

Breast Elastography Phantom

Model 059



ZERDINE® Inside
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THE PERFECT DEMONSTRATION TOOL FOR SONOELASTOGRAPHY

The Model 059 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 phantom's Zerdine® (1) flesh-like consistency simulates needle resistance.

The phantom contains several solid masses that appear slightly hypoechoic to the simulated breast tissue under normal ultrasound, but the lesions are at least two times stiffer than the background so they can be detected on elastograms. Lesions range in size from 3 to 10 mm in diameter, are randomly positioned throughout the background, and can be biopsied 3 times.*

Features

- Improve hand-eye coordination
- Test new equipment
- Experiment with new techniques
- Instruct others
- Contains solid lesions which can be biopsied



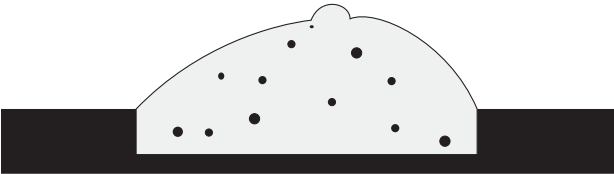
Normal Ultrasound Image

SPECIFICATIONS

DIMENSIONS:	22.9 cm x 20.3 cm x 7.6 cm (9" x 8" x 3")
PHANTOM WEIGHT:	600 cc
MATERIAL:	Zerdine

MATERIAL	COLOR	SIZE	QTY	POSITION
Dense Masses	Blue	10 mm	3	Random
		8 mm	3	
		6 mm	2	
		4 mm	2	
		3 mm	2	
Background	Pink			

The elasticity of each dense mass is at least two times greater than the elasticity of the background, which has an elastic modulus of 20kPa ± 5 kPa.



MODEL 059 INCLUDES

QTY	COMPONENT DESCRIPTION
1	Breast Elastography Phantom
1	Carry Case
1	User Guide
-	6-Month Warranty

** It is important to understand that the Model 059 is a disposable product. Although the material can be punctured to demonstrate biopsy techniques, each mass can only withstand core biopsy until the lesion is destroyed.*

