

## **R42 Bariatric Nursing Manikin**

Order code: **4131.R42**



Information about product price on demand

Parameters

Quantitative unit

ks

The R42 Bariatric Nursing Manikin offers a diverse and inclusive representation of patients, addressing the gap in realistic training for bariatric and obese individuals.

This feature enhances healthcare professionals' preparedness to care for a broad spectrum of patients, fostering empathy and competence.

R42 is designed on a modular concept. This will ensure that the any purchased R42's can be updated throughout the ownership of the manikin.

Obesity and bariatric patients are significantly underrepresented in healthcare education and training equipment, including manikins used for nursing, paramedic, and medical instruction. This gap in training products contributes to a lack of sensitivity and preparedness among healthcare staff and clinicians when dealing with obese patients

## **Key Features**

### **Realistic Representation**

The R42 Bariatric Nursing Manikin is designed to represent a 145kg (320lbs) female patient. Its lifelike features provide an accurate training experience. Though the actual manikin weighs much less.

Although the manikin weighs 48kg (106lbs) more weight can be added on request to the limbs and body.

### **Advanced Airway Management**

Grade 2 airway as standard, with optional Grade 1 if requested. Practice intubation with chest rise, ensuring that healthcare professionals are well-prepared for various airway scenarios. The Airway will take an Endotracheal tube and supraglottic airways such as LMA and Igel.

### **Chest Compressions**

To practice CPR, the latest version will include a chest compression capability, to further enable resuscitation scenarios (available by September 2024).

### **Realistic articulated Limbs**

The manikin's arms and legs mimic the weight and challenges of caring for a bariatric patient. This is very relevant to the transfer of Bariatric patients throughout their journey through the healthcare system. This realism ensures effective training.

The revolutionary limb articulation means that R42 may be positioned in lithotomy and catheterisation positions. As well as realistic positioning within the operating room, and may even be placed in the prone position.

### **Ethnicities and Gender**

R42 is available in a variety of skin tones and will be available in African and Southeast Asian versions with accurate regional facial features and skin tones. In addition to this a male version will be launched within 2024.

### **Realistic Teeth**

R42 has realistic teeth that can be changed easily.

### **Vomiting Feature**

Simulate patient vomiting, enhancing training for handling unexpected situations.

### **Limited Neck Movement**

Representing an obese person with limited neck movement.

### **Upright Sitting**

The manikin can sit upright on a chair, allowing for training in patient positioning.

### **Female Genitalia for Catheterisation**

Practice catheterisation, an essential skill in patient care.

### **Intravenous Catheterisation**

Is possible, as well as the ability to give fluid. This will accurately represent an obese arm for greater realistic scenarios (available by September 2024).

### **Intramuscular Injections Points**

To simulate the giving of IM drugs (available by September 2024).

### **Stoma Site**

A Stoma site will enhance patient care scenarios (available by September 2024).

### **The Future**

Because of the unique modular design, and a robust roadmap for development, R42 will continue to evolve as a product to meet more patient safety and healthcare training scenarios that will enhance training in nursing education, medical training, and allied healthcare in both pre and post graduate settings.

### **Ownership will mean evolution of your product over time.**

### **Able To Use Monitoring**

Incorporate advanced patient monitoring systems to simulate vital signs and enhance the realism of your training scenarios.

## **Added Features**

### **Wounds Simulation**

R42 offers a realistic wounds simulation, allowing healthcare professionals to practice wound care and management.

### **Bed Sores**

The manikin can simulate bed sores, helping healthcare professionals understand the prevention and treatment of these conditions in bariatric patients.

### **Infections**

R42 includes infection simulation, enabling training on the prevention and control of infections, a critical aspect of patient care for bariatric individuals.

### **Customised Limbs (on request)**

R42 provides the option to interchange limbs to simulate various conditions, including diabetes-related issues, amputations, and trauma. This feature enhances training for a broader range of patient scenarios, ensuring healthcare professionals are well-prepared for diverse clinical situations.

## **Suitable For**

### **Anaesthesia Training**

Ideal for intubation practice with chest rise, ensuring readiness for a wide range of intubation scenarios.

### **Moving and Handling**

Training for the complete patient journey, from paramedics and emergency responders to the operating room and wards.

### **Basic Nursing Training**

The manikin's realism encourages empathy and showcases diversity, offering a holistic approach to patient care.

## **Why Choose R42?**

### **Inclusivity**

The R42 Bariatric Nursing Manikin fills the gap in training for bariatric patients, promoting diversity and ensuring that all patients receive optimal care.

With body diversity a reality in all the patient demographics of healthcare, it is crucial that all patient sizes are represented accurately. R42 is representative of the "New Normal" in patients and ensures that users can practice scenarios that they would practice on traditional manikins, while ensuring scenarios are more realistic and accurate when associating with real people.

### **Realism**

Our manikin accurately replicates the challenges of caring for a bariatric patient, providing a lifelike training experience.

### **Versatility**

Suitable for a range of healthcare scenarios, from anaesthesia and surgery to patient transport and basic nursing care.

### **Enhanced Preparedness**

Train healthcare professionals to handle unexpected situations Healthcare professionals should always train for the "worst case scenario". Obesity can present greater challenges for various reasons when treating patients. R42 can ensure that multiple worst-case scenarios are able to convincingly be practiced for the first time.