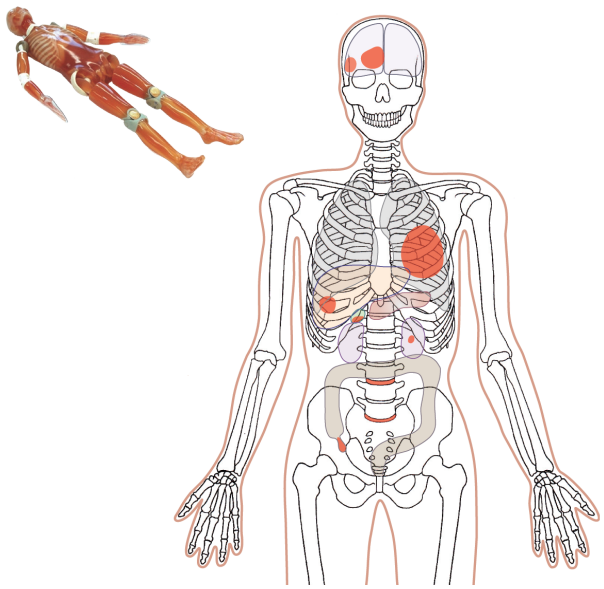
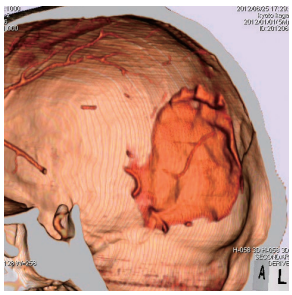
PH-2E | 41350-700

CT Whole Body Phantom with Pathologies

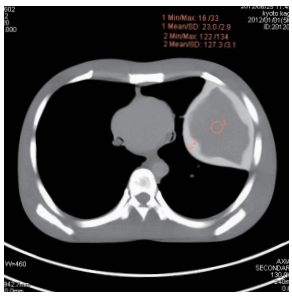
CT X-ray

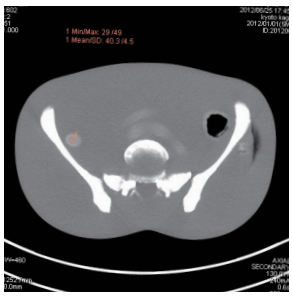
Implement theory with practice with pathological findings in this hands-on training phantom





SHOW MORE!





FEATURES

- Pathological findings added to detailed anatomy of PBU-60
- Radiology absorption and HU number approximate to human body
- Main joints have close-to human articulation
- Phantom can be disassembled into 10 individual parts

APPLICATIONS

- CT
- Plain X-ray
- Basic patient positioning

ANATOMY and PATHOLOGY

Cases	HU number at 80KeV	Cases	HU number at 80KeV	Cases	HU number at 80KeV
Brain tumor	130	Hepatic tumor	10	Kidney stone	170
Subarachnoid hemorrhage	90	Pancreatitis	30	Appendicitis	inside: 30 / outside: 40
Pulmonary tumor	inside: 30 / outside: 130	Gall stone	170	Spondylolisthesis	-

Full internal organs

Bony structure
Synthetic skull
Cervical vertebrae
Vertebrae
Clavicles
Ribs
Sternum
Scapula
Coxal bones
Femurs

Internal organs	HU number at 80KeV
Brain	
Cerebrum	40
Mesencephalon	40
Cerebellum	40
Cerebral ventricles	10
Eye balls	20
Arteries with contrast medium (left half only)	250
Lungs	-1000
Pulmonary vessels	8
Trachea	trachea wall: 8 / inside: -1000
Heart	PBU-50: 8 / PBU-60: 40
Liver	70

Internal organs	HU number at 80KeV
Portal and hepatic veins	40
Pancreas	30
Kidneys	30
Gallbladder	20
Spleen	50
Seminal vesicle	25
Aorta	40
Cava	70
Ureter	ureteral wall: 30 / inside: 10
Urinary bladder	10
Prostate	50
Rectum	rectum wall: 70 / inside: -800
Sigmoid Colon	colon wall: 70 / inside: -800

DESCRIPTIONS

SET INCLUDES

1	whole body phantom	1	hand-fixture belt
1	head supporter	1	set of sample CT/X-ray data (DVD)
1	flat head screwdriver		manual

SPECIFICATIONS

Phantom height:
165 cm
65 in

Phantom weight:
50 kg / 110 lb

Packing size:
W92 x D57 x H38 cm/W36 x D22 x H15 in
W90 x D63 x H22 cm/W35 x D25 x H8.7 in
W89 x D57 x H16 cm/W35 x D22 x H6.3 in

Packing weight:
80 kg / 176 lb

MATERIALS

Soft tissue: urethane based resin (density 1.06)
Synthetic bone: epoxy resin (density: 1.31)
Skull: epoxy resin (density: 1.11)
*Phantom has no metal parts or liquid structure

OPTIONAL PARTS

41363-070	storage cases (consist of 2 boxes)
41350-200-16	body plates for PH-2/2B (BMI 32)
41350-200-17	body plates for PH-2/2B (BMI 40)

Storage case P.12 ▸