

AMERICAN UROLOGICAL ASSOCIATION

# HANDS-ON UROLOGIC ULTRASOUND



## COURSE REQUEST INFORMATION



American  
Urological  
Association

Education & Research, Inc.



American  
Urological  
Association

**American Urological Association  
Hands-on Urologic Ultrasound Course  
Course Request Information**

Are you interested in hosting an American Urological Association (AUA) Hands-on Urologic Ultrasound Course at your institution or in your region? Read the following for more information regarding these courses. After reading all of the requirements, please complete the course request form. The AUA will then contact you to discuss your request.

We look forward to working with you and thank you for your interest in this educational initiative.

**Table of Contents:**

Overview	2
Requesting a Private Course	4
Facilities and Equipment	5
AUA Contact Information	7
Next Steps	7



## Overview

### **What is the American Urological Association (AUA) one-day Hands-on Urologic Ultrasound Course?**

Urologists have an established history of the use of ultrasound in clinical practice. The availability of affordable, high-quality ultrasound instruments has permitted urologists to add renal, scrotal and bladder examinations to transrectal ultrasound of the prostate as part of the office practice of urology. Image-guided treatments such as cryotherapy and brachytherapy of the prostate and ablative therapies of renal tumors are also ultrasound dependent. Medicare utilization data demonstrates that urologists perform more residual urine determinations by ultrasound, scrotal ultrasound and renal ultrasound than any other specialist.

This course is designed to provide urologists and urology residents with the knowledge and basic skills necessary for performing urologic ultrasound. This one-day offering combines online training and testing (pre-course\*) with on-site, hands-on instruction in kidney, bladder, prostate and scrotal ultrasound. Participants are evaluated by didactic testing and direct observation by faculty members to determine if they have met the course objectives. Attendees who demonstrate the hands-on skills and who pass the didactic tests, both online and on-site, will receive a CME Level 2 certificate. Proficiency and facility in performing specific ultrasound examinations will be achieved by subsequently applying these acquired skills in clinical practice.

With the establishment of the American Institute of Ultrasound in Medicine (AIUM) Accreditation Program for Ultrasound in the Practice of Urology and the trend toward 3rd party payers requiring documentation of training, the AUA Hands-On Urologic Ultrasound courses provide an avenue for urologists to meet the training guidelines for the performance of ultrasound in the practice of urology.

### **What is the AUA/AIUM Pathway to Accreditation?**

The American Institute of Ultrasound in Medicine (AIUM) is a multidisciplinary association dedicated to advancing the safe and effective use of ultrasound in medicine through professional and public education, research, development of guidelines, and accreditation.

Urology practices now have a pathway for accreditation for the performance of ultrasound in the practice of urology. The accreditation program was developed by a joint task force consisting of members from the AUA and the AIUM. The accreditation program is offered by the AIUM. This is a **voluntary program** developed so that urology practices can demonstrate through an objective third party (AIUM) that high quality imaging is being performed in a safe environment by trained providers.

The AUA/AIUM Joint Ultrasound Task Force created [Practice Guideline for the Performance of an Ultrasound Examination in the Practice of Urology](#), [Training Guidelines for Physicians Who Evaluate and Interpret Diagnostic Ultrasound Examinations](#) and [Training Guidelines for the Performance of Ultrasound Examinations in the Practice of Urology](#). These documents provide the framework for the AIUM accreditation program for the performance of ultrasound in the practice of urology.

The AUA/AIUM Practice Guideline on the use of ultrasound in the practice of urology for accreditation purposes is separate and distinct from, and should not be confused with AUA's Clinical Practice Guidelines that involve a process of systematic review and analysis, ranking of evidence, development of guideline statements linked to strength of evidence, and thorough peer review.



By attending an AUA hands-on ultrasound course, the attendees receive the twelve hours of Level 2 hands-on experience that is needed (8 hours for the live activity and 7.5 hours for the prerequisite videos) for the AIUM accreditation.

### **Who is the target audience of the Hands-on Ultrasound course?**

The program is designed for urologists.

### **Is the Hands-on Ultrasound course customizable?**

The course has required elements (videos, hands-on training and demonstrations of bladder, kidney, scrotal, and prostate ultrasounds) but does have up to one and a half hour of time in which the lecture topic may be chosen by the requesting institution. The requesting institution will work with the Course Director in choosing these agenda topics.

### **What are the learning objectives?**

Upon completion of this course, attendees will be able to:

- apply the physical principles of ultrasonography to urologic ultrasound;
- employ the various ultrasound probes and machine settings to optimize imaging;
- describe the indications for ultrasound for the kidney, bladder, scrotum, and prostate;
- identify normal ultrasound anatomy and the most common abnormal findings of the kidney, bladder, scrotum and prostate; and
- successfully perform and document examinations of the kidneys, bladder, scrotum and prostate.

### **Format**

- Online videos to be completed prior to the course (maximum 7.5 hours)
- Hands-on training and skills assessment (maximum 8 hours)

### **Course Pre-Requisite**

This course includes a maximum of 7.5 hours of required didactic training using online videos, with posttests. These videos (listed below) are included in the registration fee.

- Basic Urologic Ultrasound (1.5 hours)
- Ultrasound of the Male Genitalia (2.0 hours)
- Ultrasound of the Kidney and Bladder (2.0 hours)
- Transrectal Ultrasound of the Prostate (2.0 hours)

The registrant must successfully pass the online posttest with a score of 80% or greater to be eligible to complete the hands-on portion of the training course.

### **Hands-On Training**

The hands-on training portion of the course will be performed under the direction of a National Urologic Ultrasound Faculty Course Director and taught by NUUF instructors. A typical schedule includes up to 8 hours of didactic and hands-on instruction. Hands-on training will cover bladder, renal, scrotal and prostate. A demonstration of the protocol for performing an ultrasound of the specified site will be presented prior to the hands-on practice. The participants will break out into groups of 4, 5 or 6 and will perform ultrasound under the guidance and instruction of an NUUF instructor.



After all participants have had time to practice performing the procedure, the faculty will undertake a practical skills assessment of the learner. This will determine if the performed the procedure according to the specified course objectives as outlined on the “Skills Assessment Form”. Onsite remedial help will be available to the learner as needed.

### Accreditation Information

**For Online Videos:** The American Urological Association designates this enduring activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**For Live Course:** The American Urological Association designates this live activity for a maximum of 8.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Requesting a Private Course

### Course Request Options

- Private course for group practice, academic group, etc
- Semi-private course (allotted number of spaces reserved for requesting institution; other spaces open to public)
- An AUA recommended course for residents (See Resident Hands-on Ultrasound Course Information packet for details)

### Fees and Payment

	Member	Non-Member
Early Bird Registration	\$1950	\$2250
Regular Registration	\$2340	\$2700

- Early Bird and Regular Registration dates will be given once the course date is selected.
- Practices may pay for the entire group or attendees may register individually. You will be asked for your preference.

### Cancellations

- If the requesting group cancels on or before 6 weeks prior to the course, they will be charged an administrative fee of \$5000. All amounts paid by registrants will be reimbursed.
- If the requesting group cancels less than 6 weeks prior to the course, they will be charged an administrative fee of \$8000.
- If a registrant cancels their registration, AUA’s standard cancellation policy will be honored. (An administrative fee is assessed if registration is cancelled up to six weeks prior to the course. Through date 6 weeks prior to the course, the cancellation fee is 15% of Early Bird member price. From 6 weeks to 4 weeks prior to the course, the cancellation fee is 50% of the registration fee paid. No registration fees will be refunded after 4 weeks prior to the course.)
- If the AUA cancels a private course due to the agreed minimum enrollment not being reached, a \$5000 administrative fee will be charged. The cancellation date will be 6 weeks prior to the course.



- If the AUA cancels the course for any reason other than the registration minimum not being met, all registration fees will be refunded.

## Responsibilities of Host Institution

- Provide a guaranteed number of attendees (20, 25, 30). If guaranteed number of attendees is not met by agreed upon date, the course will be canceled and requesting group will be charged an administrative fee.
- Provide an appropriate space:
  - Conference/lecture room (didactic room) with audiovisual equipment and support.
  - Patient exam rooms (5 – 10; number dependent upon registrants).
  - Area for meal function and registration.
- Provide hands-on lab space setup assistance the day prior to the course.
- Provide administrative support for planning, preparing and on-site delivery of the course.
- Provide all necessary AV equipment.
- If the requesting party requires a specific brand of ultrasound machines, they will work with their vendor representatives and arrange for sufficient machines to be delivered.

## Responsibilities of the AUA

- Planning and development of the program including:
  - Selecting and securing faculty and arranging all necessary logistics
  - Course content
  - Printed materials and handouts
  - CME sponsorship and credit
  - Arrange for ultrasound machines and related devices
  - On-site logistics including room set-up and registration
  - Managing registration
  - Managing payment of all expenses incurred
  - Coordinating meals

## Facilities and Equipment

### Meeting Space

- Meeting space with audiovisual capabilities
  - Required audiovisual capabilities are projector, laptop, screen, laser pointer, microphone, podium, and an AV technician.
  - The didactic room and hands-on training room should be in close proximity to reduce transit time.
  - Area for meal functions and registration
    - The facility should provide tables and chairs for these areas

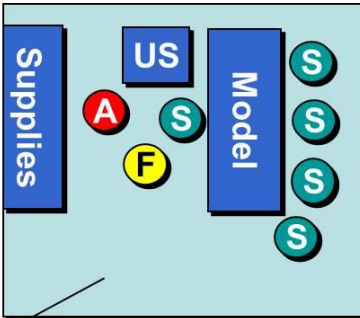
### Hands-On Training Rooms

- Sufficient space to divide up the participants into groups of five to and allow space for the ultrasound machine and supplies and for the participants to gather around the table.



- The amount of training rooms needed is based on the number of people in the course. One room is needed for every 4 to 5 participants and one for training.

## Hands-on Training Room Set-up



(A) Applications specialist (sonographer or company technician). (S) student. (F) Faculty.

The model should be positioned on a well-supported and comfortable hospital bed, exam table or massage table with appropriate modesty covering.

## Recommended Exam Room Parameters

- Should be at least 10 feet x 10 feet
- Hard-walled to reduce background noise. Multiple curtained rooms in a large space are also acceptable.
- Lighting should be capable of being dimmed to reduce glare on the screen.
- Temperature in the room should be comfortable for the models. This is especially important for scrotal ultrasound.
- If equipment is to be stored overnight the room should be secured.
- Electrical outlets for ultrasound machines.

## Equipment and Supplies

Each hands-on training room needs the following equipment and supplies:

### Provided by AUA:

- Ultrasound machine with the following transducers: Small parts (linear array probe), abdominal (curved array), transrectal.
- Ultrasound faculty.
- Applications specialist for the ultrasound equipment if vendors have provided the equipment. Each exam room should have an applications specialist for that piece of equipment, or a sonographer familiar with the Knobology, to make sure the equipment is operated properly and smoothly.

### Provided by Facility:\*

- Ultrasound gel and gel warmer
- Prostate phantom. The type of phantom needs to match the type of ultrasound probe (i.e. end-fire, side-fire)
- Table or bed for model
- Sheet for table or bed
- Pillow with pillow cover
- Gloves
- Sanitizing hand wipes



- Pillow with pillow cover
- Gloves
- Sanitizing hand wipes
- Terry cloth hand towels
- Kleenex
- Paper towels
- Trash can

\*Your AUA contact will discuss specific details and options for items you do not have available.

### AUA Contact

Office of Education  
American Urological Association  
tel: 410-689-3930  
education@auanet.org

### Next Steps

1. Complete AUA Hands-on Urologic Ultrasound Course Request Form.
2. You will then be contacted by an AUA representative.
3. Course specifics will be discussed. If your request meets our criteria, we will move forward with date selection.
4. You will be sent a contract with course specifications.
5. Your AUA liaison will work with you to plan, execute, and complete the program.