

# **Middle East & Africa Healthcare Manikins Market Forecast to 2031 - Regional Analysis - by Product (Adult CPR Manikins, Full Body Manikins, Choking Manikins, Injection Simulators, and Others), Age Group (Adult Manikins, Pediatric Manikins, and Neonatal Manikins), Application (Cardiology, Obstetrics & Gynecology, Critical Care, Neurology, Urology, and Others), and End User (Medical School, Hospitals, Clinics, and Others)**

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## **Abstracts**

The Middle East & Africa healthcare manikins market was valued at US\$ 102.50 million in 2023 and is anticipated to reach US\$ 294.29 million by 2031; it is anticipated to register a CAGR of 14.1% from 2023 to 2031.

Rising Adoption of Simulation-based Healthcare Manikins for Training Bolsters Middle East & Africa Healthcare Manikins Market

Healthcare manikins that are simulation-based are preferred by healthcare institutes as they increase the realism of performed procedures, minimizing the risks involved in learning how to perform procedures, enabling students to reproduce specific tasks planned in the scenario, and ensuring a safer environment.

For instance, Guamard provided training in respiratory care, intensive care, and critical care for COVID-19 patients. The proper use of ventilators and respirators was done on manikins that respond to ventilation. The simulator went through various scenarios wherein the patient may be under sedation, stress, and other conditions to understand

and adapt the healthcare provider's approach to treatment and care. In addition, CAE Healthcare has developed various downloadable 'Simulated Clinical Experience (SCE)' software patch for their different types of nursing manikins that would recreate the symptoms and behaviors of a sick patient. The company also provided webinars for training purposes. Thus, the rising adoption of simulation-based healthcare manikins for training in healthcare institutes such as medical schools, nursing programs, and specialized training centers is anticipated to support market growth in the future.

### Middle East & Africa Healthcare Manikins Market Overview

Cardiac disorders are the leading cause of death in Saudi Arabia. Mortality from the OHCA and poor awareness among the general public and healthcare professionals underline the need for healthcare and awareness initiatives in the country. The improved healthcare infrastructure is expected to have a positive impact on the healthcare manikins market in the country. Various research studies have noted the inadequacy of awareness of CPR for patients among the masses. In most cases, while respondents were aware of CPR, they lacked the knowledge of practicing it. A study assessing the awareness and knowledge of CPR among students at Taif University showed a lack of theoretical and clinical training for up-to-date CPR techniques in the curriculum. The study recommended training and skill development initiatives for all healthcare professionals, including the addition of basic life support knowledge in the students' curriculum. Such initiatives are expected to create growth opportunities for the healthcare manikins market in Saudi Arabia in the coming years. Moreover, the use of high-fidelity healthcare manikins is expected to increase with the improving healthcare infrastructure across the country.

### Middle East & Africa Healthcare Manikins Market Revenue and Forecast to 2031 (US\$ Million)

### Middle East & Africa Healthcare Manikins Market Segmentation

The Middle East & Africa healthcare manikins market is categorized into product, age group, application, end user, and country.

Based on product, the Middle East & Africa healthcare manikins market is segmented into adult CPR manikins, full body manikins, choking manikins, injection simulators, and others. The adult CPR manikins segment held the largest market share in 2023.

In terms of age group, the Middle East & Africa healthcare manikins market is

categorized into adult manikins, paediatric manikins, and neonatal manikins. The adult manikins segment held the largest market share in 2023.

By application, the Middle East & Africa healthcare manikins market is segmented into cardiology, obstetrics & gynaecology, critical care, neurology, urology, and others. The cardiology segment held the largest market share in 2023.

Based on end user, the Middle East & Africa healthcare manikins market is segmented into medical school, hospitals, clinics, and others. The medical school segment held the largest market share in 2023.

By country, the Middle East & Africa healthcare manikins market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa healthcare manikins market share in 2023.

3B Scientific; Ambu AS; CAE Healthcare Inc; Echo Healthcare; Gaumard Scientific Co Inc; Laerdal Medical AS; Nasco Healthcare; Practiman; Ruth Lee Ltd; and TruCorp are some of the leading companies operating in the Middle East & Africa healthcare manikins market.

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