that need to be made to ensure optimal care, both in the operating room and in the ICU. Included in these discussions will be recognition of the comorbidities and outcomes for this patient population.

2. *Topical Hemostatics in Trauma and Emergency Surgery: when, what and how*
   
   **Sponsored by:** Education/CME Committee

   Moderator: Stephen Barnes, MD, University of Missouri
   Speakers: Martin Schreiber, MD, OSHU and Matthew J. Martin, MD Madigan Army Medical Center

   **Description:**
   Topical hemostatic agents are used as an adjunct to standard surgical techniques for hemorrhage control in trauma and emergency surgery. A wide range of different topical hemostatic agents are available to the acute care surgeon. The mechanism of action, indications and the appropriate clinical application of the most common topical hemostatic agents will be reviewed in detail, including guidelines for determining which agents are optimal for use in specific indications.

3. *Penetrating Thoracic Injuries: The cases, the pitfalls and the challenges.*
   
   **Sponsored by:** Program Committee

   Speakers: Juan Asensio, MD and Thomas Scalea, MD, R Adams Cowley Shock Trauma

   **Description:**
   Although penetrating thoracic trauma is relatively common in America’s Trauma Centers, life threatening thoracic injuries requiring immediate lifesaving surgical interventions are uncommon and account for approximately 10-15% of the cases. For these critically injured patients to survive, they require an organized approach including rapid transfusion protocol along with trauma surgeons that possess the appropriate operative skills to deal with cardiac, pulmonary, thoracic vascular and esophageal injuries. Life threatening thoracic injuries also poses unique challenges for the trauma surgeons with regards to timing and the incisions required accessing them.

   In this session, Drs. Asensio and Scalea will utilize a case-based format to illustrate the maneuvers and principles required for the management of these patients and will concentrate in organ specific surgical management including an in-depth review of surgical techniques.
4. **Writing and Reviewing for the Journal II: Critical Skills**  
*Sponsored by: Journal of Trauma and Acute Care Surgery*

Moderator: Steven Shackford, MD, Scripps Mercy Medical Center, Associate Editor, *Journal of Trauma and Acute Care Surgery*

Speakers: Ernest E. Moore, MD, Denver Health Medical Center and Editor, *Journal of Trauma and Acute Care Surgery* and Steven Shackford, MD

Description:
This session will present the basic and advanced reviewing skills for those who aspire to review for the *Journal of Trauma and Acute Care Surgery*. These skills will be emphasized by using a *faux manuscript submission* as a demonstration. The *faux submission* will be emailed to attendees in advance of the meeting. The attendees will be asked to write a review using the *Journal reviewer format* and to bring that with them to the lunch session. The *faux submission* will contain embedded flaws and these flaws, along with the substance of a good review, will be the subjects of the presentation and the discussion.

5. **Recognition and Management of Pediatric Acute Care Emergencies**  
*Sponsored by: Pediatric Trauma Ad Hoc Committee*

Moderator: Mary Fallat, MD, Kozair Children’s Hospital, University of Louisville

Speakers: Todd Maxson, MD, Arkansas Children’s Hospital and Jon Groner, MD Nationwide Children’s

Description:
Particularly in rural areas, children with emergent surgical problems may require diagnostic studies and operative management at a Trauma/Acute Care Surgery Center. This session will include relevant cases and strategies for the workup and initial or definitive care of children who present with a variety of problems: the acute abdomen (malrotation with volvulus, intussusception), foreign body ingestion/aspiration (button batteries, magnets), incarcerated hernia/acute scrotum, initial coverage of abdominal wall defects, GI bleeding, rectal prolapse, and emergency issues in medically fragile children (g-tubes, tracheostomies, and stomal prolapse).

6. **REBOA: New Kid on the Block**  
*Sponsored by: Program Committee*

Moderator: John Holcomb, MD, University of Texas Health Science Center at Houston

Speakers: Todd Rasmussen, MD, US Combat Casualty Care Research Program, Timothy Fabian, MD, and University of Tennessee Memphis, Laura Moore, MD, The University of Texas Health Science Center at Houston

Description: Overview of the indications of REBOA in the management of severely injured patients presenting with severe hypotension or hemorrhagic shock. Available clinical and animal data will be presented. Necessary equipment, resources, and personnel required for the development of a successful program will be discussed. A process for program development, education and training, credentialing, and maintenance of certification will be clearly described to serve as a guide for centers wanting to have such a program. Pitfalls and legal aspects will also be discussed.
**Friday Lunch Sessions**

7. **Managing unexpected findings at emergency laparotomy**  
   *Sponsored by: Acute Care Surgery Committee*

Moderator: Clay Cothren Burlew, MD, Denver Health Medical Center  
Speakers: Patrick Reilly, MD, University of Pennsylvania Medical Center and Hasan Alam, MD University of Michigan Health System

Description:  
As the population ages, more patients present with acute surgical emergencies are presenting with other findings at the time of laparotomy. A case based discussion identifying common intraoperative “surprises” will be presented.

8. **What’s new in reversal of systemic anticoagulation: new drugs, new challenges**  
   *Sponsored by: Education/CME Committee*

Moderator: Mitchell Cohen, MD, San Francisco General Hospital  
Speakers: Donald Jenkins, MD, Mayo Clinic and Ballal Joseph, MD, University of Arizona

Description:  
Rapid reversal of anticoagulation is required in acute care surgery patients with hemorrhage and traumatic brain injury (TBI). This can be challenging, in part related to the increasing use of novel oral anticoagulants (NOACs), including rivaroxaban (Xarelto), dabigatran (Pradaxa), apixaban (Eliquis) and others. National guidelines now recommend PCC (rather than FFP) as first-line therapy for warfarin reversal in bleeding patients. Unlike warfarin, NOACs have no specific reversal agents. This session will review the use of a systematic approach (based on an understanding of the properties of these drugs, the appropriate use and interpretation of coagulation tests, and awareness of available therapeutic strategies) to provide evidence-based strategies for prompt anticoagulation reversal in patients with hemorrhage and TBI.

9. **Surgical Management of Arterial and Venous Pelvic Hemorrhage.**  
   *Sponsored by: Program Committee*

Speakers: Raul Coimbra, MD, PhD, University of California San Diego and David Feliciano, MD, Indiana University Medical Center

Description:  
Surgical approach and management of severe arterial and venous pelvic hemorrhage will be discussed. Illustrative cases will be presented. Complication and pitfalls will be outlined.

10. **What every trauma surgeon should know about managing an unexpected, multiple casualty disaster**  
    *Sponsored by: Military Liaison Committee*

Moderator: Joseph Rappold, MD, Temple University School of Medicine and Susan Briggs, MD, Massachusetts General Hospital
Speakers: M. Margaret Knudson, MD, University of California San Francisco, George Velmahos, MD, PhD, Massachusetts General Hospital and Jay Doucet, Chair, MD, UCSD Medical Center

Description:
Responding to and successfully managing a disaster (natural or man-made) requires a set of skills that are not traditionally taught during surgical residencies and/or trauma fellowships. The recent events in Boston with the marathon bombing and in San Francisco with the crash of a major airline brought this fact to light. However, these special skills are a basic component of training in the military. This proposed session would draw on the experiences from our military colleagues in managing multiple/mass casualties including temporizing measures to control hemorrhage; in-hospital triage; multiple operative procedures occurring simultaneously; security issues; conservation of resources; psychological support and team decompression. As the result of this session, attendees would have a blueprint on how and where to obtain further training in this area. This might also lead to a skills session in the future endorsed by both the AAST and the ACS/COT as part of the disaster course that currently exists.

11. Death, Dying and Futile Care in the ICU, ED and OR – What have we learned?
   Sponsored by: Critical Care Committee

Moderator: Linda Maerz, MD, Yale University School of Medicine
Speakers: Richard Miller, MD, Vanderbilt University Medical Center, Bryan Cotton, MD, University of Texas Health Science Center at Houston, and Ann Mosenthal, MD, Rutgers University

Description:
Medical and surgical futility in the context of end-of-life care are encountered frequently in the practice of the acute care surgeon and surgical intensivist. Utilizing the results of a survey distributed to the AAST membership as a focal point of discussion, our attitudes and practices with respect to medical futility and end-of-life care in both trauma and emergency general surgery populations will be reviewed in this luncheon session.

12. Assessment of Geriatric Patient After Falls
   Sponsored by: Prevention and Geriatric Trauma Committees

Moderator: Fred Luchette, MD, Hines VA,
Speakers: TBD

Description: