



2012 Scientific Assembly Course Descriptions

Trauma

Burns: Treatment to the Nth Degree

WE-266 / 30 Minutes

Faculty: Brian Lin, MD

Wednesday, October 10 / 5:30 PM - 6:00 PM

Approximately 2.4 million burn injuries are reported in the US every year. Medical professionals treat approximately 650,000 burn patients and 75,000 are hospitalized. The survival and outcome of a critically ill burn patient can be impacted within the first few hours of evaluation and treatment. This course is appropriate for practicing emergency physicians who will be the first line in treating the critically ill burn patient.

The Combative, Uncooperative, Arrested, and Threatening Trauma Patient: A Legal, Ethical, and Medical Minefield!

WE-230 / 1 Hour

Faculty: Christopher B. Colwell, MD, FACEP

Wednesday, October 10 / 3:00 PM - 3:50 PM

It is common for the emergency physician, in addition to being a medical professional, to deal with psychological, ethical, and legal issues in trauma. When should alcohol levels or urine toxicology screens be sent? What information should be provided to the police? When can patients sign out and when are they too impaired? Should the police be called? What's the best method to restrain a trauma patient, and when is sedation appropriate? The speaker will discuss options for dealing with these patients.

Death of the Dinosaur: Debunking Trauma Myths

TH-289 / 1 Hour

Faculty: William K. Mallon, MD, FACEP

Thursday, October 11 / 9:00 AM - 9:50 AM

Over the last few decades, the evaluation and management of many traumatic injuries has improved dramatically. However, in many practice environments outdated ideas often persist. During this interactive course, the speaker will challenge the audience to identify the "best practices" in trauma assessment and management that remain today, and those that have been replaced with better evidence-based techniques.

Evidence-Based Minor Trauma Management

TU-140 / 1 Hour

Faculty: Christopher B. Colwell, MD, FACEP

Tuesday, October 9 / 3:00 PM - 3:50 PM

The management of common minor injuries is a major part of EM practice. Over the last few years, research in the ED has led to safe, efficient, and cost-effective treatments. However, many of these are still not universally practiced or known. The presenter will discuss management strategies, including those for wound care, ankle and knee injuries, head injuries in adults and children, pelvic trauma, and blunt cardiac injury.

Geriatric Trauma: How To Avoid Deadly Mistakes

TU-106 / 1 Hour

Faculty: Robert S. Anderson, Jr., MD

Tuesday, October 9 / 10:00 AM - 10:50 AM

Elderly patients are a difficult management task in trauma. Their unique physiology leads to presentations that are often subtle but life-threatening. They are at higher risk for worse morbidity and mortality with injuries similar to a younger population. They have unique injury patterns that may require specialized knowledge to diagnose, and they often are excluded from clinical pathways. Specific injuries to be discussed include subdural hematomas, rib fractures, hip fractures, and spinal trauma.

Heroic Procedures You Should Know

MO-56 / 1 Hour

Faculty: Trevor J. Mills, MD, MPH, FACEP

Monday, October 8 / 4:00 PM - 4:50 PM

Emergency thoracotomy is a lifesaving procedure that is not without significant risk to the patient and health care workers. Other heroic procedures are done infrequently but will they save lives? The speaker will discuss the indications and describe the proper technique for specific heroic procedures such as thoracotomy, diagnostic peritoneal lavage, cardiac wound repair, cricothyroidotomy, pericardiocentesis, venous cut down, and chest tube thoracostomy.

Hook 'em Up to the Fire Hose? IV Fluids, Red Blood Cells, Factor Replacements, and More

TH-304 / 1 Hour

Faculty: Luis M. Lovato, MD, FACEP

Thursday, October 11 / 11:00 AM - 11:50 AM

Resuscitation of unstable multiple trauma patients includes fluid replacement. How much intravenous fluid is appropriate in hemorrhagic shock? When should PRBCs, platelets, and other blood products be administered? What new synthetic blood replacement products are available to resuscitate patients? Attend this course to find out when to hook 'em up, what to give, and when to stop.

I'd Scan That! Effective Diagnostic Trauma Imaging

TU-116 / 1 Hour

Faculty: Christopher B. Colwell, MD, FACEP

Tuesday, October 9 / 12:30 PM - 1:20 PM

Today's emergency physicians are being challenged by multiple important, yet often conflicting motives. Move the meat and make more money! Reduce radiation exposure and cost! Miss anything and get sued! The speaker will discuss their approach to unique trauma cases. Compare the pros and cons of the pan scan, the ultrasound expert, and the "wait and see". The speaker will outline effective evidence-based diagnostic algorithms you can begin using today to manage all the motives and create the best possible outcomes for you patients.

It's Not Only a Concussion: Evaluation, Treatment and Disposition of the Minor Head Injured Patient

WE-176 / 1 Hour

Faculty: Peter Viccellio, MD, FACEP

Wednesday, October 10 / 8:00 AM - 8:50 AM

The emergency management of minor and major head injuries continues to evolve as new research findings are published. There may be serious occult pathology associated with a relatively normal examination. The speaker will review the literature on indications and limitations associated with scanning, admission, observation, and referrals. In addition, special presentation of pediatric and geriatric patients will be presented.

New Concepts in Trauma Care: Lessons from the Wars

TU-131 / 1 Hour

Faculty: Vikhyat S. Bebarta, MD, FACEP

Tuesday, October 9 / 1:30 PM - 2:20 PM

The US has been at war in the Middle East for over 10 years. In that time, there have been important changes in how trauma is practiced based on lessons learned from the physicians in the armed services. A physician who has practiced in the war zone and has used many of the new treatments will discuss the lessons learned and how some of the new treatments and management practices can be applied to your practice.

No OR? No Problem: Non-Operative Management Today

WE-250 / 1 Hour

Faculty: Carlo Rosen, MD, FACEP

Wednesday, October 10 / 4:00 PM - 4:50 PM

Is trauma surgery dying on the OR table? An increasing number of blunt abdominal and pelvic injuries today are managed non-operatively. During this case-based interactive format, the speaker will review a collection of recent multisystem blunt trauma cases in order to help answer the following important questions. Is the pan scan always needed? What injuries are best managed with interventional radiology techniques? When is observation only an option? Inpatient or outpatient? Which patients still absolutely require a trip to the OR?

Pediatric Trauma: Little People, Big Problems!

TH-306 / 1 Hour

Faculty: Genie E. Roosevelt, MD

Thursday, October 11 / 11:00 AM - 11:50 AM

Emergency physicians must quickly recognize differences between pediatric and adult trauma victims to effectively manage them. Through interactive case presentations centered on mechanisms of injury, the speaker will highlight the differences in both diagnostic and therapeutic modalities for the treatment of pediatric trauma victims. The speaker also will discuss disparities in physical examination, imaging modalities, and therapeutic interventions between adult and pediatric patients.

Putting the Pieces Back Together: Advanced Wound Closure in the ED

TU-108 / 1 Hour

Faculty: Gillian Schmitz, MD, FACEP

Tuesday, October 9 / 10:00 AM - 10:50 AM

The management of lacerations represents a major component in the practice of emergency medicine. Complicated lacerations, such as complicated scalp and irregular wounds, can be especially challenging. The presenter will address the principles of complex wound management and wound closure, and discuss the current literature behind advanced management techniques.

Thoracic Trauma: Answers to Tough Questions

TH-287 / 1 Hour

Faculty: Carlo Rosen, MD, FACEP

Thursday, October 11 / 9:00 AM - 9:50 AM

Does every patient with traumatic pneumothorax and hemothorax need a chest tube? What is the best approach to exclude aortic dissection? Are diaphragmatic injuries adequately diagnosed with CT or is diagnostic peritoneal lavage needed in some instances? Is ED ultrasound effective enough to exclude pericardial effusion? When is ED thoracotomy indicated in trauma? What is the best approach to exclude blunt cardiac injury? The speaker will answer these questions and provide a diagnostic approach for blunt and penetrating chest trauma.

Time and the Spine: An Age Based Approach to SCI

MO-73 / 1 Hour

Faculty: Michael Schindlbeck, MD

Monday, October 8 / 5:00 PM - 6:00 PM

Utilizing a case-based interactive discussion format, the speaker will describe the fundamental changes in spinal cord anatomy as we age and how these differences create variable injury patterns. The latest and greatest clinical decision rules for minimizing radiation exposure and maximizing diagnostic accuracy will be discussed. Recent reassessments of old dogma and new treatments of SCI will be provided to help your next SCI patient.

Trauma Management: A Visual Approach to Pearls and Pitfalls

MO-24 / 1 Hour

Faculty: Trevor J. Mills, MD, MPH, FACEP

Monday, October 8 / 12:30 PM - 1:20 PM

Good trauma care requires prompt recognition of a constellation of injuries. Presentation of these injuries may be readily apparent or subtle. Functional outcome is often sensitive, requiring the emergency physician to have skills in prompt recognition and management of the injury. The speaker will highlight important clinical pearls and pitfalls in the management of trauma patients from a visual perspective. The speaker will also integrate physical examination findings, radiographs, CT scans, and other visual cues necessary for management of trauma patients.

Trauma Talk: The Latest and The Greatest Trauma Literature

WE-211 / 1 Hour

Faculty: Carlo Rosen, MD, FACEP (Moderator); Christopher B. Colwell, MD, FACEP; Ernest E. Moore, Jr., MD, FACS, FCCM, FACN; Lee W. Shockley, MD, FACEP

Wednesday, October 10 / 12:30 PM - 1:20 PM

Join our panel of national trauma experts in a lively discussion and debate on the latest advances in the trauma literature. Each expert will present recent important articles on topics relevant to the ED management of the trauma patient. Furthermore, experts will review and debate pertinent landmark trauma research that still holds true today. Both the strength of the evidence as well as immediate practical applications will be presented, utilizing recent cases.

MO = Monday TU = Tuesday WE = Wednesday TH = Thursday