

## Limited OB Ultrasound for Pregnancy Care Centers

2024

16 AMA PRA Category 1



## Limited OB Ultrasound for Pregnancy Care Centers

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:

This course is designed for the medical professionals working in pregnancy centers who would like to learn ultrasound procedures. Expedite your patient's diagnosis with the tools and techniques needed to obtain a diagnostic image with ultrasound. This two-day program combines lecture and supervised hands-on scan experience on live models for the healthcare professional. Content presented will include an introduction to ultrasound instrumentation and female anatomy. Both transabdominal and endovaginal scanning techniques will be discussed. Fetal measurements, heartbeat and pregnancy location will be discussed.

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

### Course Objectives:

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

- Utilize the principles of instrumentation to obtain diagnostic images
- Identify the difference in techniques related to transabdominal and transvaginal pelvic scanning techniques
- Identify basic fetal anatomy
- Complete a limited OB exam
- Identify basic fetal anomalies and their ultrasound appearance
- Apply appropriate measurement techniques for obtaining gestational age according to AIUM standards
- Recognize the parameters needed to diagnose ectopic pregnancy

### Course Topics:

- Physics and instrumentation in ultrasound
- Pelvic anatomy as related to first trimester ultrasound
- Fetal normal and abnormal anatomy
- Scan protocols as recommended by AIUM
- Fetal growth and development
- Fetal measurements
- Ectopic pregnancy



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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
- First Trimester
- Abnormal
- Ectopic
- Case Studies

#### Scan Lab

#### Day 2 Lecture

8:00 to 12 noon

- Second and Third Trimester
- Normal Anatomy and Biometry
- Abnormal
- Placenta
- BPP, IUGR, Cord Doppler
- Fetal Cardiac
- Multiple Gestations

#### 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
- Depth Button
- Calipers
- Doppler Settings
- Color Doppler Settings
- Zoom
- Gain Button
- Preset Parameters
- Freeze Button
- CRL
- BPD
- FL
- FHR
- GS
- Cervix

#### BIOMETRY FETAL ANATOMY

- Stomach
- Bladder
- Placenta
- Care of the Transducer
- Quality Assurance



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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



## **Limited OB Ultrasound for Pregnancy Care Centers**

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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!**