



Ultrasound for Clinicians

Saturday, April 21, 2012

Hennepin County Medical Center
717 S. 7th Street, Red Building, RL.110
Minneapolis, Minnesota

*Full Day CME Course Sponsored by Hennepin County
Medical Center Department of Emergency Medicine*

* Brochure & Registration on line at www.hcmc.org/cme/upcomingCMEevents.htm



Hennepin County
Medical Center

Point-of-care ultrasound is increasingly used by clinicians to help guide management of acutely ill or injured patients, but it is challenging for busy clinicians to learn practical ultrasound skills. The purpose of this course is to simplify ultrasound training, so that novices can begin using some of the applications of point-of-care ultrasound immediately.

Parking, breakfast/lunch will be included in the day. Each participant will receive a copy of "Pocket Atlas of Emergency Ultrasound" by Robert F. Reardon, MD, James R. Mateer, MD and O. John Ma, MD.

WHO SHOULD ATTEND THIS COURSE

Physicians, Hospitalists, PA's, Nurses, Residents, Medical Students, First Responders and Sonographers who practice in the following areas:

- Acute/Emergency Medicine
- Critical Care
- Trauma Surgery
- Hospital Medicine

OBJECTIVES

The course will help you improve your diagnostic and procedural use of ultrasound in the critical care units and emergency areas. Following completion of the course, the participants will be able to:

1. Describe basic ultrasound physics.
2. Discuss the benefits of using sonography for central venous access.
3. Perform ultrasound guided IV access on Blue Phantoms.
4. Compare the accuracy of lung ultrasound versus chest radiography.
5. Apply a basic algorithm for using bedside ultrasound in shock.
6. Describe details of the Focused Abdominal Sonography for Trauma (FAST) exam.
7. Evaluate cardiac function and fluid status with bedside ultrasound.

ACCREDITATION

Hennepin County Medical Center is accredited by the Minnesota Medical Association to provide continuing medical education for physicians.

DESIGNATION

Hennepin County Medical Center designates this live activity for a maximum of *8.0 AMA PRA Category 1 credits™*. Physicians should claim credit commensurate with the extent of their participation in the activity.

FACULTY AND PLANNING*

Robert F. Reardon, MD*, Course Chair, Director, Emergency Ultrasound Program, Department of Emergency Medicine, Hennepin County Medical Center; Associate Professor, Department of Emergency Medicine, University of Minnesota Medical School, Minneapolis, MN

Liberty Caroon, RDMS*, Sonographer Specialist, Department of Emergency Medicine, Hennepin County Medical Center, Minneapolis, MN

William Heegaard, MD*, Assistant Chief, Department of Emergency Medicine, Hennepin County Medical Center; Associate Professor, Department of Emergency Medicine, University of Minnesota Medical School, Minneapolis, MN

David W. Plummer, MD, Faculty Physician, Department of Emergency Medicine, Hennepin County Medical Center; Associate Professor, Department of Emergency Medicine, University of Minnesota Medical School, Minneapolis, MN

Scott Joing, MD, Faculty Physician, Department of Emergency Medicine, Hennepin County Medical Center; Associate Professor, University of Minnesota Medical School, Minneapolis, MN

Dave Hildebrandt, RN, CFRN, NREMT, Cardiovascular Emergencies Program Manager, Minneapolis Heart Institute at Abbott-Northwestern Hospital, and Flight Nurse, Life Link III, Minneapolis, MN

Tom Pahl, PA-C, Emergency Medicine Physician Assistant; President, Holy Family Medical Inc., Director of Critical Care Ultrasound, Mille Lacs Health System, Onamia, MN

Sanjay Vasudeva, MD, Ultrasound Fellow, Hennepin County Medical Center, Department of Emergency Medicine, Minneapolis, MN

Christopher Wall, MD, RDMS, Staff Faculty, Emergency Ultrasound-Fellowship Trained, Department of Emergency Medicine, Fairview University of Minnesota Medical Center, Minneapolis, MN

COURSE SCHEDULE

SATURDAY, April 21, 2012

The day is structured to be interactive. Questions will be taken & encouraged throughout.

Course Director: Robert F. Reardon, MD

- 7:30 a.m. **Registration/Continental Breakfast**
- 7:45–8:45 Introduction to Bedside Ultrasound: Getting Started
(Physics, artifacts and general approach)
- 8:45–10:15 Abdominal Ultrasound
(Including FAST, aorta and gallbladder)
Chest Ultrasound
- 10:15–10:30 **Refreshment Break**
- 10:30–11:30 Basic Echocardiography
- 11:30–12 p.m. Basic Vascular Ultrasound
(Limited study for DVT)
- 12:00–1:00 **Working Lunch→Vascular Access**
- 1:00–4:00 Customized Interactive Hands-on Training
- Emergency Medicine - Practice all of the above applications and pelvic US to rule-out ectopic pregnancy
 - Intensive Care and Hospital Medicine - Concentrate on IV access and evaluation of the crashing medical patient
 - Trauma Surgery - Concentrate on the extended FAST exam and IV access
 - Intensive Vascular Access Work Shop
- 4:00 p.m. **Evaluations and Adjourn**

HENNEPIN COUNTY MEDICAL CENTER CME DISCLOSURE POLICY

It is the policy of Hennepin County Medical Center, Office of the Medical Director, to ensure balance, independence, objectivity and scientific rigor in all its sponsored educational activities. All participating faculty, course directors, and planning committee members are required to disclose any financial relationships related to the subject matter of the activity. Disclosure information is reviewed in advance of the activity in order to manage and resolve any possible conflicts of interest. Specific disclosure information for each course faculty will be shared with the audience prior to the faculty's presentation.

COURSE FEES

Fees include tuition, parking, materials and textbook, food/refreshments, and course certificate.

\$550.00 Fee for all participants

REGISTRATION FORM

View brochure at <http://www.hcmc.org/cme/upcomingCMEevents.htm>

Space is limited—**Please register by April 13, 2012!**

Payment method: Secure payment on line.

<http://Learn.hcmed.org/omd/event>

COURSE LOCATION AND PARKING INFORMATION

The course will be held at Hennepin County Medical Center, 717 S. 7th Street, Red Lower Level, RL.110 conference room, Minneapolis, MN 55415. Free parking provided in the HCMC Ramp located at 600 Park Ave. South, Minneapolis, MN. Please refer to maps at HCMC.org.

SPECIAL NEEDS

Please advise us of any special needs that you may have regarding access, diet, etc. We will do our best to accommodate your needs.

REGISTRATION/CANCELLATION/SUBSTITUTION

Space is limited – **Please register by April 13, 2012.**

Cancellations must be received by April 13, 2012. After April 13, 2012, please contact Bridget McGuire to inquire on availability. No refunds will be given after April 13, 2012.

All refunds will be charged a \$30.00 processing fee. If you are unable to attend, please consider a substitution.

CONTACT PERSON

Bridget McGuire, Hennepin County Medical Center, Emergency Medicine
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612-873-3508 or bridget.mcguire@hcmed.org