

## **India Surgical Sutures - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

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### **Report description:**

The India surgical sutures market size is expected to grow from USD 184.73 million in 2024 to USD 230.0 million by 2029, registering a CAGR of 4.55% during the forecast period.

Since the beginning of the pandemic, healthcare systems were drastically affected, among other things, by the cancellation of surgeries, delayed appointments, and long wait times. The surgical procedures were delayed, and the number of surgical procedures decreased. For instance, as per the study published in the Malaysian Orthopedic Journal in March 2021, in India, elective surgery was canceled by the majority of hospitals (68.02%). Compared to the same period the previous year, there was a considerable decrease in the overall number of surgical procedures conducted. This decline in surgical procedures also led to decreased demand for surgical sutures. Therefore, COVID-19 had an impact on the surgical suture market in India. However, currently, the market is recovering well owing to a resumption of surgical procedures and the availability of products, and it is expected to witness a similar trend over the coming years.

However, the rise in the hospital admission of patients with chronic diseases and the increase in trauma cases increased the demand for surgeries across India. It is anticipated to increase the demand for the usage and adoption of surgical sutures as many orthopedic, alimentary, ophthalmic, and other surgeries require surgical suturing. Therefore, an increase in the number of surgeries influenced the demand for surgical sutures, positively affecting the market's growth.

For instance, according to the Road Accident in India Report published in 2021, 4,12,432 road accidents were reported in the country, claiming 1,53,972 lives and causing injuries to 3,84,448 persons. The increase in road accidents leads to a rise in the admission of patients to trauma centers, leading to increased surgical procedures, thereby boosting the demand for surgical sutures. Additionally, as per an article published in the World Journal of Surgery in January 2021, a total of 3,646 surgeries were

estimated to be performed annually to meet the surgical needs of the Indian population, as compared to the global estimate of 5,000 surgeries per 100,000. It drives the demand for more surgical sutures for these surgeries and contributes to faster market growth.

Moreover, the growing burden of chronic diseases is expected to boost the market growth. According to the study published in PLOS One in March 2022, about 21% of older people reportedly suffer from at least one chronic disease in India. 17% of the older people in rural areas and 29% in urban areas suffer from chronic disease. Hypertension and diabetes account for about 68% of all chronic diseases. Furthermore, as per an article published in the PLoS One Journal, the prevalence of obesity among Indian adults aged 20-69 is rapidly increasing. Obesity is estimated to reach 9.5% among men and 13.9% among women by 2040. Since bariatric surgery is a commonly used procedure for obese people, the high burden of obesity is expected to propel market growth.

Therefore, owing to the factors above, it is anticipated that the studied market will witness growth over the analysis period. However, needle-related infections and the increasing preference for minimally invasive surgeries will likely impede the market growth.

#### India Surgical Sutures Market Trends

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

The orthopedic surgery segment is expected to hold a significant market share owing to the increasing prevalence of orthopedic diseases like arthritis and knee injuries, a rise in the geriatric population, and strategic initiatives by key market players.

As per an article published in the National Library of Medicine in August 2022, more than 63 million people in India are affected by osteoarthritis in the current year. In India, osteoarthritis includes a substantial and growing burden and impact, estimated to boost surgical procedures and the segment's growth during the forecast period. The high burden of various orthopedic conditions like fractures, arthritis, osteoarthritis, and rheumatoid arthritis, which require general surgery, propels the utility of general surgical products such as surgical sutures. Additionally, the geriatric population was more susceptible to osteoarthritis conditions, likely to propel the market's growth. According to the Elderly in India 2021 report, around 137.9 million people over 60 were living in India. The numbers are projected to rise to 193.8 million by the year 2031. Around 23% of the elderly population will include multi-morbidities, with older women being more likely to suffer from such disorders.

This increasing number of orthopedic disease cases generates demand for more orthopedic surgeries. Therefore, the orthopedic surgery segment is expected to grow strongly during the forecast period.

##### Ophthalmic Surgery Segment is Expected to Witness Growth Over the Forecast Period

The ophthalmic surgery segment is expected to grow owing to technological advancements in the field of ophthalmology. The rising geriatric population is expected to enhance the segment's growth during the forecast period of the study.

Ophthalmology-based diseases in India are increasing. For instance, according to an article published by the Indian Journal of Ophthalmology in May 2021, a study showed that the crude and overall age-adjusted prevalence for any positive dry eye disease symptom was 6.5% and 6.8% in males and females, respectively. Furthermore, according to the 2021 statistics by the Ministry of Statistics and Program Implementation (MoSPI), India, the number of females and males in the elderly population is projected to reach 100.9 million and 92.9 million by 2031, respectively. Such an anticipated increase in the elderly population growth rate is also associated with the increasing number of yearly cataract surgeries. It, in turn, indicates the rising demand for surgical sutures in the country. For instance, in May 2022, as per the Union Health Minister of the country, the country requires 49 lakh surgeries to clear the backlog of blindness due to cataracts, and 53.63 lakh surgeries are needed to clear the backlog of severe visual

impairment due to cataracts.

Hence, due to the factors above, the ophthalmology surgery segment is expected to experience growth during the forecast period of the study.

## India Surgical Sutures Industry Overview

The Indian surgical suture market is fairly competitive and includes several major players. Most of these major players enjoy a global presence and face intense competition in emerging economies. The major market players are focusing on technological advancements and improving the material quality used in sutures and better treatment of the injury site. Medtronic PLC, Johnson & Johnson (Ethicon Inc), Teleflex Incorporated, CONMED, and B. Braun SE are some players.

### Additional Benefits:

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

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