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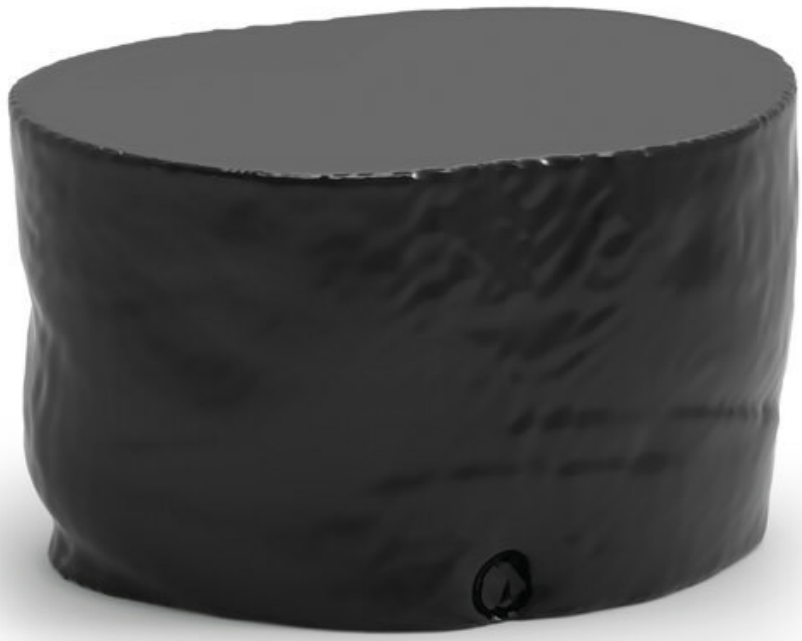
NLP1110 - Abdomen phantom child for CT, X-ray and radiation therapy

Order code: **4003.NLP1110**



Information about product price on demand

Parameters

Phantoms and simulators	X-ray phantoms
Quantitative unit	ks

This phantom is created from real patient data and is manufactured using the latest technology. Bones, vessels and soft tissue are displayed authentically with realistic CT values ??for all tissues at 120 kVp tube voltage in the CT. If the phantom is mainly to be used with other tube voltages (e.g. 100 kVp), the calibration of the CT values ??can be adjusted accordingly if required. The phantom provides realistic tissue contrasts in X-ray imaging. Air spaces are filled by a material with about -80 Hounsfield units.

The phantom provides an extremely realistic simulation of an abdomen with contrast medium (portal venous phase) of a child with a flat vertebra (first lumbar vertebra). The phantom provides realistic tissue contrasts (with portal venous contrast) in the X-ray imaging. The phantom includes the abdomen of the tenth Thoracic vertebrae up to the base plate of the fourth lumbar vertebra including the complete liver and both kidneys.

Size: 20x16x12cm