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Endoscopic Closure Systems Market Forecasts to 2032 – Global Analysis By Product Type (Clips, Endoscopic Suturing Systems, Endoscopic Banding Devices and Other Product Types), Application, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Endoscopic Closure Systems Market is accounted for $611.7 million in 2025 and is expected to reach $1048.3 million by 2032 growing at a CAGR of 8% during the forecast period. Endoscopic closure systems are medical devices used to close incisions or openings in internal tissues during minimally invasive procedures. These systems typically consist of sutures, staples, or clips delivered through an endoscope to achieve closure without the need for large incisions. They are commonly used in gastrointestinal, bariatric, and surgical applications to promote healing, reduce complications, and improve patient recovery time compared to traditional open surgery methods.

According to the American Society for Gastrointestinal Endoscopy (ASGE), approximately 20 million endoscopic procedures are performed annually in the United States alone.

Market Dynamics:

Driver:

Rising incidence of gastrointestinal (GI) disorders

The growing prevalence of gastrointestinal (GI) disorders is a significant driver for the endoscopic closure systems market. As the global burden of conditions such as

colorectal cancer, inflammatory bowel disease, and peptic ulcers rises, there is an increasing need for advanced surgical interventions that are less invasive and offer faster recovery. Endoscopic closure systems play a crucial role in sealing internal wounds and preventing complications during these procedures, which enhances patient outcomes and reduces hospital stays. This trend is expected to continue, further fueling market growth as the demand for minimally invasive solutions escalates.

Restraint:

Limited skilled endoscopists

The integration of these sophisticated devices requires specialized training and expertise, which are not uniformly available across all healthcare settings, particularly in emerging economies. Additionally, the high cost and complexity of training programs can deter healthcare providers from adopting these technologies. As a result, the lack of adequately trained professionals restricts the broader adoption of endoscopic closure systems, thereby impeding market expansion and limiting patient access to these advanced treatments.

Opportunity:

Rising geriatric population globally

Older adults are more susceptible to chronic diseases, including GI disorders, which often require surgical intervention. The preference for minimally invasive procedures among elderly patients—due to reduced recovery times and lower complication risks—drives demand for endoscopic closure systems. This demographic shift, coupled with advancements in healthcare infrastructure and increased healthcare spending, is expected to significantly boost market growth in both developed and developing regions.

Threat:

Risk of procedure-related complications

Despite their benefits, endoscopic closure procedures carry inherent risks, such as infection, device migration, and post-procedural complications. These risks can undermine patient safety and lead to additional interventions, increasing healthcare costs and potentially deterring the adoption of such systems. Moreover, concerns over medical waste from disposable devices and the need for more robust, reliable closure solutions further complicate market dynamics.

Covid-19 Impact:

The Covid-19 pandemic initially disrupted the endoscopic closure systems market due to the postponement of elective surgeries and reduced hospital visits. Healthcare resources were redirected to manage the pandemic, leading to a temporary decline in endoscopic procedures. However, as restrictions eased and healthcare systems adapted, there was a resurgence in demand for minimally invasive treatments. The pandemic also accelerated the adoption of telemedicine and remote monitoring, which indirectly supported the market by facilitating patient management and follow-up care for endoscopic interventions.

The hemostasis (Management of Bleeding) segment is expected to be the largest during the forecast period

The hemostasis (Management of Bleeding) segment is expected to account for the largest market share during the forecast period. This dominance is attributed to the critical need for effective bleeding control during endoscopic procedures, particularly in cases involving peptic ulcers, variceal bleeding, and post-polypectomy interventions. Hemostasis devices, such as endoscopic hemoclips, provide immediate and reliable control of bleeding, reducing the risk of complications and the need for more invasive surgical approaches. The increasing prevalence of GI disorders and the growing number of endoscopic procedures globally further reinforce the segment’s leading position in the market.

The ambulatory surgical centers (ASCs) segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the ambulatory surgical centers (ASCs) segment is predicted to witness the highest growth rate. This rapid expansion is driven by the increasing preference for outpatient and cost-effective surgical procedures, as ASCs offer shorter hospital stays, lower infection risks, and reduced healthcare costs compared to traditional hospital settings. The adoption of minimally invasive techniques in ASCs, coupled with advancements in endoscopic closure technologies, is making these centers a preferred choice for both patients and healthcare providers.

Region with largest share:

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During the forecast period, the North America region is expected to hold the largest market share. This dominance is underpinned by several factors, including high healthcare expenditure, early adoption of advanced medical technologies, and a well-established healthcare infrastructure. The region also benefits from a large base of skilled endoscopists and a strong presence of major market players, which facilitates the rapid uptake of innovative closure systems. Additionally, favorable reimbursement policies and a high prevalence of GI disorders contribute to the region's substantial market share.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR. This remarkable growth is fueled by rising healthcare investments, increasing awareness of minimally invasive procedures, and a growing geriatric population. Furthermore, the surge in GI disorders and government initiatives to enhance healthcare access are accelerating the adoption of advanced endoscopic technologies across countries like China and India. The region's expanding healthcare infrastructure and the entry of cost-effective solutions are expected to further drive robust market growth.

Key players in the market

Some of the key players in Endoscopic Closure Systems Market include CooperSurgical Inc., Abbott Laboratories, Apollo Endosurgery Inc., Boston Scientific Corporation, Conmed Corporation, Cook Group Incorporated, Duomed Group, ENDO-FLEX GmbH, EnVision Endoscopy, Johnson & Johnson Services Inc., Medtronic plc, Meril Life Sciences Pvt. Ltd., Micro-Tech USA Incorporated, Olympus Corporation, Ovesco Endoscopy AG, Steris plc, US Endoscopy and B. Braun Melsungen AG.

Key Developments:

In April 2025, Abbott Laboratories showcased the Perclose™ ProStyle™ Suture-Mediated Closure and Repair System at HRS 2025.

In April 2025, Medtronic plc announced a distribution agreement with Dragonfly™ Endoscopy for pancreaticobiliary endoscopic closure solutions.

In April 2025, Boston Scientific Corporation introduced the MANTIS™ Clip and X-Tack™

Endoscopic HeliX Tacking System.

Product Types Covered:

- Clips
- Endoscopic Suturing Systems
- Endoscopic Banding Devices
- Other Product Types

Applications Covered:

- Hemostasis (Management of Bleeding)
- Perforation and Leak Closure
- Fistula Closure
- Tissue Approximation and Defect Closure
- Other Applications

End Users Covered:

- Hospitals
- Ambulatory Surgical Centers (ASCs)
- Specialty Clinics

Regions Covered:

- North America

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- 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 2024, 2025, 2026, 2028, and 2032
- 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

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- 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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