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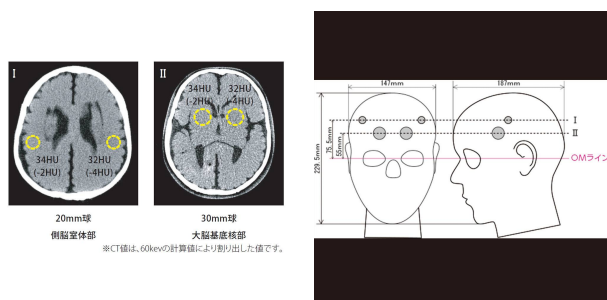
CT Stroke Head Phantom KH

Item No. PH-77
Weight 5.3kg
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

Study and training for early detection of acute cerebral stroke

Features

Sphere shaped simulated lesions (acute stroke) are embedded in the brain. The phantom support study and training in visualizing lowcontrast lesions in low energy range

Training skills / Applications

Case / Pathology

Set includes

Size (approx.)

Weight (approx.)

Materials

Production ? Development Supervision

Update

CT
Acute stroke (20mm dia. x2, 30mm dia x 2)
head phantom 1/set of sample X-ray data (DVD) / storage case / manual
H33cm
5.3kg
Soft tissue: urethane based resin (density 1.06) Skull: urethane based resin (density 1.11) Cervical vertebrae (C1-C7): epoxy resin (density 1.31)
Hidetake Hara Department of Radiology, School of Allied Health Sciences, Kitasato University
July 20, 2020

CT Stroke Head Phantom KH (PH-77) — Early Detection Training for Acute Cerebral Stroke

The CT Stroke Head Phantom KH (Item No. PH-77, 5.3 kg) by Kyoto Kagaku, Japan is built specifically for study and training in the early detection of acute cerebral stroke — a time-critical diagnostic skill where faster, more accurate CT interpretation directly affects patient outcomes.

Realistic low-contrast lesion detection. Sphere-shaped simulated acute stroke lesions are embedded in the brain, and the phantom is specifically designed to support study and training in visualizing low-contrast lesions in the low energy range — the exact imaging challenge radiologists and technologists face when trying to catch early ischemic changes that aren't yet clearly demarcated.

Multiple lesion sizes for realistic training variety. The phantom includes acute stroke lesions in two sizes: 20mm diameter (x2) and 30mm diameter (x2), giving students practice detecting lesions across a range of sizes rather than a single fixed target.

What's included: head phantom, sample X-ray data (DVD), storage case, instruction manual.

Materials: urethane-based resin (soft tissue and skull), epoxy resin (cervical vertebrae C1–C7). **Size:** H33cm.

Training application: CT.

Developed under supervision of Hidetake Hara, Department of Radiology, School of Allied Health Sciences, Kitasato University.

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: What lesion sizes are included? A: Two 20mm diameter and two 30mm diameter simulated acute stroke lesions, giving a realistic range of detection targets.

Q: Why does this phantom focus on low-contrast, low-energy imaging? A: Early acute stroke lesions typically present with subtle, low-contrast changes that are challenging to detect. This phantom is specifically designed to train and evaluate performance on this challenging imaging scenario.

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