

China Anesthesia Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The China Anesthesia Devices Market size is estimated at USD 0.85 billion in 2024, and is expected to reach USD 1.21 billion by 2029, growing at a CAGR of 7.30% during the forecast period (2024-2029).

The COVID-19 pandemic affected healthcare systems globally and resulted in the interruption of usual care in many healthcare facilities, exposing vulnerable patients to significant risks. COVID-19 has impacted the growth of the studied market. For instance, according to an article published in September 2020, titled 'Measures taken to alleviate the impact of COVID-19 outbreak on surgical patients', it has been observed that elective surgeries in Chinese hospitals dropped by 70-95% during the pandemic. Thus, the disrupted surgical procedures have impacted the demand for anesthesia monitoring devices and disposables market growth during the COVID-19 pandemic. However, the resuming services and releasing restrictions of COVID-19 and the high number of surgical backlogs are expected to increase the demand for anesthesia delivery and monitoring machines, as well as disposables over the forecast period.

Certain factors that are propelling the market growth are the increasing geriatric population and a rise in the number of surgical procedures requiring anesthesia, the presence of a large patient pool due to chronic diseases, and technological advancements in anesthesia technology.

In addition, the rising geriatric population who are more prone to develop chronic diseases such as cardiovascular diseases, bone, and joint-related disorders, and others, cause an increased verge on surgeries and therapeutics. This demands continuous monitoring, and it leads to the growth of the anesthesia devices market. For instance, according to the 2022 statistics published by the United Nations Population Fund, in China, a large proportion of the living population is aged 15-64 and accounts for 70% in 2022. In addition, as per the same source, 13% of the population is aged 65 years and above in 2022.

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Additionally, the rising prevalence of chronic diseases is also expected to boost the demand for surgeries which in turn is anticipated to rise the need for anesthesia devices and disposable items, thereby fuelling the market growth. For instance, according to a study published in April 2022, titled 'Cardiovascular Disease Mortality and Potential Risk Factor in China: A Multi-Dimensional Assessment by a Grey Relational Approach', Pulmonary heart disease has become the third greatest cause of mortality and disability in the Chinese population at the turn of the century and approximately 5 million of the 290 million people with cardiovascular diseases (CVD) had pulmonary heart disease. Thus, the increasing number of patients with cardiovascular diseases in China is expected to increase the number of surgeries, which is expected to increase the demand for anesthesia delivery and monitoring devices, thereby propelling market growth.

Furthermore, rising company activities in developing technologically advanced products and increasing product launches in the country are also contributing to market growth. For instance, in December 2021, Mindray and MDoloris Medical Systems received the CE mark approval for the Analgesia Nociception Index (ANI)-MR module. The module is developed as a solution for integration into Mindray's BeneVision N Series patient monitoring devices. Also, in October 2020, Mindray launched brand new A9 and A8 anesthesia systems in Europe and other selected regions. The launches help the company to withhold its position in the high-end anesthesia machine market.

However, the difficulties associated with the usage of anesthesia devices and the issues regarding product recalls are expected to restrain the market growth over the forecast period.

China Anesthesia Devices Market Trends

Anesthesia Monitors is Expected to Register a High CAGR in the China Anesthesia Devices Market Over the Forecast Period

The anesthesia monitors segment is expected to witness significant growth in the China anesthesia devices market over the forecast period owing to the factors such as the increasing prevalence of chronic diseases such as cancer, cardiovascular, and others, which rises the number of surgical procedures in the country.

The rising burden of chronic diseases among the population is the key factor driving the market growth. For instance, according to an article published in March 2021, titled 'Changing profiles of cancer burden worldwide and in China: a secondary analysis of the global cancer statistics 2020', it has been observed that, in 2020, China was accountable for 24% of all newly diagnosed cases and 30% of all cancer-related fatalities worldwide. In addition, in 2020, the age-standardized incidence rate of cancer in China was 204.8 per 100,000. Also, according to the Global Cancer Observatory's (updated in March 2022) forecasts, in China, 4,568,754 new cancer cases were diagnosed in 2020, and 3,002,899 cancer fatalities. The presence of a large population affected by cancer will increase the demand for inhalation anesthetics as the number of surgeries rises, thus, boosting the growth of the overall market.

Furthermore, according to a study published in the Journal of the American College of Cardiology in June 2020, the burden of cardiovascular disease (CVD) in China is very high, owing to highly prevalent and poorly controlled risk factors resulting from changing sociodemographic structure and lifestyles in the country's large population. This is expected to increase the number of surgeries, thereby propelling the demand for anesthetic monitoring devices across all hospital settings.

Moreover, the development of Covid-19 has also increased demand in China for anesthetic monitoring devices. For instance, a research article titled 'Chinese Society of Anesthesiology Expert Consensus on Anesthetic Management of Cardiac Surgical Patients With Suspected or Confirmed Coronavirus Disease 2019' published in June 2020, suggests the necessity of anesthesia monitoring during cardiovascular surgery in patients with COVID-19 and the importance in lowering the risk of mortality and morbidity. This increases the demand for anesthesia monitoring devices in China.

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Thus, owing to the aforementioned factors, the studied market is expected to grow over the forecast period.

China Anesthesia Devices Industry Overview

China is a developing economy. Although its healthcare system is not highly developed, China is spending more each year on its healthcare system. This has encouraged many global companies to enter the market and as a result, many global players in the patient monitoring market are present in the country. Moreover, some domestic players have also been competing in the Chinese market. These factors have made the region fairly competitive. Some of the players in the market are

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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