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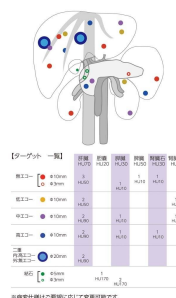
Dual Modality Human Abdomen Phantom (CT, Ultrasound)

Item No. US-22
Weight 12KG
Brand KYOTO KAGAKU, JAPAN

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SKU:

Categories: Radiology Phantom



Product Description

A new abdominal phantom to conduct studies and training of fusion imaging for wide range of clinical applications. (CT & Ultrasound)

Features

Fusion imaging of anatomic data is proven extremely useful for diagnosis and treatment in radiology, neurology, oncology, and cardiology. It also enables for the localization of tumors and lesions and assists in planning for radiotherapy, biopsy, and surgery with new medical imaging devices.

Training skills / Applications

1. Fusion image generation 2. Mapping for biopsy (invasive procedures are not possible with this phantom) 3. Surgical planning 4. Radiation therapy planning 5. Scanning skills in Ultrasound and CT

Set includes

1 abdominal phantom / 1 positioning pillow / 1 talcum powder/1 storage case / 1 instruction manual

Size (approx.)

W29 x D19 x H31 cm

Weight (approx.)

12kg

Related products

[US-1B Ultrasound Examination Training Phantom"ABDFAN"](#)
[PH-5 CT Abdomen Phantom](#)

Anatomy

Liver (segmental anatomy, portal and hepatic venous systems, ligamentu, teres and ligamentum venosum) Biliary tract (gallbladder, cystic duct, intrahepatic and extrahepatic bile ducts) Spleen / kidneys Detailed vascular structures (aorta, vena cava, celiac artery and its branches, portal vein and its branches, superior mesenteric vessels, renal vessels, and more)

Pathology

Hepatic lesions (cystic and solid) / Gallbladder and bile duct stones / Pancreatic tumors (one invading the portal vein) / Splenic lesions / Both kidney lesions / Left adrenal tumor

Update

May 26, 2022

Why Choose the Dual Modality Human Abdomen Phantom (CT, Ultrasound) for Fusion Imaging Training in India?

The Dual Modality Human Abdomen Phantom (Item No. US-22, Brand: Kyoto Kagaku, Japan) is built for studying and training fusion imaging across a wide range of clinical applications, combining CT and ultrasound compatibility in a single phantom. Fusion imaging of anatomic data has proven extremely useful for diagnosis and treatment across radiology, neurology, oncology, and cardiology, enabling accurate localization of tumors and lesions and supporting planning for radiotherapy, biopsy, and surgery with modern medical imaging devices.

Training applications:

- Fusion image generation
- Mapping for biopsy (invasive procedures are not possible with this phantom)
- Surgical planning

- Radiation therapy planning
- Scanning skills in both ultrasound and CT

Anatomy represented: Liver (segmental anatomy, portal and hepatic venous systems, ligamentum teres, ligamentum venosum), biliary tract (gallbladder, cystic duct, intrahepatic and extrahepatic bile ducts), spleen, kidneys, and detailed vascular structures (aorta, vena cava, celiac artery and its branches, portal vein and its branches, superior mesenteric vessels, renal vessels, and more).

Pathology represented: Hepatic lesions (cystic and solid), gallbladder and bile duct stones, pancreatic tumor (invading the portal vein), splenic lesions, bilateral kidney lesions, left adrenal tumor.

Set includes: 1 abdominal phantom, 1 positioning pillow, talcum powder, storage case, instruction manual.

Specifications: Size approx. W29×D19×H31cm. Weight approx. 12kg.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Kyoto Kagaku products in India with over 30 years of experience supplying radiology and ultrasound training phantoms to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: Can this phantom be used for hands-on biopsy practice? A: It supports biopsy mapping and planning, but invasive procedures are not possible with this phantom — it's designed for imaging and planning training, not physical needle insertion.

Q: What makes this "dual modality"? A: The same phantom is compatible with both CT and ultrasound imaging, enabling fusion imaging training that combines both modalities on identical anatomy.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.