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RS-310 to RS-350 Lung/Chest Phantoms



Introduction

Developed in conjunction with the University of California at Irvine's Department of Radiological Sciences, the Fluke Biomedical Lung/Chest Phantom is a specialized phantom, providing a high degree of realism in chest radiography. The Fluke Biomedical Lung/Chest Phantom extends from the neck to below the diaphragm. It is molded about a male skeleton, corresponding to the external body size of a patient, 5 feet, 9 inches (175 cm) tall and weighing 162 lbs (73.5 kg). The Fluke Biomedical phantom materials are equivalent to natural bone and soft-tissues. Animal lungs are selected to match the size of an adult male. Lungs are fixed in the inflated state and are molded to conform to the pleural cavities of the phantom. The pulmonary arteries are injected with a blood-equivalent plastic.

The Lung/Chest Phantom with simulated left coronary artery reveals several areas of coronary artery irregularity and narrowing.

- ◆ The next best thing to human lungs for radiographic studies
- ◆ Extensive vascular detail
- ◆ Different degrees of vascular contrast available
- ◆ Interchangeable normal and pathological lungs
- ◆ Lung wrap-around pathology overlays