ADVANCED HEALTH EDUCATION CENTER®

EDUCATION ▲ STAFFING ▲ CONSULTING

OB/GYN Ultrasound Course

24 AMA PRA Category 1

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

Target Audience: Physicians seeking hands-on scanning experience performing OB and gynecological ultrasound. Physician specialties can include but are not limited to OB/GYN specialists, family practice, internal medicine, emergency medicine or radiology. In addition, this course is beneficial for nurses, midwives, sonographers, physician assistants, nurse practitioners and radiology personnel.

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.

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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

OB/GYN Ultrasound

Faculty: Chevaun Fletcher, BS, RDMS

Course Overview

Event Location: Advanced Health Education Center
8502 Tybor Drive
Houston, Texas, 77074
Credit: 24 AMA PRA Category 1™
Time: 8:00 am – 5:00 pm
Instructor: Chevaun Fletcher, BS, RDMS

Course Description:

This three-day ultrasound course provides a comprehensive, systematic presentation of obstetric and gynecological scanning. Through an integrated approach combining lecture, assigned reading, testing, demonstration, and clinical scanning on live models, participants will strengthen their foundational knowledge and develop essential hands-on skills.

Morning lectures cover ultrasound physics, instrumentation, female anatomy, and fetal biometry, reinforced with case studies that illustrate both normal and abnormal findings. Afternoon lab sessions provide supervised scanning practice in AHEC's on-site lab using transabdominal and endovaginal techniques.

Upon completion, participants will have the skills and confidence to perform and interpret OB/GYN ultrasound examinations according to AIUM guidelines.

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:
- Utilize the principles of instrumentation to obtain diagnostic images
- Recognize normal and abnormal pelvic anatomy
- Identify the difference in techniques related to transabdominal and endovaginal pelvic scanning techniques
- Identify basic fetal anatomy and biophysical profile
- Identify basic fetal anomalies and their ultrasound appearance
- Apply appropriate measurement techniques in transabdominal and endovaginal scanning
- Identify ultrasound findings in evaluating ectopic pregnancy

Course Topics:

- Introduction to ultrasound physics and instrumentation
- Pelvic anatomy transabdominal and endovaginal
- Fetal anatomy and biometry
- AIUM Scan protocols and patient preparation
- Placenta and fetal Doppler
- Fetal anomalies
- Case studies

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Course Schedule

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

Day One

8:00am -12:00pm

- Introduction
- Physics and Instrumentation
- Basic Pelvic Ultrasound
- Pelvic Orientation and Imaging for transabdominal and endovaginal
- Imaging Uterine and Ovarian pathology
- Sonohysterography Video
- GYN Case Studies

1:00pm-5:00pm

- Hands-on Demonstration/Participation with live models for Gynecological Scanning

Day Two

8:00am-12:00pm

- Abnormal 1st Trimester Ultrasound
- Multiple Gestations
- OB 1 Case Studies
- Ectopic Pregnancy
- 2nd/3rd Trimester Biometry

1:00pm-5:00pm

- Hands-on Demonstration/Participation with live models for 1st Trimester Scanning

Day Three

8:00am-12:00pm

- Review 2/3 Biometry
- ON Normal and Abnormal Anatomy
- Placenta
- BPP, IUGR, Cord Doppler
- Fetal Echo
- Fetal Echo Video
- Balance/3D

1:00pm-5:00pm

- Hands-on Demonstration/Participation with live models for 2nd and 3rd Trimester Scanning

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Skills Checklist

The participant demonstrates an understanding of navigating the instrumentation of the machine.

Physics and Instrumentation

- Power Button
- Preset Parameters
- Depth Button
- Calipers
- Measurement calculation
- Cine Loop
- Freeze Button
- Zoom
- Gain Button
- Time Gain Compensation
- M-mode
- Pulse Doppler Settings
- Color Doppler Settings
- Color Power Doppler
- Care of the Transducer
- Quality Assurance

The participant understands the proper techniques for cleaning and care of the transducers.

Be able to scan for GYN both transabdominal and transvaginal.

- Cervix
- Uterus
- Endometrium
- Ovaries
- Fallopian Tubes
- Adnexa

Be able to perform 1st, 2nd, and 3rd, trimester OB Scans

- FHR
- Gestational Sac
- CRL
- Cisterna Magna
- Lateral Ventricle
- Nuchal Fold
- BPD
- Head Circumference
- Abdominal Circumference
- Femur Length
- Four Chamber Heart
- Stomach
- Three Vessel Cord
- Kidneys
- Bladder
- Cord Insertion
- Placenta
- AFI

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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 24 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.