

Disposable Surgical Devices Market Size, Share & Trends Analysis Report By Product (Surgical Sutures & Staplers, Electrosurgical Devices), By Application, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Disposable Surgical Devices Market Growth & Trends

The global disposable surgical devices market size is expected to reach USD 11.26 billion in 2030 and is projected to grow at a CAGR of 9.3% from 2025 to 2030, according to a new report by Grand View Research, Inc. The growing prevalence of chronic diseases, such as cardiovascular, neurological, urological, and infectious disorders, is expected to drive the overall market. Chronic diseases are a global healthcare concern, with over half of the adult population in the U.S. suffering from them, resulting in over 75% of the total healthcare expenditure. Thus, a rise in infectious and chronic diseases is expected to create a significant demand for disposable surgical devices.

Cancer has become a significant healthcare burden and a leading cause of death across the globe. According to the WHO, almost 1 in 6 deaths can be attributed to this disease. Estimates from the same source indicate that over 70% of cancer-related deaths typically occur in middle- and low-income countries. Thus, a steady rise in the number of curative, preventive, and diagnostic cancer surgeries has been observed globally, creating a high demand for disposable surgical equipment.

The growing number of road accidents is expected to augment the demand for disposable surgical instruments. According to the WHO, around 10 million people

are injured or disabled due to road accidents every year, creating a demand for surgeries. Such wounds are commonly managed using surgical sutures. Hence, the increasing number of road accidents is expected to positively impact demand for disposable surgical sutures and staplers.

The increasing government initiatives for the usage of disposable medical devices to avoid hospital-associated infections are expected to boost the usage of single-use devices. The growing number of surgical procedures is expected to increase the need for disposable surgical devices.

Disposable Surgical Devices Market Report Highlights

The rising number of surgical procedures performed globally further contributes to market growth. This growth is fueled by expanding access to healthcare, an aging population, and greater awareness of treatment options

The disposable surgical devices industry is characterized by the increasing prevalence of chronic diseases, rising surgical procedures, and heightened awareness of infection control

The surgical sutures and staplers segment held the largest market share of 44.2% in 2024 and is expected to witness a CAGR of 9.2% over the forecast period

The general surgery segment held the largest market share in 2024, owing to its high procedural volume and broad procedural scope

The plastic and reconstructive surgery segment is expected to witness the fastest CAGR over the forecast period due to the rising global demand for aesthetic procedures, driven by increasing awareness, social media influence, and affordability

North America disposable surgical devices industry dominated the overall global market and accounted for a 39.9% revenue share in 2024

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