

PH-53 | 41918-000

Brain Phantom IB-20 advanced



For uptake ratio calibrations and studying the L-123DaTSCAN scatter correction techniques



FEATURES

This brain phantom of the striatal region with replicated skull densities of a male and female is useful for uptake ratio calibrations and studying the I-123 DaTSCAN scatter correction techniques

APPLICATIONS

SPECT, PET

DESCRIPTIONS

SET INCLUDES

- | | |
|--|--|
| 2 bone scatterer cases
adult male: equivalent HU750
elderly female: equivalent HU530 | 1 Velcro tape
1 petroleum jelly
1 storage case
manual |
| 1 brain striatum phantom | |
| 1 screwdriver | |

SPECIFICATIONS

Phantom size:
W21×D15×H8 cm
W8.2×D5.9×H3.1 in

MATERIALS

Brain striatum: epoxy resin
Brain striatum container: urethane resin
Cerebral ventricle: urethane resin
Brain striatum phantom cover: acrylic
Bone scatterer case: epoxy resin

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Brain Phantom IB-10

Dual- fluid system to vary the absorption rate, and 5 cm thickness for the vertical setting of the camera



SHOW MORE!



APPLICATIONS

SPECT, PET

EVALUATION PARAMETERS

- | | |
|--------------------------------------|--|
| Homogeneity evaluation | Detectivity of gray matter and white matter |
| Cross calibration | Spatial resolution of negative images |
| Gamma ray absorption rate by a skull | Radioactive concentration and linearity of SPECT value |

DESCRIPTIONS

SET INCLUDES

- | |
|------------------------|
| 1 brain unit |
| 1 skull container unit |
| 1 J-Jack unit |
| 1 sectioned unit |

MATERIALS

Acrylic resin/ urethane resin

SPECIFICATIONS

Phantom size:
W21×D15×H8 cm / W8.2×D5.9×H3.1 in