

South & Central America 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 South & Central America healthcare manikins market was valued at US\$ 168.40 million in 2023 and is anticipated to reach US\$ 517.17 million by 2031; it is anticipated to register a CAGR of 15.1% from 2023 to 2031.

Increasing Applications of Robotics, Artificial Intelligence (AI), Augmented Reality (AR), and 3D Printing Fuel South & Central America Healthcare Manikins Market

Advancements in augmented reality are expected to create life-like modules for teaching and training purposes. The Mixed Reality concept by Guamard involves visualization and interaction with a specific digital clinical scenario. The use of haptics and other interactive technologies promotes a better understanding of treatments and the feedback from haptics aids in developing better skills. Artificial intelligence is expected to provide significant growth opportunities, as robotics and interactive reactions from training manikin are likely to aid the skill development process and increase training scenario complexities, leading to better training, diagnosis, and treatment outlook.

The use of 3D printing to print healthcare manikins has also come out as a potential growth opportunity. For instance, Creatz3D & AuMed 3D printed manikins were used as training aids for respiratory swab collection during the COVID-19 pandemic. 3D printing aided the production of bespoke training aids that could be designed with a limited amount of raw material. This technology can also be levied for developing training modules for complex surgeries or procedures wherein normal anatomy and physiology do not apply, and a specialized healthcare manikin is required. Thus, the rising acceptance and application of all the above-mentioned technologies is expected to favor the market growth in the coming years positively.

South & Central America Healthcare Manikins Market Overview

Brazil is one of the most developing countries in South & Central America, with the notable presence of healthcare facilities and technology providers. As per the article “First Evaluation of the Brazilian Advanced Life Support Training (TECA A),” published in Sociedade Brasileira de Cardiologia, ~200,000 CA cases are registered in Brazil every year. According to a Brazilian study, patients who had an OHCA and were resuscitated by emergency ambulance staff, reported a hospital discharge rate of 3.9%. Owing to the surging prevalence and poor prognosis of cardiac arrest, organizations in Brazil are focusing on introducing courses for training people and professionals on the management of cardiac arrest incidents. The American Heart Association’s (AHA) Advanced Cardiovascular Life Support (ACLS) launched the TECA A (Treinamento em Emergências Cardiovasculares Avançado — Advanced Cardiovascular Emergency Training) simulation methods for the management of cardiac arrest, acute coronary syndrome, acute heart failure, cerebrovascular accident, and some arrhythmias. Hence, the increasing number of training initiatives for cardiology disease management among healthcare professionals fuels the growth of the healthcare manikins market in Brazil.

South & Central America Healthcare Manikins Market Revenue and Forecast to 2031 (US\$ Million)

South & Central America Healthcare Manikins Market Segmentation

The South & Central America healthcare manikins market is categorized into product, age group, application, end user, and country.

Based on product, the South & Central America 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 South & Central America 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 South & Central America 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 South & Central America 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 South & Central America healthcare manikins market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America 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 South & Central America healthcare manikins market.

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