

2-Day Hands-On Ultrasound Workshop

AMA PRA Category 1™

Critical Care Ultrasound

1-2 April 2010

International Conference Center, Cairo Egypt

“Right Care, Right Now” best describes ultrasound applications that can help physicians make improved and more timely decisions. The concept of Critical Care Ultrasound has evolved with the availability of high quality mobile ultrasound devices, in combination with an increasing number of physicians who understand the importance of point-of-care ultrasound skills to help manage patients in “critical” situations. Don’t miss this focused two-day workshop that will provide you the knowledge and skill to perform these life saving procedures.

The course will offer participants hands-on scanning with live models and focused case studies. Some of the topics covered include the Extended FAST procedure for trauma evaluation, line placement and evaluation of unstable hemodynamics, intra-thoracic and intra-abdominal fluid collections, bedside echocardiography, soft tissue evaluation and diagnosis of DVT.

Objectives

At the completion of the course, the participant will be able to:

- Describe the US applications that improve patient care in the critically ill patient
- Demonstrate the knowledge required to acquire and optimize the US image
- Explain the orientation to human anatomy and the relationship to the US probe
- Demonstrate probe preparation for invasive procedures
- Improve patient procedural safety by using US for line placement
- Perform an US evaluation for diagnosis of DVTs
- Evaluate an Extended FAST US procedure for trauma assessment
- Complete and evaluate a bedside echocardiography US evaluation
- Perform lung sonography for the evaluation of pneumothorax, pleural effusion and acute respiratory distress

Course Topics

- Ultrasound Physics and Equipment Instrumentation
- Acquisition and Optimization of the Ultrasound Image
- Clinical Application of the Extended FAST Procedure
- Ultrasound Imaging of Solid Organ Injuries
- Medical Indications for the Performance Lung Sonography
- Fundamentals of Bedside Echocardiography
- Scanning the Aorta and Heart
- Evaluation of DVT's
- Vascular Access Tips and Techniques

CME Credits

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 16 hours AMA PRA Category 1™. Physicians should claim credit commensurate with the extent of their participation in the activity.

Faculty

Thomas Whelan, RT(R), RDMS, RDCS, RVT, FASE

T.J. Zwakenberg, BS, RRT, RDCS, RVT

Fee ~~\$995~~
\$399 USD MediConex Attendee Price

Click Here
To Register

Who Should Attend

- ✓ Emergency Medicine physicians
- ✓ Critical Care Nurses
- ✓ Internal Medicine physicians who perform ultrasound exams in surgery or the ED.
- ✓ Trauma Surgeons
- ✓ CCU Nurses

Faculty



Thomas Whelan, RT(R), RDMS, RDCS, RVT, FASE
Ultrasound Instructor
Advanced Health Education Center

Internationally recognized as an accomplished sonography instructor and speaker with a wealth of information to share. Tom has more than 25 years clinical experience in all facets of ultrasound. He has many years of experience in operations and management as well experience serving as a director of clinical services. Tom is board certified in Adult Echocardiography, Abdominal and OB-GYN ultrasound.



T.J. Zwakenberg, BS, RRT, RDCS, RVT
Director of Cardiovascular Services
Advanced Health Education Center

He has more than 30 years of experience in healthcare with 22 practicing years in cardiovascular ultrasound. He has been faculty with AHEC for more than 20 years as he developed his administrative skills in his different employment roles in hospitals, education, and as owner of a cardiovascular mobile service. His skills in the classroom have earned him a consistent following from his physician classes and he is consultant to multiple vein centers. He lectures and trains with AHEC's consultant division across the United States. Working in the clinical area with his current clients, he maintains the clinical as well as the academic skills by training physicians in the classroom, and in the surgical area. You will not want to miss this exceptional training opportunity.

Ultrasound can assist in the care of your critically ill patients by:

- ✓ Improving patient procedural safety with vascular access/line placement
- ✓ Evaluating unstable hemodynamics
- ✓ Diagnosis of DVT's
- ✓ Diagnosis of intra-thoracic, intra-abdominal fluid collections
- ✓ Trauma: FAST and Extended FAST

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