

# Breast Ultrasound Needle Biopsy Phantom

*The perfect training device for ultrasound guided needle biopsy procedures*

The Model 052A accurately mimics the ultrasonic characteristics of tissues found in an average human breast. The size and shape of the phantom simulates that of an average patient in the supine position.

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

Protected by a membrane, the phantoms flesh-like consistency, (Zerdine®)<sup>(1)</sup> simulates needle resistance. Each cystic mass may be aspirated once while each solid mass may be biopsied multiple times. Cyst material is stained green and solid masses are black for easy identification.

The Model 052A Ultrasound Needle Biopsy Phantom was developed by those skilled in the art of ultrasound guided needle biopsy procedures and is the ideal training device.



**Model 052A**

## Features

- 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

<sup>(1)</sup>US PATENT# 5196343

*Tissue Simulation &  
Phantom Technology*

**CIRS**

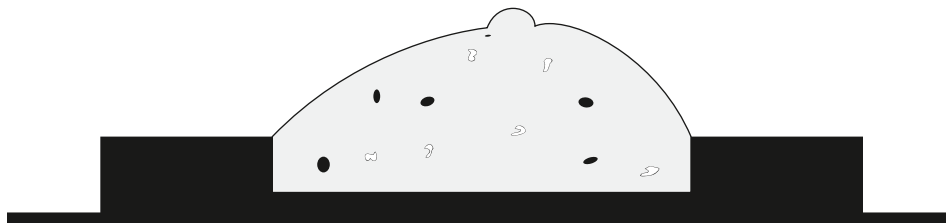
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# Model 052A

## Specifications:

### Phantom

<b>SIZE</b>	600 cc	<b>LENGTH</b>	15 cm
<b>WIDTH</b>	12 cm	<b>HEIGHT</b>	7 cm
<b>MATERIAL</b>	Zerdine®		



TARGETS	COLOR	SIZE	QUANTITY	POSITION
CYSTIC MASSES	green	8-15 mm	6	random
DENSE MASSES	black	6-12 mm	6	random
BACKGROUND	white			

