



SEM

SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

Mobile : +91 88495 63724
Mobile 1: +91 98791 03905

Email: sem@semtrainers.com
Website: www.semtrainers.com



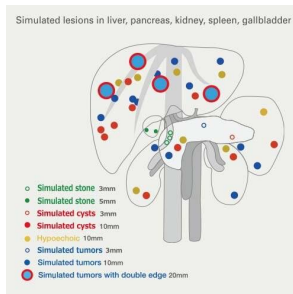
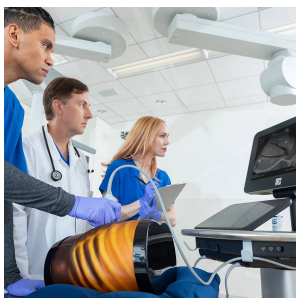
Ultrasound Examination Training Phantom"ABDFAN"

Item No. US-1B
Weight 20 kg
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories:Ultrasound Phantom



Product Description

Abdominal ultrasound phantom with pathologies

Features

1. Detailed hepatobiliary, pancreatic and other abdominal anatomy
2. Eight Couinaud's hepatic segments can be localized
3. ABDFAN has various simulated lesions to provide wider training variety

Training skills / Applications

Set includes

Size (approx.)

Packing size (approx.)

Weight (approx.)

Packing weight (approx.)

Materials

Related products

Production ? Development Supervision

Anatomy

Pathologies

Update

Basics of abdominal sonography:-Cross sections and sonographic anatomy Sonographic demonstration of each individual organ Localization of hepatic Couinaud's segments
41900-100 full set : 1 ultrasound phantom "ABDFAN" / 1 anatomical model "ECHO-ZOU" / 1 positioning pillow / 1 talcum powder/ 1 tutorial manual (DVD) /1 storage case / 1 instruction manual 41900-030 : 1 ultrasound phantom "ABDFAN" / 1 positioning pillow /1 talcum powder/ 1 tutorial manual (DVD) /1 storage case / 1 instruction manual
W29 x D19 x H31cm / W11.4 x D7 x H12.2in
41999-100: W72 x D44 x H39cm / W28 x D17 x H15in 41900-030: W44 x D39 x H42cm / W17.3 x D15.3 x 16.5in
12kg/26.5lbs
20kg / 44lbs
Polyurethane elastomer / Latex free
US-1 Ultrasound Examination Training Phantom "ECHOZY" MW43"AbdoAbby" Abdominal Examination Simulator US-5 FAST/Acute Abdomen Phantom "FAST/ER FAN"
Junji Machi, MD,PhD University of Hawaii at Manoa and Kuakini Medical Center
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)
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
August 27, 2020

Ultrasound Examination Training Phantom "ABDFAN" (US-1B) — Abdominal Sonography Training with Simulated Pathology

The Ultrasound Examination Training Phantom "ABDFAN" (Item No. US-1B, 12 kg) by Kyoto Kagaku, Japan is an abdominal ultrasound phantom built specifically **with pathologies** — the diagnostic counterpart to the standard ECHOZY phantom, which trains normal anatomy only. ABDFAN lets students practice identifying and characterizing actual abnormal findings, not just navigating healthy anatomy.

Realistic diagnostic scenarios, not just normal anatomy. ABDFAN includes simulated hepatic lesions (both cystic and solid), gallbladder and bile duct stones, pancreatic tumors (including one

invading the portal vein), splenic lesions, bilateral kidney lesions, and a left adrenal tumor — giving students exposure to the range of pathology they'll need to recognize in real clinical ultrasound practice.

Same anatomical foundation as ECHOZY, built for advanced training. Detailed hepatobiliary, pancreatic, and abdominal anatomy is included, along with the ability to localize all eight of the liver's Couinaud's hepatic segments — the same core skill foundation as the standard phantom, now applied to pathology recognition rather than only normal-anatomy training.

Training applications: basics of abdominal sonography, cross-sectional and sonographic anatomy, sonographic demonstration of each individual organ, and localization of hepatic Couinaud's segments — now exercised against real pathological findings.

Two package options available:

- **Full Set:** ultrasound phantom "ABDFAN," anatomical model "ECHO-ZOU," positioning pillow, talcum powder, tutorial manual (DVD), storage case, instruction manual.
- **Standard:** ultrasound phantom "ABDFAN," positioning pillow, talcum powder, tutorial manual (DVD), storage case, instruction manual (no anatomical model).

Developed under supervision of Junji Machi, MD, PhD, University of Hawaii at Manoa and Kuakini Medical Center.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorised distributor of Kyoto Kagaku products in India with over 30 years of experience supplying medical simulators and clinical skills trainers to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: How is ABDFAN different from the ECHOZY phantom? A: ECHOZY is a normal-anatomy phantom without pathologies, used for foundational sonographic training. ABDFAN includes simulated pathological findings — hepatic, biliary, pancreatic, splenic, renal, and adrenal — for diagnostic-level training.

Q: What pathologies are included? A: Hepatic lesions (cystic and solid), gallbladder/bile duct stones, pancreatic tumors (one invading the portal vein), splenic lesions, bilateral kidney lesions, and a left adrenal tumor.

Q: What's the difference between the two package options? A: The Full Set adds a physical anatomical model ("ECHO-ZOU") alongside the phantom. The Standard set includes the phantom and training materials without the anatomical model. Confirm with our team which configuration you're ordering.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.