



Ultrasound Biopsy Phantom

GAMMEX 429

The same eye and hand coordination skills required to perform ultrasound-guided biopsies of other organs can be learned using this phantom. The use of ultrasound-guided needle biopsy to diagnose the form and structure of lesions is growing worldwide. The Gammex 429 Ultrasound Biopsy Phantom simulates the look and feel of a human breast.

The ultrasonic appearance of the Gammex 429 is similar to soft tissue to allow the use of normal scanner control settings. Embedded in the phantom are 11 test objects on three different levels, allowing you to practice identification, aspiration and biopsy procedures on cysts, high-contrast and low-contrast lesions. There are three fluid-filled cysts, four high contrast lesions and four low contrast lesions. The material in the solid lesions are

colored to differentiate them from the surrounding tissue. This provides the user with immediate feedback on the success of the core biopsy. With this variety and number of lesions, most users become proficient in ultrasound-guided biopsies in a single training session.

SPECIFICATIONS

Test Lesions

Water-filled Cysts

High Contrast Gel

Low Contrast Gel

Storage Temp. 2 to 38° C (40 to 100° F)

Diameter 12.7 cm (approx. 5 in)

Height 7.62 cm (approx. 3 in)

Weight. 623.7 g (1 lb 6 oz)

Gammex