RANDO Phantom

Comprehensive verification of the complete treatment planning sequence.

**Designed for maximum flexibility and maximum applications.**
The RANDO® Phantoms provide the detailed mapping of dose distribution that is essential for evaluating radiotherapy treatment plans. There are two RANDO® models, RANDO® Man and RANDO® Woman. Breast accessories are available for both models. RANDO® Phantoms are constructed with a natural human skeleton cast inside material that is radiologically equivalent to soft tissue. The RANDO® lungs are molded to fit the contours of the natural human rib cage. The lower-density material in the RANDO® lungs is designed to simulate human lungs in a median respiratory state.

Dose measurements are obtained by using film or individual dosimeters. For dose mapping, RANDO® Phantoms are sliced into 2.5cm sections.

Optional hole grids are drilled through the phantom’s soft tissue materials. Holes are not drilled though bone. A variety of commercially available dosimeters can be used in these grids. The RANDO® Phantoms are equipped with standard, close-fitting Mix D plugs inserted in the holes. However, The Phantom Laboratory can also provide optional Mix D plugs made to hold TLD chips, as well as Thermoluminescent Capsules for Lithium Fluoride Powders.

**Additional Information**

| Product Category | Phantoms » QA Phantoms » Fluoroscopy / Angiography |

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