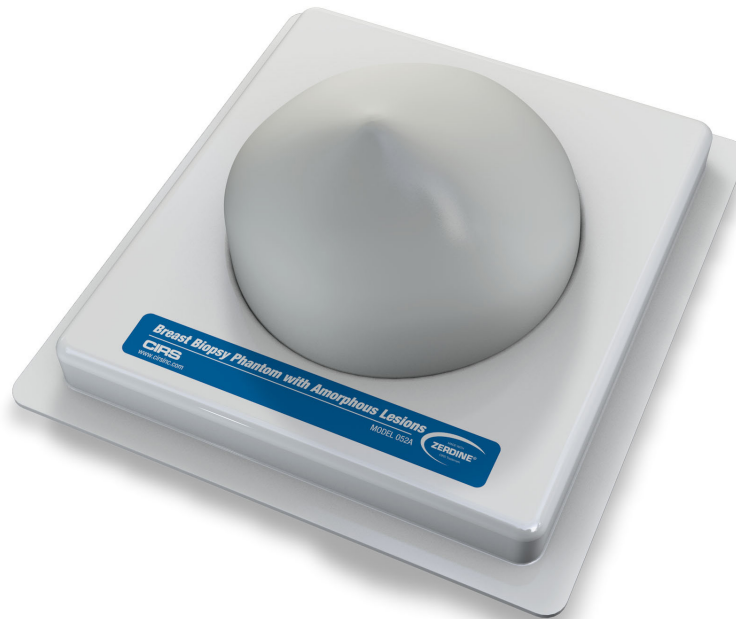


Ultrasound Needle Breast Biopsy Phantom with Amorphous Lesions

Model 052A



ZERDINE[®] Inside
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THE PERFECT TRAINING DEVICE FOR ULTRASOUND GUIDED NEEDLE BIOPSY PROCEDURES

The Model 052A, Ultrasound Needle Breast Biopsy Phantom with Amorphous Lesions, was designed specifically for ultrasound-guided needle biopsy training and experimentation. The non-spherical shape of the embedded targets enable practice with 2D, 3D and 4D image acquisition.

The Model 052A accurately mimics the ultrasonic characteristics of tissues found in the average human breast. The size and shape of the phantom simulates that of an average patient in the supine position. Within each phantom, there are six cystic masses and six dense masses which are randomly positioned.

Because it is constructed of a self-healing formulation of Zerdine[®], the phantom will allow multiple biopsy insertions with minimal needling tracking. Needle tracks will usually disappear within minutes (sometime seconds) of needle removal. Each cystic mass may be aspirated once and each dense mass may be biopsied multiple times.

A special holding tray facilitates proper hand position during the training procedures.

Benefits

- Improve hand-eye coordination
- Build confidence and reduce patient anxiety
- Test new equipment
- Experiment with new techniques
- Instruct others
- Contains cysts which can be aspirated
- Contains solids which can be biopsied

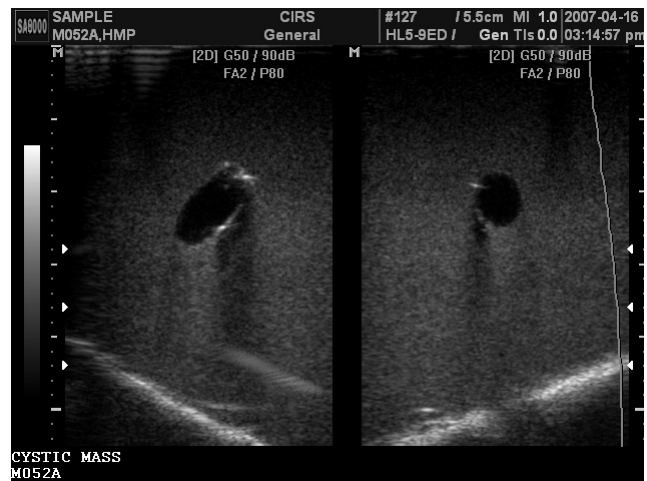
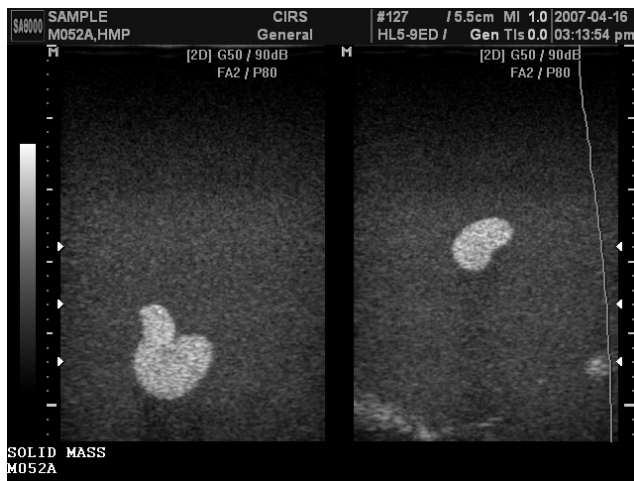
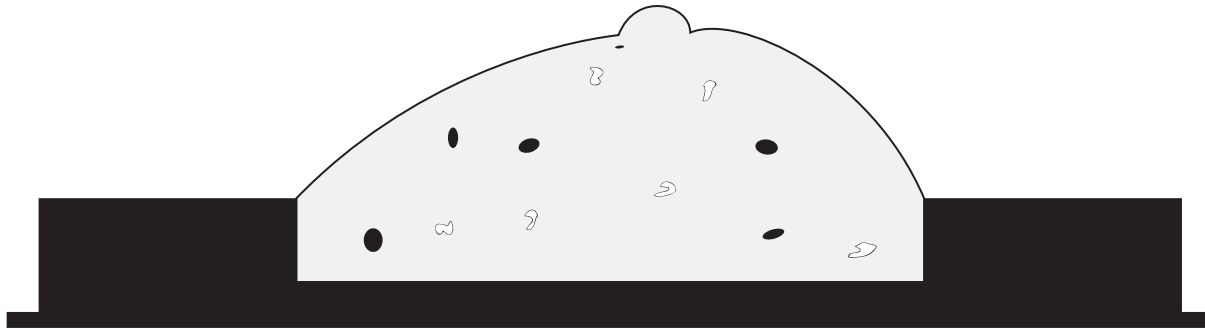
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Tissue Simulation & Phantom Technology



SPECIFICATIONS

TRAY DIMENSIONS:	22.5 cm x 20.0 cm (9" x 8")
PHANTOM WEIGHT & SIZE:	600 cc (14 cm x 12 cm x 7.5 cm)
MATERIAL:	Zerdine

MATERIAL	COLOR	SIZE	QTY	POSITION
Dense Masses	Black	6-12 mm	6	Random
Cystic Masses	Green	8-15 mm	6	Random

BACKGROUND

Material: Zerdine
 Color: White
 Characteristics: Mimics average human breast tissue

MODEL 052A INCLUDES

QTY	COMPONENT DESCRIPTION
1	Ultrasound Needle Breast Biopsy Phantom with Amorphus Lesions
1	User Guide
-	12-Month Warranty*

*Please note: once any device has been inserted into the phantom (such as biopsy needles, localization wires, etc.) the 12 month warranty will not cover claims related to material desiccation or needle tracking.

