



2012 Scientific Assembly Course Descriptions

New Technology

NextGen CPR: Tools for the Experienced Provider

WE-268 / 30 Minutes

Faculty: Joshua S. Broder, MD, FACEP

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

The need for high quality CPR is here. The speaker will focus on CPR devices such as pistons, active-decompression, bladder-containing vests, and load-distributing bands, as well as others. The speaker also will review handheld smartphone applications that can improve CPR. The speaker will cover the science and distinguishing characteristics behind these devices. If you are considering these devices, don't miss this talk.

Non-Invasive Methods for Monitoring Critical ED Patients

TU-96 / 1 Hour

Faculty: Peter M. DeBlieux, MD, FACEP

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

Patients present sicker and stay longer in the ED these days. In the past, we have relied on invasive methods to monitor these patients. Cost, technical difficulty, and time demands had hindered widespread adoption of this technology. Newer, non-invasive hemodynamic monitoring is available in ED. The speaker will showcase new bedside lab tests and equipment that allows clinicians to assess vascular status, identify early shock states, and monitor response to resuscitation, using non-invasive or minimally invasive technology.

Pocket-Sized Probes: The Top Ten Devices That Will Change What You Carry in Your White Coat

TH-277 / 1 Hour

Faculty: Joshua S. Broder, MD, FACEP

Thursday, October 11 / 8:00 AM - 8:50 AM

Everything these days is getting smaller, lighter, faster, and thinner. The same is true of diagnostic devices, from smartphone ultrasounds and handheld vein finders, to pocket-sized woods lamps and using your iPhone as an ECG or stethoscope. It seems there is always a new device coming to market that would fit nicely in your white coat during even your most hectic shift. The speaker will focus on the top device pocket-sized devices that have the potential to change the manner in which you practice. If it won't fit in your pocket, you won't find it here.

Simulation Lab ABCs: Can You Manage These Critical Cases?

TU-90; TU-126 / 2 hours

Faculty: Andy Godwin, MD, FACEP (Moderator); David A. Caro, MD, FACEP; Alan Heffner, MD; Lisa Jacobson, MD; Yasuharu Okuda, MD, FACEP; Christopher Strother, MD; Teresa S. Wu, MD

Tuesday, October 9 / 8:00 AM - 9:50 AM; 12:30 PM - 2:20 PM

Simulation-based training provides the promise of allowing the emergency physician to experience and manage rarely seen clinical problems and perform rarely performed life-saving procedures. See if you can save these patients in this simulation lab. One of these patients may come into your ED on your next shift. *(This lab is limited to 20 participants.)*

Technology to Reduce Errors, Not Add Complexity

TH-297 / 1 Hour

Faculty: Donald J. Kosiak Jr., MD, MBA, FACEP

Thursday, October 11 / 10:00 AM - 10:50 AM

What if you aren't interested in those new fangled things, but you just don't want to make mistakes. Technology isn't always about just a new process or device. Sometimes it is merely an improvement in an old process that makes it all worthwhile. From electronic prescribing to checklists, technology driven initiatives to previously manual processes can increase your work productivity while simultaneously reducing the risk of medical errors. The speaker will discuss technology that is focused on error reduction for the practicing pit doc.

Telemedicine: It's Not Just Rural Anymore

TH-316 / 1 Hour

Faculty: Donald J. Kosiak, Jr., MD, MBA, FACEP

Thursday, October 11 / 12:00 PM - 1:00 PM

You work in an urban or suburban hospital, so you don't need to know about telemedicine, right? Wrong, the continuing shortage of on-call specialists, intensivists, and even emergency physicians has led to a rise in telemedicine. Whether you are the board certified emergency physician supporting an rural practitioner of EM, a moonlighting resident, you want to avert a nursing home resident from coming in, or you just need a psychiatric consult for the patient who has been in your ED for the past 6 days awaiting a "mobile crisis team" to get around to him, telemedicine is increasingly a viable option. As technology has progressed, so have the capabilities of telemedicine.

"There's An App for That": Hand-Held Devices and Applications That You Should Know

WE-210 / 1 Hour

Faculty: Joshua S. Broder, MD, FACEP

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

Can you increase your efficiency by using a hand-held digital assistant? In today's ED, rapidly sending and receiving information in a "trackable" manner has become imperative for safe and efficient practice. Access to information on the handheld devices has exploded in the past decade, and some applications are more useful than others. The presenter will review various ways in which the use of a hand-held PDA and accessing the most useful application can assist the busy practitioner in day-to-day practice.

Toys and Tools: New Devices and Products in Emergency Care

TH-317 / 1 Hour

Faculty: William K. Mallon, MD, FACEP

Thursday, October 11 / 12:00 PM - 1:00 PM

Many providers turn to technology hoping to improve efficiency and care. How many of the new devices are really useful or make life easier for the emergency physician? The speaker will demonstrate modern technological updates for ED procedures. You will learn about the array of new instruments on the market, including monitoring equipment, vascular access devices, airway adjuncts, ultrasound simulators, and telemedical technologies.

You Took the Words Right Out of My Mouth! Use of Medical Scribes in the ED

TU-112 / 1 Hour

Faculty: Robert W. Strauss, Jr., MD, FACEP

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

The ED is a busy place, but documentation is still important. Are there more efficient ways of getting your clinical evaluation onto the page? Have you ever wished you had a scribe? Emergency physicians are using them, and companies are rising up to supply your ED with

scribes. How do you get it started? Are pre-medical students the way to go or professional scribes? How much does it cost? What are the benefits? What are the risks? Come hear about these exciting new ways to be efficient!

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