

# **A Adam, Rouilly**

AR10A

## **X-Ray / Radiographic Positioning Doll**

**Product Leaflet**



## X-Ray / Radiographic Positioning Doll

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This life-size Radiographic Positioning Doll provides a safe, realistic training tool for radiography students. With a fully articulated, radiolucent skeleton and clearly identifiable anatomical landmarks, it enables accurate practice in patient handling, positioning, X-ray techniques, CT and MRI scanning across a wide range of learning scenarios.

Durable and lightweight, it is designed for repeated use in teaching environments. Its realistic design helps build assurance in technique and accuracy, while also encouraging correct use of equipment and positioning methods. By bridging the gap between classroom learning and patient contact, the Doll allows students to refine their skills in a safe, controlled setting, reducing anxiety and improving readiness for clinical practice. The opportunity to make and correct mistakes without consequence greatly enhances understanding and retention, making it an invaluable step between theory and patient care.

Adopted by institutions worldwide, it continues to be a trusted training resource for developing skilled and capable radiographers. Its proven durability and adaptability ensure long-lasting value, supporting both individual learning and group demonstrations across educational settings. Institutions consistently report improved engagement, as the realistic structure encourages hands-on participation and reinforces good practice from the very beginning of training.

### Skills

- Invaluable teaching aid for Schools of Radiography without risk to patients or students
- Life-size human figure for practising the following key skills:
  - Positioning techniques
  - Patient handling
  - X-Ray, CT and MRI machine use

### Features

- Life-size figure including fully flexible, articulated plastic skeleton
- No metal used in articulation
- Anatomical landmarks easily identified
- Body covering simulates surface anatomy and remains radiolucent
- Radiolucent larynx, heart, lungs and kidneys
- Lightweight and easily portable
- Realistic joint flexibility with slight hyperflexion at knees and elbows, sufficient hip rotation
- Durable articulation ensures long-term use

### Note

Height: 165 cm

Weight: 12 kg



- 1 Patient Handling
- 2 CT Scanning

- 3 MRI Scanning
- 4 Individual X-Rays of Each Doll

## Individual X-Rays

- Each Doll is individually X-Rayed
- Customers can be reassured that there are no metal parts in the Doll by referring to the set of digital X-Rays which are supplied with each Doll

## CT & MRI Scanning

- The X-Ray Positioning Doll contains no metal parts so can be imaged for positioning and centering for whole body CT and MRI Scanning
- Good image quality in terms of body outline and fundamental structure can be obtained. Internal organs are less clearly defined.
- Certain areas of the skeleton structure e.g. thoracic vertebrae and the head of the femur gave similar values to the typical patient
- As the Doll is very different from the human body in terms of attenuation it cannot be used for training in, or practising exposure control

## Positioning

- The Doll is best used in the recumbent positions as, although it is possible to use an upright bucky with supports, this makes the use of positioning blocks and immobilization devices more difficult
- The Doll will lie naturally in the neutral position, prone or supine, without support
- A wide selection of positioning aids must be at hand, e.g. foam blocks, wedges, sand bags and compression band. These are essential to maintain any position other than neutral as the skin of the Doll has some resistance to overcome. This is, of course, an advantage in the teaching as it prevents the student cutting corners by omitting the use of these positioning aids
- The Doll can be positioned for all standard projections with no more difficulty than a difficult patient might present

# Safety in Training, Safety in Practice

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As part of our policy of continuous product development, the specifications of our products may change without prior notice.

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