ADVANCED HEALTH EDUCATION CENTER®

EDUCATION ▲ STAFFING ▲ CONSULTING

Gynecological Ultrasound Course

16 AMA PRA Category 1

Faculty: Chevaun Fletcher, BS, RDMS (AB)(OB/GYN)

Target Audience: This course is designed for physicians, sonographers, physician assistants, nurse practitioners, midwives, and other medical professionals who use ultrasound to aid in the diagnosis of gynecologic conditions. Physician specialties may include—but are not limited to—OB/GYN, family medicine, emergency medicine, and radiology.

Disclosure Summary: All relevant financial relationships of faculty and planners have been disclosed and mitigated. Full disclosure information is provided within this syllabus.

Advanced Health Education Center (AHEC) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Gynecological Ultrasound

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Welcome to Advanced Health Education Center

On behalf of the faculty, staff, and your fellow students, I want to personally welcome you to your Ultrasound training course at AHEC. We're thrilled you've chosen us to advance your education, and we are committed to making your experience both enjoyable and rewarding. Our courses are designed to help you build practical skills, deepen your knowledge, and perform at a high level of competency in sonography. Throughout your training, you will be evaluated in several areas to ensure your growth and success.

Since 1988, AHEC has been a trusted provider of continuing education for healthcare professionals in the imaging sciences. Our mission is to provide evidence-based education that enhances your competency and improves patient care. We have proudly supported the development of ultrasound skills for physicians, sonographers, nurses, midwives, and other healthcare professionals.

This registration packet includes essential information about AHEC, your course, CME credit, and disclosure of any relevant financial interests. We are here to support you in achieving your educational goals—please don't hesitate to reach out to us at 1-800-239-1361 if you need assistance.

Congratulations on taking this step in your professional journey. We look forward to seeing your skills and confidence grow!

Warm Regards,



Kelli Reddix, MBA, BAAS, LVN
Senior Vice President
Phone 1-800-239-1361 • 8502 Tybor, Houston, Tx, 77074

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Faculty: Chevaun Fletcher, BS, RDMS, AB, OB

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: Chevaun Fletcher, BS, RDMS, AB, OB

Course Description:

Ultrasound has become an essential diagnostic tool in gynecology, providing valuable insight beyond the physical exam by allowing direct visualization of the uterus, ovaries, and adnexa. This 2-day course combines lecture and hands-on scanning to help participants develop the knowledge and technical skills needed to perform and interpret gynecologic ultrasound exams with confidence.

Instruction begins with an overview of physics, instrumentation, and the fundamentals of transabdominal and endovaginal scanning techniques. Participants then apply this knowledge in our state-of-the-art scan lab using live models under the guidance of experienced faculty. Hands-on practice reinforces proper scanning protocols, anatomy identification, and image orientation, while Doppler techniques are introduced to assist in the diagnosis and interpretation of pelvic pathology.

Faculty: Chevaun Fletcher, 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 1pm-5pm

Day 2 Lecture

8:00 to 12 noon

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

Scan Lab 1pm-5pm

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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 an ACCME-accredited provider, Advanced Health Education Center (AHEC) is committed to ensuring balance, independence, objectivity, and scientific rigor in all of its educational activities.

In accordance with ACCME Standard 3, AHEC requires that all individuals in control of content—including planners, faculty, committee members, and administrative personnel involved in the planning, development, or production of educational activities—disclose all financial relationships with ineligible companies within the past 24 months. A financial relationship is considered relevant if it exists between the individual and an ineligible company whose products or services are related to the content of the educational activity.

AHEC has implemented mechanisms to identify, mitigate, and disclose relevant financial relationships to prevent commercial bias in its educational activities. All disclosed relevant financial relationships have been mitigated prior to the commencement of the educational activity.

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 Garza, MHA RT(R) - Committee Member
  - AHEC: Chief Executive Officer (CEO)

    - No relevant financial interest to disclose
- Peggy Hoosier, M.Ed RT(R)(M) - Committee Member
    - AHEC: Consultant
    - No relevant financial interest to disclose
- Kelli Reddix, MBA, BAAS, LVN - Program Director
    - AHEC: Senior Vice President
    - No relevant financial interest to disclose
- Nanette Joiner
    - AHEC: Administrative Support
    - No relevant financial interest to disclose
- Chevaun Fletcher, BS, RDMS
    - Ultrasound Faculty
    - No relevant financial interest to disclose
- Jessica Smith, BS, MHA, 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™ credit undergo a rigorous review process to ensure content validity. This process includes:

- Curriculum Committee Review: All content is reviewed and approved by members of the curriculum committee for scientific accuracy, balance, and alignment with current evidence-based practices.
- Peer Review: Where applicable, content is subjected to peer review by individuals with appropriate clinical expertise and no relevant financial relationships with ineligible companies.
- Conflict of Interest Assessment: Prior to the advertisement and delivery of the educational activity, all individuals involved in the planning, development, or production of the activity disclose any relevant financial relationships. Any identified conflicts are resolved in accordance with ACCME Standard 3.5.
- Identification of Emerging Topics: New and evolving topics are clearly identified as such within the program to distinguish them from established, evidence-based practices.

This comprehensive approach ensures that all educational content is fair, balanced, and based on the best available evidence, thereby supporting safe and effective patient care.