

## Gynecological Ultrasound Course

2024

16 AMA PRA Category 1



## Gynecological Ultrasound

Faculty: Debbie Robertson, BS, RDMS, AB, OB

# Welcome to Advanced Health Education Center

As the Senior Vice President, I would like to thank you for choosing Advanced Health Education Center's (AHEC) for your Ultrasound training course. The faculty, staff, and fellow students join me in welcoming you. We will make reasonable efforts to ensure that your time with us is enjoyable as well as educational. These courses are designed to help you develop the skills and acquire the information necessary to perform at a high level of competency in sonography. There are various areas in which you will be evaluated during the course to ensure your learning and success.

AHEC has been a leading provider of continuing education for healthcare professionals in imaging sciences since 1988. Our mission is to provide you with evidence-based education and training that will increase your knowledge, enhance your competency, and improve patient care. Since receiving ACCME Accreditation in 1998, we have assisted in the development of ultrasound skills for physicians, sonographers, nurses, midwives and other healthcare professionals.

The registration packet is designed to provide students with general information regarding AHEC, course information, CME credit, and disclosure of relevant financial interest. We wish you well in your professional advancements and are here to assist you in pursuing your educational goals. Please contact us if we can be of further assistance to you at 1-800-239-1361.

Congratulations and good luck pursuing your professional goals!

Best,



*KReddix*

Kelli Reddix, MBA, BAAS, LVN

Senior Vice President

Phone 1-800-239-1361 • 8502 Tybor, Houston, Tx, 77074



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## Course Overview

**Event Location:** Advanced Health Education Center  
8502 Tybor Drive  
Houston, Texas, 77074

**Credit:** 16 AMA PRA Category 1™

**Time:** 8:00 am – 5:00 pm

**Instructor:** Debbie Robertson, BS, RDMS, AB, OB

### Course Description:

Ultrasound is playing an increasingly important role in gynecology. Important additional information can be added to the physical exam findings when the uterus and ovaries are visualized with ultrasound. This two-day course will familiarize you with the skills and techniques needed to obtain diagnostic images. We will begin the course with a lecture reviewing the basic knowledge needed to properly perform and interpret transabdominal and endovaginal ultrasound scans.

This knowledge will then be utilized in our hands-on scan lab where participants have the opportunity to practice scanning a variety of models. Faculty supervised scanning builds confidence and aids in the hand-eye coordination necessary to perform and interpret the ultrasound exam. The addition of Doppler to the study will aid in the diagnosis and interpretation of pelvic pathology.

**Faculty:** Debbie Robertson, BS, RDMS - No relevant financial relationships to disclose.

### Course Objectives:

At the completion of this course, the learner will be able to:

- Successfully complete transabdominal and endovaginal ultrasound examinations and protocols according to AIUM guidelines.
- Identify and display appropriate normal anatomy and orientation in the ultrasound field of view.
- Use an endovaginal transducer to perform the procedure.
- Demonstrate techniques for transducer cleaning and infection control.
- Use Doppler ultrasound as an adjunct imaging method when appropriate in a gynecological exam.

### Course Topics:

- Physics and Instrumentation
- Orientation and Protocols according to AIUM guidelines
- Anatomy and Normal Variants
- Ovarian, uterine, and tubal pathology evaluation
- Ectopic Pregnancy
- Sonohysterography
- Case Studies and Analysis
- Hands-on Scan Lab



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## Course Schedule

Lecture 8am-12 noon | Lunch 12-1pm | Scan Lab 1pm-5pm

### Day 1 Lecture

8:00 – 12 noon

- Physics and Instrumentation
- Basic Pelvic Ultrasound
- Normal Pathology
- Imaging orientation
- Transabdominal and Transvaginal

### Scan Lab

### Day 2 Lecture

8:00 to 12 noon

- Review Day 1
- Pathology
- Sonohysterography
- Ectopic Pregnancy
- GYN Case Studies

### Scan Lab



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## Skills Checklist

The participant demonstrates an understanding of the following controls and how they affect the image:

### INSTRUMENTATION

- Power Button
- Gain Button
- TGC Pods
- Depth Button
- Dynamic Range Button
- Freeze Button
- Preset Parameters
- Calipers
- Focal Zones
- Doppler Settings
- Color Doppler Settings

### ORIENTATION

#### Identify:

- Uterus
- Endovaginal and Transabdominal Imaging
- Right Ovary
- Left Ovary
- Positions of Uterus
- Care of the Transducer
- Cleaning and Disinfecting of the Transducer



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### **CME Credit:**

- “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 I™. Physician should claim credit commensurate with the extent of their participation in the activity.”

### **AHEC Cancellation and Refund Policy for Skills Courses:**

AHEC defines a skills course as a limited enrollment course where a received registration with payment reserves your place in a course (i.e. all Ultrasound courses, Mammography Initial Training and other theory courses). For cancellations received at least two weeks prior to the course date, a refund less a 30% processing fee will be given. Within two weeks of the course, no refund is given, but a tuition credit – less a 30% processing fee – may be applied to a future course. No refunds or tuition credit is given for non-attendance. Facilities may substitute employees by notification to AHEC at least one week in advance.

### **Disclosure of Relevant Financial Interest for Individuals in Control of Content:**

As a provider accredited by the ACCME, Advanced Health Education Center, Ltd ensures balance, independence, objectivity, and scientific rigor in all of its sponsored educational activities.

In addition to the identified CME faculty member for an educational activity, all non-faculty, including committee members and administrative personnel involved in the planning, development or production of the sponsored activity and/or authorship or review of enduring materials do not have any relevant financial interest to disclose. Financial interest includes but is not limited to relationships with commercial companies, manufacturers, or corporations, whose products or services are related to the subject matter of the presentation within the prior 12 months.

The individuals listed below are acknowledged by AHEC as having control of the content, planning, development or administrative support of all educational activities.

- Marilyn Sackett, M.Ed, RT (R), Committee Member
  - AHEC: President
  - No relevant financial interest to disclose
- Jence Cantu, MHA RT(R) - Committee Member
  - AHEC: Chief Executive Officer (CEO)
  - No relevant financial interest to disclose



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- Peggy Hoosier, M.Ed RT(R)(M) - Program Director
  - AHEC: Chief Operating Officer (COO)
  - No relevant financial interest to disclose
- Kelli Reddix, MBA, BAAS, LVN - Planning Committee
  - AHEC: Senior Vice President
  - No relevant financial interest to disclose
- Nanette Joiner
  - AHEC: Administrative Support
  - No relevant financial interest to disclose
- Debbie Robertson, BS, RDMS
  - Ultrasound Faculty
  - No relevant financial interest to disclose
- Virlene Guzman, RT(R), RDMS, RVT
  - Ultrasound Faculty
  - No relevant financial interest to disclose
- Shawn Shanmuganathan, BS, RDMS, RVT
  - Ultrasound Faculty
  - No relevant financial interest to disclose

### **Content Validation:**

All presentations designated for AMA PRA Category 1™ are reviewed and approved by members of the curriculum committee for content validity, and to ensure that no conflicts of interest exist prior to the advertisement and delivery of the educational activity.

**The faculty and staff at AHEC welcome you!**