

Sponsorship

The program is sponsored by the Department of Medicine, Division of Nephrology, Emory University School of Medicine.

Tuition

The tuition charge of \$750 includes continental breakfast, two refreshment breaks, syllabus and other amenities involved in creating a rewarding learning experience. **Early registration is encouraged, as enrollment is limited to the first 24 registrants. THERE ARE NO REFUNDS IF YOU CANCEL.** Emory University reserves the right to cancel the program and return all fees. The liability of Emory University School of Medicine is limited to the course fee. Emory will not be responsible for any losses incurred by registrants, including but not limited to, airline cancellation charges or hotel deposits.

The program agenda is subject to change without notice.

Conference Location

The sessions will be held in the Learning Resource Center, Classrooms A through D, at Emory University Hospital, 1364 Clifton Road, NE, Atlanta. Valet parking is available at the hospital at a cost of \$7 per day. For driving directions, go to www.emory.edu/CME.

Lodging

Lodging has been reserved at the Holiday Inn Select for the special group rate of \$119 per night. The Holiday Inn Select is located at 130 Clairmont Road, 10 minutes from the Emory campus. To reserve accommodations please call 404-371-0204 no later than 30 days prior to the course date, and state that you are with the Ultrasound program group. Shuttle service provided from hotel to Emory Hospital on Saturday morning. Saturday afternoon, and Sunday morning. Rates are subject to change.

Credit

The Emory University School of Medicine designates this educational activity for a maximum of 14 *AMA PRA Category I Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. In addition, physicians will receive a certificate documenting their training in ultrasonography. The Emory University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Why Your Practice Needs Ultrasonography

Ultrasonography is an invaluable tool in nephrology and, following the lead of other sub-specialists, nephrologists are incorporating ultrasonography into their practice. It is convenient, economically feasible and improves patient care. Equipment costs can be recovered with as few as five studies per month and other potential barriers are not difficult to surmount.

Ultrasonography for Nephrologists is the only training course specifically designed for nephrologists and has been offered continuously since 1997. This comprehensive program provides both didactic and hands-on training in ultrasonography of native and transplanted kidneys, end-stage kidneys and allografts, and for central venous catheterization. Extensive hands-on sessions will include patients with a variety of abnormalities. Also covered are financial aspects including equipment costs, billing, reimbursement, and other aspects such as reports, record-keeping, databases, quality assurance, and accreditation. There will also be an opportunity to use equipment from a variety of manufacturers.

Learning Objectives

- An understanding of the basic principles of ultrasonography.
- Knowledge of the equipment and its use.
- How to perform renal ultrasonography, including diagnostic studies of native kidneys, renal allografts, end-stage kidneys and guidance for percutaneous biopsies of native and transplanted kidneys.
- Interpretation of normal and abnormal findings, including hydronephrosis, cysts, masses, stones, renal cortex, and normal variants.
- Ultrasonography of the urinary bladder and its interpretation.
- Logistical considerations, including costs, coding, billing, recording and record-keeping.
- How to incorporate ultrasonography into a nephrology or training program.

Who Should Attend

The course is designed for nephrologists and urologists who wish to incorporate ultrasound into their practice, as well as paraprofessional staff including physician assistants, nurse practitioners, and nurses.

Emory University School of Medicine
Department of Medicine
Division of Nephrology
Presents



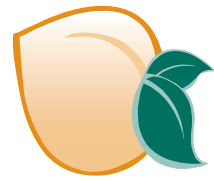
Ultrasonography for Nephrologists

June 13-14, 2009

Emory University Hospital

Atlanta, Georgia

Continuing Medical Education
Emory University School of Medicine
1462 Clifton Road, N.E., Suite 276
Atlanta, Georgia 30322



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Course Director

Dr. Charles O'Neill is a Professor of Medicine in the Renal Division at Emory University School of Medicine, where he has directed the Renal Ultrasonography Program since 1994. He has extensive experience in teaching and training nephrologists in ultrasonography, including annual workshops at the National Kidney Foundation and the American Society of Nephrology national meetings.

Guest Faculty

Kevin Rooker, RT, RDMS, RVT is an ultrasound consultant based in the Dallas - Fort Worth region of Texas. He has over 25 years of clinical experience in the field of ultrasound. Mr. Rooker has been involved in the didactic and hands-on training of physicians and sonographers throughout the United States for over 15 years. He is a member of the American Institute of Ultrasound Medicine, as well as the Society of Diagnostic Medical Sonographers and Society of Vascular Technology.

Mini-Fellowship in Renal Ultrasonography

Visit www.medicine.emory.edu/renal/ultrasound for available dates and registration information

The Mini-Fellowship program is designed for individuals who have attended Emory's Ultrasonography for Nephrologists course and provides intensive training for the performance and interpretation of ultrasonography in the practice of nephrology, including:

- Diagnostic studies of native kidneys
- Diagnostic studies of renal allografts
- Diagnostic studies of end-stage kidneys
- Diagnostic studies of urinary bladder
- Percutaneous biopsy of native and transplanted kidneys
- Localization for insertion of temporary venous access

The fellow will participate in the performance of ultrasound studies and meet daily for interpretation and generation of reports. An extensive teaching file is also available. The course is limited to those who have previously attended Ultrasonography for Nephrologists or who have had equivalent formal training.

Dates: 5 or more consecutive weekdays, arranged on an individual basis

Location: Emory University School of Medicine and Emory University Hospital

Lodging: Emory Inn
1615 Clifton Road, Atlanta, Georgia
(800) 933-6679 or (404) 712-6700

Tuition: \$150 per day; \$100 per day for full-time faculty

Saturday

8:00am Breakfast, Visit Exhibits

8:30 **Practical Physics of Sonography**

9:30 **Knobology**

9:45 Break

10:15 **Imaging Techniques**

11:15 **Hands-on Session:**
Normal Kidneys, Biopsy Guidance

12:30pm Lunch (on your own)
Visit Exhibits

1:30 **Interpretation:**
Developing a Mindset for Interpreting Ultrasonography

2:30 **Hands-on Session:**
Cysts, Stones, Hydronephrosis, Neoplasms, Vascular Access

4:30 **Interpretation:**
Cysts, Stones, Hydronephrosis, Artifacts, Normal Variants

5:30 Adjourn

Sunday

8:00am Breakfast, Visit Exhibits

8:30 **Interpretation:**
Parenchymal Disease, Vascular Disease, Neoplasms

9:15 **Sonography of the Lower Urinary Tract**

9:45 **Sonography in Renal Transplantation**

10:30 **Hands-on Session:**
ESRD, Vascular Access, Transplant, Practice Scan and Interpretation

12:30pm Lunch (on your own)
Visit Exhibits

1:30 **Logistics:**
Costs, Coding, Reporting, Records, Quality Assurance

2:15 **Interpretation:**
Other abdominal Organs

2:45 **Hands-on Session:**
Bladder and General Abdominal, Practice Interpretation, Report Writing and Data Storage

3:35 **Interpretation:**
Practice Studies

4:15 Adjourn

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It is the intent of Emory University School of Medicine to assure that its educational mission, and Continuing Medical Education activities in particular, should not be influenced by the special interests of individuals associated with its programs. Having an interest in or an affiliation with any corporate organization does not necessarily influence a speaker's presentation, but the relationship must be made known in advance to the audience in accordance with the Standards of the Accreditation Council for Continuing Medical Education. Conflicts will be declared prior to the beginning of the program.

Ultrasonography for Nephrologists

JUNE 13-14, 2009

Please check the CME website for future dates

Name: _____

Specialty/Degree: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

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Last four digits of Social Security No. _____
(Required for CME Credit Tracking)

Type of Practice: _____

Special Needs: _____

Tuition: \$750

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