



Breast Ultrasound: An Introductory/Refresher Course

Thursday, April 30, 2020

7:00 AM-3:30 PM

COURSE MODERATORS: Michael Berry, MD; Ronda Henry-Tillman, MD

FACULTY: Michael Berry, MD; Michele Carpenter, MD; Jodi Carter, MD, PhD; Richard Fine, MD; Scott Karlan, MD; Eric Manahan, MD; Ronda Henry-Tillman, MD; Lise Walker, MD

WORKSHOP FACULTY: Paul Baron, MD, William Burak, MD; Michele Carpenter, MD; Beth DuPree, MD; Thomas Eisenhauer MD; Souzan El-Eid, MD; Scott Karlan MD; Cary Kaufman, MD; David Kaufman, MD; Ronda Henry-Tillman MD; John Kennedy MD; Eric Manahan, MD; Sharla Gayle Patterson, MD; James Pellicane, MD; Howard Snider, MD; Carrie Thoms, MD; Dariush Vaziri, MD; Lise Walker, MD; Diana Dickson-Witmer, MD; Victor Zannis, MD

COURSE COORDINATORS: Beth Boyd, RN; Richard Fine, MD

COURSE DESCRIPTION:

This course is designed primarily for the physician with little or no prior experience in diagnostic or interventional breast ultrasound. The participant will be exposed to the basics in ultrasound physics, scanning techniques, and the interpretation of the characteristics of benign vs malignant focal breast lesions. In addition, through both didactic and hands-on modules, the basics of intervention for diagnosis, core biopsy pathology, and the use of intraoperative ultrasound will be covered. The faculty will share their personal experiences of integrating breast ultrasound into a surgical practice. Though recommended for the novice, this course will function as a thorough review for those individuals already utilizing breast ultrasound and preparing for certification and re-examination.

COURSE OBJECTIVES:

At the conclusion of this course, participants should be able to:

- Demonstrate the basic operation of appropriate breast ultrasound equipment
- Summarize basic physics and principles for breast ultrasound
- Understand and demonstrate breast ultrasound scanning techniques
- Recognize normal and abnormal variation in breast ultrasound examination
- Demonstrate ultrasound-guided interventional procedures on breast phantoms
- Understand the implications of core pathology in patient management
- Explain how to integrate breast ultrasound into a surgical practice
- Discuss the certification process and how to be successful

CME Information:

The American Society of Breast Surgeons designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC Information:

This activity provides 7.25 *AMA PRA Category 1 Credits*[™] toward Part 2 of the American Board of Surgery Maintenance of Certification Program. Attendees must pass the applicable post-test with a score of 75% or higher in order to earn MOC credit.

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PRELIMINARY AGENDA

6:30 AM-7:00 AM	Check-in and Breakfast	
7:00 AM-7:10 AM	Welcome and Introduction	Michael Berry, MD Ronda Henry-Tillman, MD
7:10 AM-7:45 AM	Introduction to Ultrasound Physics and Principles	Scott Karlan, MD
7:45 AM-8:15 AM	Indications and Technique for Breast Ultrasound Scanning <i>Description and Identification of Normal Breast Ultrasound Anatomy</i>	Lise Walker, MD
8:15 AM-8:30 AM	Breast Ultrasound Scanning – Live Demonstration	Michael Berry, MD Lise Walker, MD
8:30 AM-8:45 AM	Break	
8:45 AM-9:15 AM	Abnormal Ultrasound Findings <i>Benign vs. Malignant Characteristics of Focal Lesions</i>	Michael Berry, MD
9:15 AM-9:45 AM	Indications and Technique for Ultrasound-Guided Intervention: <i>Cyst Aspiratio to Vacuum-Assisted Biopsy</i>	Richard Fine, MD
9:45 AM-10:00 AM	Phantom Biopsy Demo: How I Do It!	Richard Fine, MD
10:00 AM-10:20 AM	Ultrasound in Surgery: Intraoperative Ultrasound for Localization and Margin Assessment	Eric Manahan, MD
10:20 AM-10:40 AM	Integrating Breast Ultrasound into a Surgical Practice <i>From the Economics to Certification (How to Pass the First Time)</i>	Michele Carpenter, MD
10:40 AM-11:30 AM	Dilemmas in Image-Guided Pathology: <i>Case Presentations</i>	Jodi Carter, MD, PhD Ronda Henry-Tillman, MD Faculty
11:30 AM-11:45 AM	Q&A with Panel	Ronda Henry-Tillman, MD Faculty
11:40 AM-12:00 PM	Lunch	
12:30 PM -3:30 PM	Workshop Moderators: Michael Berry, MD; Richard Fine, MD 12:30 pm-1:15 pm Model Session 1 1:15 pm-1:45 pm Model Session 2 1:45 pm-2:15 pm Model Session 3 2:15 pm-2:30 pm Break and substations 2:30 pm-3:30 pm Biopsy	