

Make sure to register early,
there will be limited seating!

Class Location
Advanced Health Education Center
8502 Tybor Dr.
Houston, TX 77074

Hotels Nearby
Crowne Plaza
9090 Southwest Freeway
Houston, Texas 77074
(800) 227-6963 or (713) 995-0123
Room Rate: \$99*
Hotel Shuttle to AHEC

Hilton Houston Southwest
6780 Southwest Freeway
Houston, TX 77074
713-977-7911
Room Rate: \$99*
Hotel Shuttle to AHEC

*Must mention corporate negotiated rate

Who Should Attend:

- ✓ Emergency Medicine Physicians
- ✓ Emergency Medical Services Personnel
- ✓ Emergency Room RN's

[Click here to register!](#)

Sign Me Up...STAT! Please make copies for additional registrations.

Emergency Medicine Symposium	payment rec'd 14 days prior to course	payment rec'd less than 14 days prior to course
<input type="checkbox"/> Physician	\$239	\$254
<input type="checkbox"/> Sonographer, Paramedic, EMT and RN	\$139	\$154

Payment is enclosed payable to: Advanced Health Education Center. Chk # _____
 Please charge the total registration fee to: Visa MC AMEX Discover

Card No. _____ Expires _____ CCV _____

Signature of Holder _____

Mail To: Advanced Health Education Center • 8502 Tybor Drive • Houston, Texas 77074
Phone: 800-239-1361 • 713-772-0157 Fax: 713-772-0155
E-mail: register@AHECOnline.com **Web:** www.AHECOnline.com

Name _____
 Home Address _____
 City _____ State _____ Zip _____
 E-mail _____
 Phone (H) _____ Phone (W) _____
 Employer _____

Attached Total _____

ADVANCED HEALTH EDUCATION CENTER

8502 Tybor Drive • Houston, TX 77074



We will **SUCCEED** together

Emergency Medicine Symposium

October 10, 2009



Course Topics

- ✓ Expanded Ultrasound Applications in Emergency Medicine
- ✓ E-FAST
- ✓ Bedside Echocardiography
- ✓ Thoracic Ultrasound
- ✓ Ocular Ultrasound
- ✓ MSK Ultrasound
- ✓ Emergency Physician's Role in Forensic Pathology
- ✓ Injuries Associated with Automated Chest Compression Devices
- ✓ The Use of Ultrasound in the Pre-Hospital Setting

Emergency Medicine Symposium

Apply some acoustic gel onto to the skin and what do you see? Fan the probe cephalad and include the inferior surface of the organ just adjacent. Certainly the role of ultrasound in the practice of emergency medicine has evolved significantly in the last few years. Join us for a fast paced one day conference with expert faculty sharing their expertise with the most current topics and ultrasound applications clinically relevant to the practice of Emergency Medicine. Included are the newest procedures in “Your Way and Right Away” bedside ultrasound, prehospital experience with ultrasound in the field, and the most damaging aspects of using an automatic CPR device.

Course Objectives

At the completion of the course participants will be able to:

- Identify the ultrasound equipment and probes required to perform special applications in ultrasound
- Discuss the advantages and disadvantages of special applications ultrasound
- Describe the sonographic approach to special applications in ultrasound for the E-FAST, Bedside Echocardiography, Eye Trauma, IC Pressure Evaluation
 - Differentiate normal vs abnormal for special applications; i.e.; for the E-FAST, Bedside Echocardiography, Eye Trauma, IC Pressure Evaluation
- Describe the role of emergency personnel role in the process of collecting and gathering forensic evidence
- Discuss the procedure to follow to gather and collect forensic evidence
- List the advantages and disadvantages for the use of portable sonography equipment by EMS personnel
- Identify the procedures best suited for use of portable sonography
- Describe injuries associated with automated CPR equipment

Target Audience

Emergency Medicine Physicians who perform and interpret ultrasound scans, EMS personnel, Sonographers or other health professionals using ultrasound in the ED

CME

“The Advanced Health Education Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.”

“The Advanced Health Education Center designates this educational activity for a maximum of 8 hours AMA PRA Category 1™. Physicians should claim credit commensurate with the extent of their participation in this activity.”

“Application has been made to American College of Emergency Physicians for ACEP Category 1 Credit.”

Faculty



David Amponsah, MD has been the Director of EM Ultrasound at Henry Ford Hospital in Detroit since 2006. He has been involved in ultrasound education for several years. He has done considerable research in the area of musculoskeletal ultrasound in the emergency application and is involved with NASA in research of fracture diagnosis with ultrasound in space. He also is an assistant clinical professor at the Wayne State University School of Medicine and has been involved in the ultrasound curriculum project.

Dr. Amponsah experience in the widespread application of ultrasound to solve diagnostic dilemmas in emergency medicine will be presented along with clinical applications and case studies. A graduate of the University of California in Los Angeles and the University of Illinois College Of Medicine, he has been at Henry Ford Hospital since his residency. He has many interesting aspects of his practice to share including the utilization of simulation techniques for training emergency physicians.

On April 26th, 2008 a 60 year old retired policeman laid his motorcycle over at highway speed to avoid hitting a deer. He was evaluated and had signs of suspected head, chest, and abdominal injuries. Paramedic Howard D. Faubus scanned the patient in the ambulance with a portable ultrasound system. He found evidence of internal bleeding, and ordered direct air transport from the scene directly to a major trauma center. Ultrasound usage by paramedics in the pre-hospital setting is unique to the United States. The fire department EMS in Odessa, TX was the first pre-hospital EMS ultrasound program whose utilization dates back to 2000. Dee Faubus has 12 years experience in EMS and is a certified instructor. He is the Clinical Coordinator and Shift Supervisor for Wise County EMS. Hear how their experience with ultrasound in the pre-hospital setting has improved and facilitated patient care.



Howard D. Faubus, Paramedic



Kathy Haden-Pinneri, MD is board certified by the American Board of Pathology in Anatomic and Forensic Pathology. She completed her medical degree from the University of Texas Southwestern Medical School at Dallas in 1997. Following completion of her medical degree she then relocated to Knoxville, TN to finish her residency in Anatomic and Clinical Pathology and then returned to Dallas for her fellowship in Forensic Pathology at the Dallas County Medical Examiners Office. Since 2005, she has served as an Assistant Medical Examiner at the Harris County Medical Examiner’s Office in Houston, TX. Her busy schedule includes performing autopsies, death investigations and serving as a Clinical Assistant Professor for both the University of Texas Health Science Center and Baylor College of Medicine. In her role as a member of the Disaster Mortuary Operational Response Team (DMORT) she has been deployed to both the Tri-State Crematorium Disaster and the World Trade Center Disaster. Dr. Haden-Pinneri is a well known speaker who has delivered numerous presentations related to Anthropology, Forensics, Arson and Fire Death Investigation to healthcare providers and professional organizations. Join her in a brief journey into the world of Forensic Medicine and her clinical research with CPR automation devices and the identification of injuries associated with their use.

Course Topics

- Expanded Applications of Ultrasound
- Extended FAST scan (E-FAST)
- Bedside Echocardiography
- Case Studies
- Thoracic Ultrasound
 - Pneumothorax
 - Pleural effusion/hemothorax
 - Pulmonary Edema
- Ocular Ultrasound
 - Evaluation of eye trauma
 - Pupillary light response
 - Intracranial pressure
- Musculoskeletal Ultrasound of bone abnormalities
 - Soft tissue evaluation-cellulitis/abscess
 - Fracture identification
 - Joint evaluation for arthrocentesis
 - Rotator cuff evaluation
- Evaluation of the Septic Patient
 - Volume assessment-Inferior Vena Cava
 - Focused echocardiogram-contraction, ejection fraction
- Use of 3-D animation to teach ultrasound to beginners
- The WISE County Experience in Pre-Hospital Setting
 - The FAST exam
 - Ultrasound guided IV access
 - Pearls and pitfalls of field applications
 - Case Studies
- Introduction to Forensic Pathology
 - Describe and discuss the various types of trauma seen: blunt force, sharp force and ballistic
 - Describe the mechanism of death in various types of trauma
 - Discuss deaths due to child abuse
 - Discuss briefly drug related deaths
 - Review proper handling of wounds and evidence by emergency personnel
- Injuries Associated with Automated Chest Compression Devices
 - Review the types of automated CPR devices
 - Specifically discuss the Autopulse™ automated compression device
 - Describe and discuss the types of injuries seen with the Autopulse™ device and with manual CPR
 - Discuss the types of cases the use of an automated compression device would be acceptable for

Hours 8:00 am - 5:00 pm

Tuition

Physicians \$239
 Sonographer, Paramedic, EMT & RN\$139