



# **Breast Ultrasound**

Faculty: Michelle Keck, BSRT, RT(R)(M)(BS)

## **Course Schedule**

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

### **Day 1 Lecture**

- History of Breast Ultrasound
- Anatomy and Terminology
- Physics and Instrumentation
- Normal Breast Tissue and Lesions

### **Scan Lab**

### **Day 2 Lecture**

- Correlation of Mammography Images with Ultrasound Images
- Lymph Nodes and Malignant Lesions
- Breast Implants, Invasive Procedures and Post Surgery Breast
- Complimentary Imaging'
- QA and Accreditation

### **Scan Lab**



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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 Pots
- ☐ Depth Button
- ☐ Dynamic Range Button
- ☐ Freeze Button
- ☐ Pulse Doppler
- ☐ Preset Parameters
- ☐ Calipers
- ☐ Focal Zones
- ☐ Doppler Settings
- ☐ Color Doppler Settings

### ORIENTATION

- ☐ Breast Quadrants
- ☐ Locate Area of Interest Using Clock Method
- ☐ Cooper's Ligaments
- ☐ Fatty Tissue
- ☐ Glandular Tissue
- ☐ Ribs Care of the Transducer
- ☐ Cleaning and Disinfecting of the Transducer