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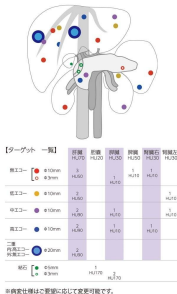
Dual Modality Human Abdomen Phantom (CT, Ultrasound)

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

[Read More](#)

SKU:

Categories:Ultrasound 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 Your Radiology Training Program in India?

The Dual Modality Human Abdomen Phantom (Item No. US-22, 12kg, Brand: Kyoto Kagaku, Japan) is a new abdominal phantom purpose-built for studying and training fusion imaging across a wide range of clinical applications, using both CT and ultrasound on the same model.

Fusion imaging — combining anatomic data from multiple imaging modalities — is proven extremely useful for diagnosis and treatment planning in radiology, neurology, oncology, and cardiology. It enables precise localization of tumors and lesions and assists in planning for radiotherapy, biopsy, and surgery when used with modern medical imaging devices.

Please note: this phantom supports imaging-based mapping and planning only — **invasive procedures such as physical biopsy are not possible** with this model.

Training applications: Fusion image generation, mapping for biopsy planning, surgical planning, radiation therapy planning, and scanning skills development in both ultrasound and CT.

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

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

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

Specifications: Size W29×D19×H31cm, weight 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 medical simulators and radiology training equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: Can this be used for hands-on biopsy practice? A: No — invasive procedures are not possible with this phantom; it supports imaging-based mapping and planning only.

Q: Which imaging modalities does this support? A: Both CT and ultrasound, enabling fusion imaging training and study.

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