

Asia Pacific 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 Asia Pacific healthcare manikins market was valued at US\$ 515.48 million in 2023 and is anticipated to reach US\$ 1,793.26 million by 2031; it is anticipated to reach a CAGR of 16.9% from 2023 to 2031.

Increasing Applications of Robotics, Artificial Intelligence (AI), Augmented Reality (AR), and 3D Printing Boost Asia Pacific 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.

Asia Pacific Healthcare Manikins Market Overview

China has one of the prominent healthcare systems in Asia Pacific. The increasing prevalence of CVD is one of the noteworthy factors driving the healthcare manikins market growth in the country. As per the World Heart Federation, noncommunicable diseases, including CVDs, are estimated to account for 87% of total mortality in adults in China. China has one of the highest CVD death rates in the world. The burden of CVDs has spurred significantly in the country, which can be attributed to the burgeoning population with hypertension, and the elevated prevalence of smoking and unhealthy diet. There are more than 300 million smokers in the country. As the population ages at an ever-faster pace, the number of patients with cardiac diseases is expected to rise in the coming years.

Asia Pacific Healthcare Manikins Market Revenue and Forecast to 2031 (US\$ Million)

Asia Pacific Healthcare Manikins Market Segmentation

The Asia Pacific healthcare manikins market is categorized into product, age group, application, end user, and country.

Based on product, the Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific healthcare manikins market is segmented into China, Japan, India, Australia, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific healthcare manikins market share in 2023.

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

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