

Gastrointestinal Stents Market Forecasts to 2034 – Global Analysis By Product (Duodenal Stent, Biliary Stent, Pancreatic Stent, Colonic Stent and Esophageal Stent), Type (Anti-Migratory Stents, Radioactive Stents, Drug-Eluting Stents, Anti-Reflux Stents, Shape-Modified Stents and Other Types), Material, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Gastrointestinal Stents Market is accounted for \$660.0 million in 2026 and is expected to reach \$1,187.0 million by 2034 growing at a CAGR of 7.6% during the forecast period. Gastrointestinal stents are medical devices used to treat narrowed or blocked passages within the digestive system, such as the esophagus, stomach, or intestines. These tubular structures are inserted endoscopically to provide support, relieve obstruction, and facilitate the flow of fluids or food. Gastrointestinal stents play a crucial role in managing conditions like strictures, tumours, or obstructions, offering a minimally invasive alternative to surgery.

According to published report of 2022 in current oncology research article of MDPI publisher, reported upper gastrointestinal cancer incidences in China were 14,934,040 cases of male and 6,262,431 cases of female with growth rate 181.44% in between 1990 to 2019.

Market Dynamics:

Driver:

Increasing prevalence of gastrointestinal disorders

The escalating prevalence of gastrointestinal disorders, such as colorectal cancer, inflammatory bowel disease, and gastrointestinal strictures necessitates effective therapeutic interventions, where gastrointestinal stents play a crucial role in providing relief and improving patient outcomes. These stents facilitate the restoration of normal digestive function, alleviate symptoms, and offer minimally invasive solutions. The growing awareness of these disorders, coupled with advancements in stent technologies, further propels market growth as healthcare professionals increasingly opt for these devices to address the surging demand for gastrointestinal interventions.

Restraint:

Lack of awareness

Lack of awareness about gastrointestinal issues and available treatment options may lead to delayed diagnosis and treatment. It can hinder patient education and shared decision-making between healthcare providers and patients, limiting the choices available for managing gastrointestinal conditions. From a market perspective, manufacturers and suppliers may face challenges in promoting their products and expanding their market share if there is insufficient awareness among both healthcare professionals and the general public.

Opportunity:

Rising customized & patient-specific solutions

Tailoring gastrointestinal stents to individual patient needs enhances treatment efficacy and minimizes potential complications. This trend not only addresses unique anatomical variations but also improves overall patient outcomes, driving innovation and growth within the market. As demand for personalized medical interventions continues to rise, the integration of customized solutions in the gastrointestinal stents sector positions itself as a key avenue for advancement and market expansion.

Threat:

Availability of alternative treatment options

Patients and healthcare providers may opt for non-stent interventions, such as medications or minimally invasive procedures, reducing the demand for gastrointestinal

stents. This shift in preferences could impact the market share and revenue potential for traditional stent manufacturers, emphasizing the need for innovation, improved efficacy, and strategic differentiation to maintain a competitive edge in the evolving landscape of gastrointestinal treatments.

Covid-19 Impact

The covid-19 pandemic has impacted the Gastrointestinal Stents Market by causing disruptions in the supply chain, delaying elective procedures, and diverting healthcare resources to manage the crisis. These factors have led to a temporary decline in the demand for gastrointestinal stents. However, as healthcare systems adapt to the new normal and elective procedures resume, the market has recovered. The increased focus on endoscopic procedures and advancements in stent technology also drive future growth in the gastrointestinal stents market.

The self-expanding metal stents segment is expected to be the largest during the forecast period

The self-expanding metal stents segment is estimated to have a lucrative growth. Self-expanding metal stents (SEMS) play a pivotal role in Gastrointestinal Stents, offering a minimally invasive solution for various conditions. Composed of metal alloys, these stents automatically expand upon deployment, providing structural support to obstructed or narrowed gastrointestinal passages. SEMS effectively alleviate symptoms, such as blockages or strictures, enabling improved digestive function. Their versatility and adaptability make them a preferred choice for treating conditions like esophageal, colorectal, and biliary obstructions.

The gastrointestinal cancers segment is expected to have the highest CAGR during the forecast period

The gastrointestinal cancers segment is anticipated to witness the highest CAGR growth during the forecast period. Gastrointestinal stents play a crucial role in managing gastrointestinal cancers by alleviating symptoms and improving the quality of life for patients. Deployed through endoscopic procedures, these stents provide a minimally invasive solution, restoring proper functioning and enabling the passage of food and fluids. Gastrointestinal stents serve as palliative care, enhancing patient comfort and facilitating treatment plans.

Region with largest share:

Asia Pacific is projected to hold the largest market share during the forecast period owing to the rising gastrointestinal disorders and an aging population. Countries like China, Japan, and India are prominent contributors to the market's growth. It is home for major key players such as Boston, Medtronic and Abbott Laboratories. The demand for minimally invasive procedures and a growing prevalence of diseases such as colorectal cancer are fueling the adoption of gastrointestinal stents in the region. The market is poised for continued expansion as healthcare infrastructure improves and the need for effective gastrointestinal interventions rises.

Region with highest CAGR:

North America is projected to have the highest CAGR over the forecast period, owing to the increasing prevalence of obstructive gastrointestinal diseases, favourable reimbursement policies and aging population. North America is one of the most developed medical device industries market. Further, the booming medical tourism industry in the region owing to availability of the advanced medical treatments at a cheaper cost is anticipated to expand the patient base in the region.

Key players in the market

Some of the key players profiled in the Gastrointestinal Stents Market include Boston Scientific Corporation, Hobbs Medical Inc., General Electric Company, Cantel Medical Corporation, Olympus Corporation, Merit Medical Systems, Qualimed, Medtronic, Conmed Corporation, Terumo Corporation, Johnson & Johnson, The 3M Company, Smith & Nephew, Diagmed Healthcare, Medline Industries, Baxter, B. Braun Melsungen AG and Danaher Corporation.

Key Developments:

In November 2020, Boston Scientific Corporation (US) has received 510(k) approval from the U.S. Food and Drug Administration (FDA) and CE Mark approval to market its WallFlex Fully Covered Esophageal Stent for the treatment of malignant esophageal strictures caused by esophageal cancer.

In October 2020, Olympus Corporation (Japan) launched HANAROSTENT Esophagus TTS Self-expanding Metal Stents (SEMS) made by MI-Tech and distributed exclusively through Olympus in the US.

Products Covered:

Duodenal Stent

Biliary Stent

Pancreatic Stent

Colonic Stent

Esophageal Stent

Types Covered:

Anti-Migratory Stents

Radioactive Stents

Drug-Eluting Stents

Anti-Reflux Stents

Shape-Modified Stents

Other Types

Materials Covered:

Self-Expanding Metal Stents

Plastic Stents

Other Materials

Applications Covered:

Stomach Cancer

Irritable Bowel Syndrome

Pancreatic Cancer

Colorectal Cancer

Gastrointestinal Cancers

Esophageal Cancer

Biliary Diseases

Other Applications

End Users Covered:

Ambulatory Surgical Centers

Hospitals

Specialty Clinics

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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