Breast Biopsy:
Stereotactic and
Ultrasound Guidance

Extensive Hands-on Training
attend One or Both days in Cincinnati, OH
June 5-6 and October 9-10, 2020

Day One: focus on
NEW Tomosynthesis (3D)
& Stereotactic (2D)

Day Two: focus on
Ultrasound

in partnership with
Mammotome

Hands-on training featuring these units:
• Hologic 3D Affirm Upright
• Lorad/Hologic Prone
• GE Upright
• Fischer/Siemens Mammo Test Prone

an in-room specimen radiography units:
• Mammotome Confirm
• 3D MOZART® by Kubtec
Course Schedule
~ Day 1 ~ Stereotactic Emphasis ~
• Principles of Stereotaxis
• Stereotactic Biopsy Patient Positioning
• Steps of a Stereotactic Breast Biopsy
• Stereotactic Accreditation (ACR & ASBrS)
• 2D vs. 3D Breast Biopsy Positioning
• How 3D Tomosynthesis Works
• Auditing Your Program
• Hands-on Simulation Phantom on Stereo Table
• Hands-on Stereotactic Positioning w/ Live Models (instructor led)

~ Day 2 ~ Ultrasound Emphasis ~
• Ultrasound Physics
• Basic Breast Ultrasound
• Understanding Breast Ultrasound
• Breast Ultrasound Accreditation (ACR & ASBrS)
• Radiologic and Pathology Correlation
• Making Breast Ultrasound Biopsy Easy
• Evaluation of Breast Lesions
• Automated Breast Volume Scanning (ABVS/ABUS)
• Videos: Breast Biopsy Positioning Biopsy Techniques
• Hands-on US/BX with Phantom (instructor led)
  - VABB and Core Needle Ultrasound

Educational Objectives
Upon completion of this course, you will be able to:
• Explain and provide an overview of biopsy options for detection of breast cancer.
• Discuss the differences in biopsy needles and stereo tables.
• Clarify the difference between polar and Cartesian coordinate systems.
• Describe the components of the stereo images and how they work together.
• Demonstrate the importance of needle position in correlation to the area of interest in stereotactic breast biopsy procedures.
• Formulate problem solving skills when faced with difficult scenarios in breast biopsy techniques.
• Demonstrate proper patient positioning for stereotactic biopsy procedures.
• Review the importance of QA, ACR and ASBrS requirements to help improve patient care and daily care of your center.
• Review breast ultrasound algorithm & terminology.
• Review ultrasound & mammographic correlation.
• Demonstrate how to use ultrasound equipment and minimally invasive techniques to accomplish ultrasound guided breast biopsy procedures.
• Discuss the importance of accurate tissue samples for accurate diagnosis.
• Identify high quality tissue and why it leads to high quality diagnosis.
• Explain artifacts that can lead to inconclusive results.