YGI
YEZITRONIX GROUP INC
Phantom Technologies
Medical Simulation & Training
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Kidney Phantom

KIDNEY PHANTOM

Most Accurate Kidney and Surrounding Tissue Mimimcking device for Ultrasound, MRI, CT modalities

KIDNEY PHANTOM 1

Kidney Phantom Ultrasound Video 1

KIDNEY PHANTOM 2

Kidney Phantom Ultrasound Video 2

The Most Accurate Kidney Phantom & Surrounding Tissues mimicking device for (Multi-Modality) Ultrasound, MRI and CT Applications. All in One.
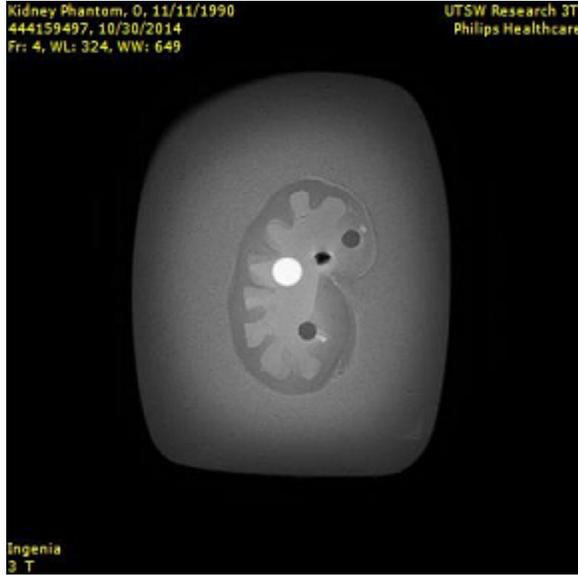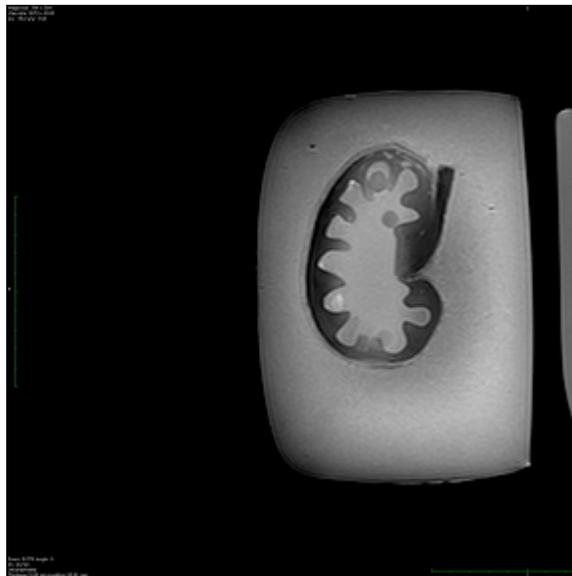

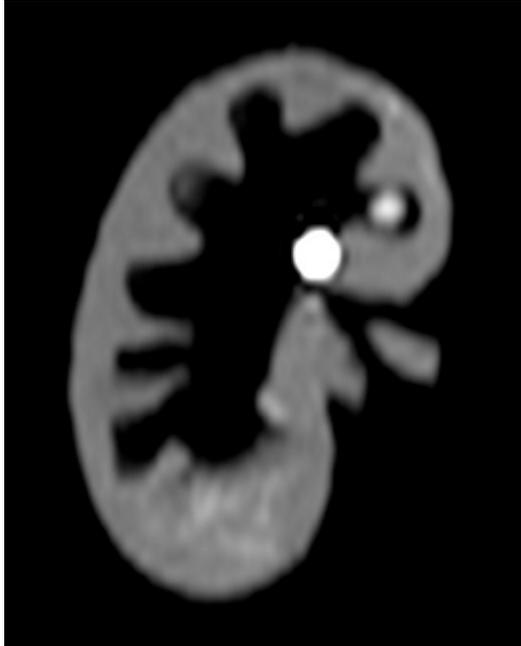**Ultrasound Kidney Phantom 1**

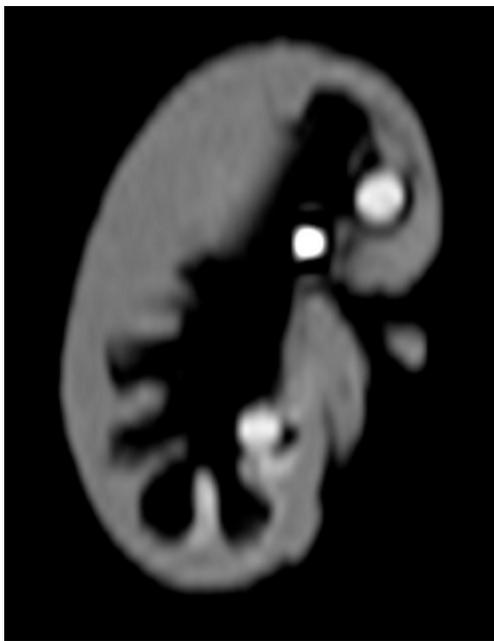**Ultrasound Kidney Phantom 2**

Ultrasound Kidney Phantom 3

Kidney Phantom, O, 11/11/1990
444159497, 10/30/2014
Fr: 4, WL: 324, WW: 649

UTSW Research 3T
Philips Healthcare

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MRI Image 1

MRI Image 2

CT Image 1

CT Image 2

Specifications:

- Available Models: Kidney Phantom Model S-KDNY-3.1 (MM).

- Multi-layer material - each tissue or organ is independent and has its own characteristics defined by a real 3D shape, and mechanical properties.

- Multi-Modality - The Kidney Phantom device can be scanned with Ultrasound, CT or MRI.

- There are 2 lesions, 1 cyst and 1 stone embedded in the Prostate to help simulate Biopsies or procedures.

- Unlimited usage of the same packaged phantom during an extended period of time.

The device contains:

- Fully detailed kidney.

- Partial backbone.

- 2 ribs.

- Partial liver.

- Fat.

- 2 lesions, cyst and stone.

- All phantom tissues are equally scaled 1:1 to human's kidney.

Suitable for:
OEMs. medical devices simulation, robotic system calibration, hospitals, clinics, med schools training and demonstrations.

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Technology developed with the collaboration of the scientists from NRCC-National Research Council of Canada and surgeons at the department of urology at the London Health Sciences Centre in Ontario, Canada. **Patent Pending.**