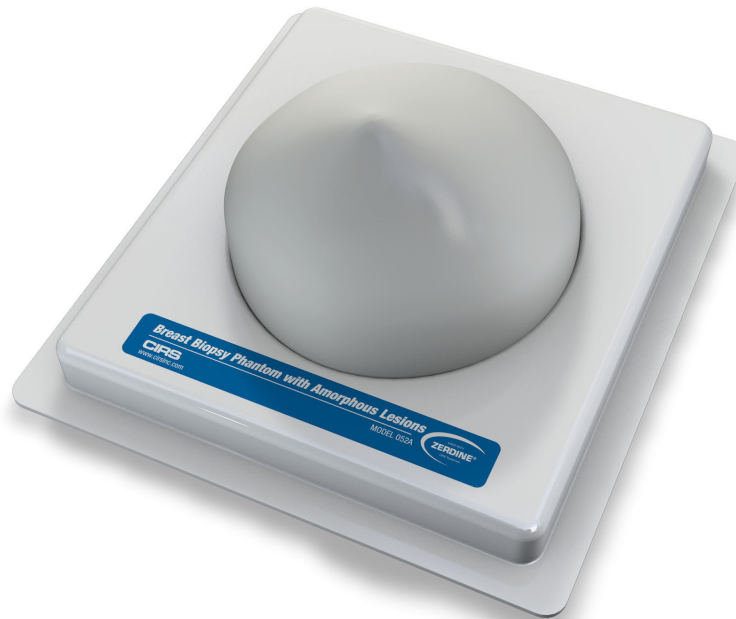


# Ultrasound Needle Breast Biopsy Phantom with Amorphous Lesions

Model 052A



ZERDINE® Inside  
A registered trademark of CIRS

## 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

©US PATENT# 5196343

深圳市展业达鸿科技有限公司

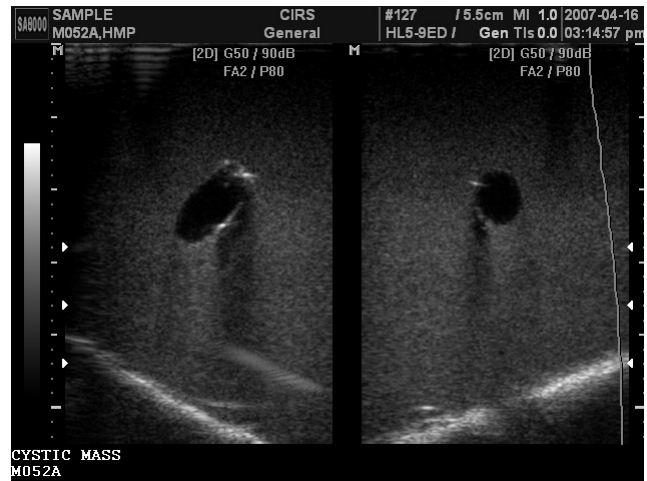
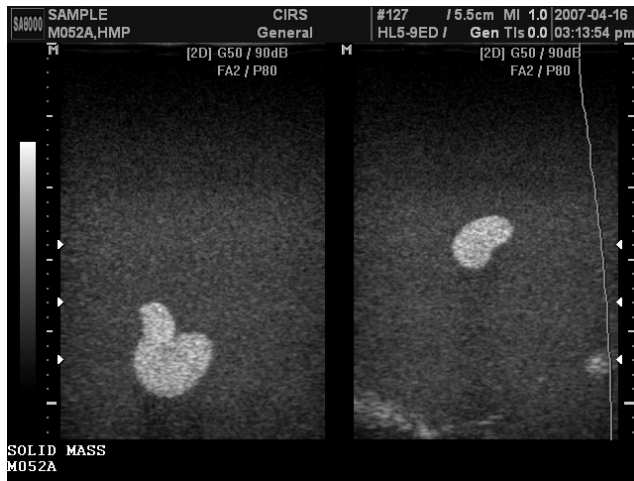
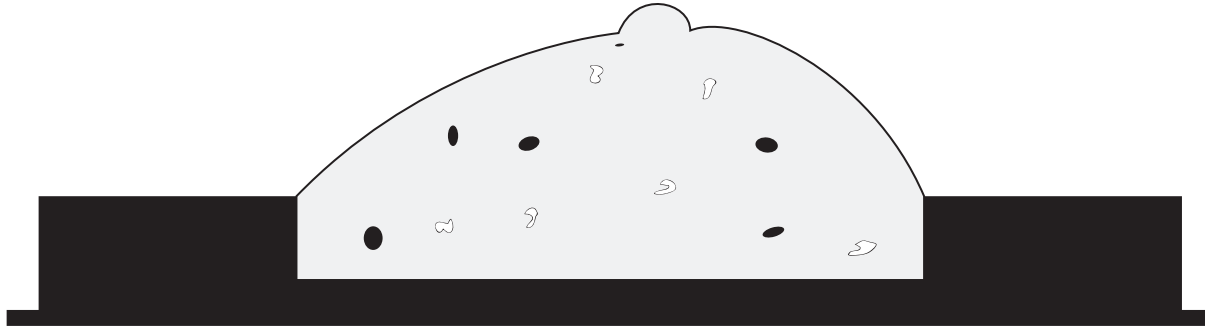
吕先生: 15920060912 (微信同号) 0755-22934005 (座机)

地址: 深圳市福田区八卦二路八卦岭工业区615栋419

邮箱: hongqi@thingstet.com

网址: www.thingstest.com

CIRS  
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.

**深圳市展业达鸿科技有限公司**

吕先生: 15920060912 (微信同号) 0755-22934005 (座机)

Computerized Imaging Reference Systems, Inc. has been certified by UL DQS  
 Inc. to ISO 13485:2016. Certificate registration No. 05000005-112616 5栋419

邮箱: hongqi@thingstet.com  
 网址: www.thingstet.com