

Surgical Sutures Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The surgical sutures market is expected to register a CAGR of more than 5.8 % during the forecast period.

Since the beginning of the pandemic, healthcare systems have been affected drastically due to the cancellation of surgeries, delayed appointments, and long wait times, among others. The surgical procedures have been delayed, and the number of surgical procedures decreased. A study published in December 2021 entitled "Trends in US Surgical Procedures and Health Care System Response to Policies Curtailing Elective Surgical Operations During the COVID-19 Pandemic" showed that the overall rate of surgical procedures decreased by 48.0% during the initial shutdown of elective procedures compared to the same period in 2019 in the United States. This decline in surgical procedures led to decreased demand for surgical sutures as well.

However, the rise in the hospital admission of chronic disease patients and increased trauma cases have increased the demand for surgeries globally. This is anticipated to increase the demand for usage and adoption of surgical sutures as many orthopedic, alimentary, ophthalmic cases, and several other parts of the body require surgical suturing in case of surgeries. Therefore, an increase in the number of surgeries influenced the demand for surgical sutures, positively affecting the growth of the market.

The Behavioral Risk Factor Surveillance System (BRFSS) 2019 data shows that the adult obesity rates exceeded 35% in nine states, 30% in 31 states, and 25% in 48 states in the United States. According to the same source, Mississippi and West Virginia carried the highest adult obesity rate at 39.5%, and Colorado had the lowest rate at 23%. This increasing burden of obesity among the population is increasing the demand for bariatric surgeries. This drives the demand for more surgical sutures to be used for bariatric surgeries and contributes to the faster growth of the market. Many hospitals and ambulatory surgery departments that specialize and technologically advanced surgical suture techniques may contribute to the market growth during the forecast period.

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Surgical Sutures Market Trends

The Orthopedic Surgery Segment is Expected to Witness Growth Over the Forecast Period

Ankle and foot fractures are among the most diagnosed forms of trauma, which are managed by orthopedic teams globally. Suture materials used in orthopedic surgery are used for closing wounds and repairing fascia, muscles, tendons, ligaments, joint capsules, and cerclage or tension band of certain fractures.

The sports activities and interest in various exercises and physical activities among children and adults have increased currently, contributing to most orthopedic injury incidences. The National Safety Council (NSC) facts and figures for injury in the United States 2020 report shows that bicycling accounted for about 426,000 injuries, and exercise, with or without equipment, accounted for about 378,000 injuries. The injuries due to ATV, moped, and minibike were 230,000, and those due to skateboard, scooter, and hoverboard were 218,000.

These increasing number of injuries primarily contribute to the soft tissue damage, mainly tendons, which generates demand for more orthopedic closure surgeries. Therefore, the orthopedic surgery segment is expected to register a strong growth rate during the forecast period.

North America is Expected to Dominate the Market During the Forecast Period

North America is one of the major contributors to the studied market, owing to the rise in musculoskeletal disorders and growing cases of sports-related injuries, increasing bariatric surgeries, and increasing chronic diseases in the region.

Furthermore, in the United States, the number of people above 65 years of age is projected to reach 84,813 thousand by 2030, from 53,340 thousand in 2019, and the 65-and-older age group's share in the total population may rise from 16.2% in 2019 to 22.4%, by 2050, as per the World Population Aging Report 2019. This growing geriatric population is another factor attributing to the growth of the surgical sutures market as they contribute to a greater number of chronic diseases, which leads to surgeries, and thereby increases the demand for surgical sutures. This is expected to drive the growth of the market in the region.

In the United States, high hospital admission rates, technological advancements in healthcare facilities, more healthcare expenditure from the government, better distribution channels by companies, and reimbursement policies drive the surgical sutures market. Therefore, owing to these factors, the United States is believed to have a significant share in the market studied over the forecast period among all the other countries in the region.

Surgical Sutures Market Competitor Analysis

The major market players are focusing on technological advancements and improving the material quality used in sutures for better treatment of the injury site. Some of the major players in the market are B. Braun Mesungen AG, Boston Scientific Corporation, Conmed Corporation, Integra LifeSciences Corporation, Johnson & Johnson, Medtronic PLC, Mellon Medical BV, Smith & Nephew PLC, and Teleflex Incorporated, among others.

Additional Benefits:

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

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