

SynAtomy Complex Phantom Breast

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Our SynAtomy Breast Phantom is a highly lifelike medical training platform ideal for students and professionals who seek to improve hand-eye coordination and learn new techniques. This simulator accurately emulates the ultrasonic characteristics of tissues found in a typical human breast and allows students to practice procedures such as palpation, mammography and seed implantation.

Pathologies such as hematomas, lesions, cancerous tumors, fibrous cyst, or abscess may be added to this model. Each model is constructed with highly realistic synthetic human tissues that mimic the mechanical, thermal, and physicochemical properties of live tissue.

Relevant Skills: Breast elastography, palpation, seed implantation, mammogram and ultrasound imaging.

Included Components: Skin, subcutaneous fat, bulk fat, a natural wear layer of dead skin at the surface and three discrete layers (epidermis, dermis, and hypodermis) that move independently from one another.

Equipment Compatibility: All known imaging equipment (Ultrasound, MRI, CT, x-ray, etc.), syringes, scalpels, forceps and antiseptics.

Extraordinary Features: SynTissue synthetic human tissues made from salt, water, and fiber—which feature the world's most realistic tactility. SynTissue synthetic human tissues match the acoustical characteristic of real human tissue.

All of our products are made in the USA.