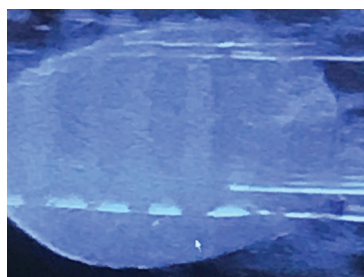


BIOPSY AND ULTRASOUND COMPATIBLE PROSTATE PHANTOM

SIM's Biopsy and Ultrasound Compatible Prostate Phantom is a multi-modality disposable phantom for the simulation of medical procedures related to the imaging and biopsy of the prostate. The SIM Prostate Phantom is able to simulate the ultrasound of the prostate gland, including neoplastic lesions, as well as a functional biopsy in which tissue cores can be extracted using standard biopsy needles and devices. The product consists of a synthetic rectum, perineum, prostate, urethra, and optional internal lesions. The product comes with a DICOM file for MRI-fusion imaging and biopsy compatibility.

Complete Imaging Capability

SIM Prostate Phantoms are composed of a water-based hydrogel material that enables superior ultrasound imaging properties versus the competition and are compatible with both standard side-fire and end-fire ultrasound probes. The product is ideal for transrectal ultrasound calibration and training and includes two internal malignant lesions that simulate targeted biopsy and therapy commonly performed in clinic. DICOM files are included with purchase, enabling MRI-overlay imaging and fusion biopsy, delivering a complete package for all biomedical training related to prostate imaging, biopsy, and therapy.

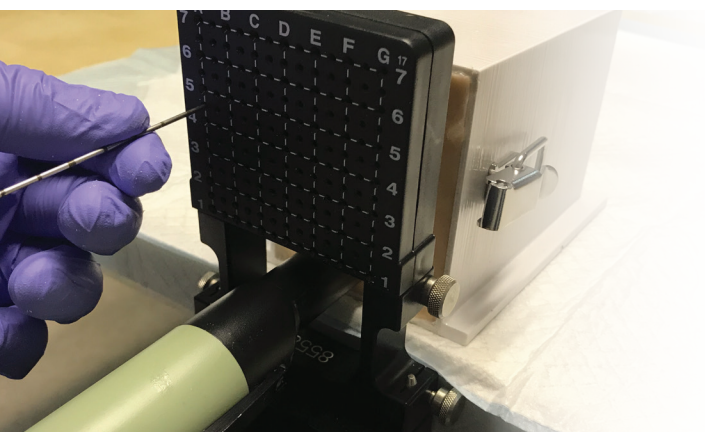


BRACHYTHERAPY



**MRI/ULTRASOUND
FUSION BIOPSY**

Functional Simulation of Biopsy and Therapy



The SIM Prostate Phantom is the ideal product for urologic oncology prostate training. The realistic material enables a functional biopsy; needle cores of synthetic tissue can actually be removed, validating biopsy technique for training purposes. Additionally, the internal lesions provide an effective training tool for brachytherapy and cryotherapy. Our phantoms are designed with medical education in mind, and offered at an affordable price to enable multiple units to be used during individual training sessions or workshops. From ultrasound imaging and MRI-fusion to biopsy and treatment, the SIM Prostate Phantom is the complete training package for urologic oncology education.

CONTACT US FOR PRODUCT INFORMATION OR TO REQUEST A QUOTE.

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