

Breast Ultrasound: An Introductory Course

Thursday, May 2, 2019
7:00 AM-3:30 PM

COURSE MODERATORS: Richard Fine, MD and Shawna Willey, MD

FACULTY Michael Berry, MD; Michele Carpenter, MD; Jodi Carter, MD; Mark Gittleman, MD; Richard Fine, MD; Edgar Staren, MD, PhD, MBA; Pat Whitworth, MD; Shawna Willey, MD

WORKSHOP FACULTY: Richard Fine, MD, Moderator

Paul Baron, MD; Michael Berry, MD; William Burak, MD; Michele Carpenter, MD; Thomas Eisenhauer MD; Sara Fredrickson, MD; Mark Gittleman, MD; Ronda Henry-Tillman, MD; Tina Hieken, MD; Scott Karlan MD; Cary Kaufman, MD; David Kaufman, MD; John Kennedy MD; Eric Manahan, MD; Sharla Gayle Patterson, MD, MBA; James Pellicane, MD; Howard Snider, MD; Carrie Thoms, MD; Pat Whitworth, MD; Victor Zannis, MD

COURSE DESCRIPTION:

This course is designed primarily for the physician with little or no 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 versus 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. Although this course is recommended for the novice, it will function as a thorough review for those individuals already utilizing breast ultrasound and those who are preparing for certification and re-examination.

COURSE OBJECTIVES:

Following completion 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	Registration and Breakfast	
7:00 AM-7:10 AM	Welcome and introduction	Richard Fine, MD Shawna Willey, MD
7:10 AM-7:45 AM	Introduction to Ultrasound Physics and Principles	Edgar Staren, MD, PhD, MBA
7:45 AM-8:15 AM	Indications and Technique for Breast Ultrasound Scanning: <i>Description and Identification of Normal Breast Ultrasound Anatomy</i>	Michael Berry, MD
8:15 AM-8:30 AM	Breast Ultrasound Scanning—Live Demonstration	Shawna Willey, MD
8:30 AM-9:00 AM	Abnormal Ultrasound Findings: <i>Benign vs. Malignant Characteristics of Focal Lesions</i>	Mark Gittleman, MD
9:00 AM-9:15 AM	Break	
9:15 AM-9:50 AM	Indications and Technique for Ultrasound-Guided Intervention: <i>Cyst Aspiration to Vacuum-Assisted Biopsy</i>	Richard Fine, MD
9:50 AM-10:10 AM	Ultrasound in Surgery: Intraoperative Ultrasound for Localization and Margin Assessment	Shawna Willey, MD
10:10 AM-10:30 AM	Integrating Breast Ultrasound Into a Surgical Practice: <i>From the Economics to Certification (How to Pass the First Time)</i>	Michele Carpenter, MD
10:30 AM-11:30 AM	Dilemmas in Image-Guided Pathology: <i>Case Presentations</i>	Jodi Carter, MD Pat Whitworth, MD Faculty
11:30 AM-11:45 AM	Q&A with Panel	Richard Fine, MD Shawna Willey, MD Faculty
11:45 AM-12:30 PM	Lunch	
12:30 PM-3:30 PM	Workshop: Richard Fine, MD, Moderator	
	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