

# **Endotherapy Devices Market Outlook 2025-2034: Market Share, and Growth Analysis By Product (Gastrointestinal Devices and Accessories, Endoscopic Retrograde Cholangio Pancreatography Devices And Accessories, Other Endotherapy Devices), By Application (Bronchoscopy, Arthroscopy, Laparoscopy, Urology Endoscopy, Neuro-Endoscopy, Gastrointestinal Endoscopy, Other Applications), By End-Use**

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## **Abstracts**

The Endotherapy Devices Market is valued at USD 5.8 billion in 2025 and is projected to grow at a CAGR of 6.2% to reach USD 9.9 billion by 2034.

### Market Overview: Endotherapy Devices Market

The endotherapy devices market has been experiencing strong growth, driven by the increasing prevalence of gastrointestinal (GI) disorders, rising demand for minimally invasive procedures, and advancements in endoscopic technologies. Endotherapy devices are used in therapeutic endoscopy for procedures such as polyp removal, tissue resection, stent placement, and hemostasis management. With the growing global burden of chronic diseases, particularly colorectal cancer and gastroesophageal reflux disease (GERD), the adoption of advanced endoscopic treatment methods is accelerating. The shift toward less invasive techniques is further supported by improvements in imaging technologies, such as high-definition and AI-assisted endoscopy, which enhance diagnostic accuracy and treatment precision. Additionally, an aging population with higher susceptibility to GI disorders is contributing to market

expansion. Major players in the industry are focusing on developing innovative endotherapy solutions, such as single-use endoscopic devices, robotic-assisted endoscopic procedures, and biodegradable stents, to enhance patient outcomes and procedural efficiency. The endotherapy devices market witnessed a surge in demand, primarily driven by the integration of artificial intelligence in endoscopic procedures. AI-assisted polyp detection and image analysis significantly improved early diagnosis of gastrointestinal cancers, leading to higher adoption of endoscopic interventions. Furthermore, advancements in flexible endoscopes and robotic-assisted technologies expanded the capabilities of minimally invasive treatments, reducing procedure times and improving patient recovery rates. Regulatory approvals for novel endotherapy devices, including next-generation hemostatic clips and endoscopic suturing systems, further strengthened the market. Additionally, an increasing number of outpatient endoscopic procedures fueled the demand for disposable and single-use endotherapy devices, mitigating the risk of cross-contamination and hospital-acquired infections. The expanding role of tele-endoscopy also gained momentum, enabling remote consultations and enhancing access to expert diagnosis, particularly in rural and underserved regions. With continuous improvements in therapeutic endoscopy, healthcare providers increasingly prioritized precision treatment, boosting overall market growth. The endotherapy devices market is expected to witness major technological breakthroughs, particularly in AI-driven endoscopic navigation and robotic-assisted interventions. The continued development of smart endoscopic systems with real-time tissue characterization and enhanced imaging will redefine precision diagnostics and treatment approaches. Additionally, the demand for biodegradable stents and drug-eluting endoscopic devices is projected to rise, offering long-term therapeutic solutions with minimal complications. The increasing adoption of outpatient and ambulatory surgical center-based endoscopic treatments will drive the need for cost-effective and efficient endotherapy devices. Regulatory agencies are expected to introduce stricter guidelines for endoscopic device sterilization and reprocessing, further accelerating the transition toward disposable devices. Moreover, the growing focus on personalized medicine will spur innovations in patient-specific endoscopic treatment solutions, optimizing therapeutic outcomes. With continued investments in research and development, the future of the endotherapy devices market will be shaped by enhanced automation, improved procedural safety, and broader accessibility of advanced endoscopic solutions.

## Key Insights Endotherapy Devices Market

**AI-Powered Endoscopic Imaging:** Artificial intelligence is transforming endoscopy by enhancing image analysis, enabling real-time polyp detection,

and improving diagnostic accuracy. AI-assisted systems reduce missed diagnoses, improve workflow efficiency, and support gastroenterologists in early detection and risk assessment of gastrointestinal disorders.

**Rise in Single-Use and Disposable Endotherapy Devices:** The increasing focus on infection control and cost-effective procedures is driving the demand for disposable endotherapy devices. Single-use biopsy forceps, hemostatic clips, and endoscopic scissors are gaining traction as they minimize the risk of cross-contamination and improve patient safety.

**Advancements in Robotic-Assisted Endoscopic Procedures:** The integration of robotics in endoscopy is enhancing precision and maneuverability during complex procedures. Robotic-assisted endotherapy devices enable minimally invasive interventions with greater accuracy, reducing patient trauma and improving clinical outcomes.

**Tele-Endoscopy and Remote Diagnostic Capabilities:** The adoption of telemedicine in endoscopic procedures is expanding access to expert diagnosis and treatment planning. Remote-controlled endoscopy and cloud-based imaging platforms enable specialists to provide real-time consultations, benefiting patients in remote and underserved areas.

**Development of Drug-Eluting and Biodegradable Stents:** Innovations in stent technology, including drug-eluting and biodegradable stents, are enhancing long-term therapeutic outcomes. These advanced stents provide targeted drug delivery, reduce restenosis risk, and eliminate the need for surgical removal, improving patient comfort and treatment effectiveness.

**Increasing Prevalence of Gastrointestinal Disorders:** The rising incidence of GI disorders, including colorectal cancer, GERD, and inflammatory bowel disease, is driving the demand for advanced endotherapy devices. Early detection and minimally invasive treatment options are becoming critical in managing these conditions effectively.

**Growing Demand for Minimally Invasive Endoscopic Procedures:** Patients and healthcare providers are increasingly favoring minimally invasive endoscopic interventions over traditional surgical methods. Endotherapy devices enable faster recovery, reduced hospital stays, and lower healthcare costs, contributing to their widespread adoption.

**Technological Advancements in Endoscopic Devices:** Continuous innovation in endoscopic imaging, AI-assisted diagnostics, and therapeutic devices is enhancing procedural efficiency. High-definition imaging, improved flexibility, and robotic-assisted technologies are driving the adoption of next-generation endotherapy solutions.

**Expansion of Outpatient and Ambulatory Endoscopic Procedures:** The shift toward outpatient care and ambulatory surgery centers is fueling demand for cost-effective, portable, and disposable endotherapy devices. These facilities prioritize efficiency, enabling quicker procedures with reduced hospitalization requirements.

**Regulatory Compliance and Sterilization Challenges:** Stringent regulations surrounding the sterilization and reprocessing of reusable endotherapy devices pose challenges for healthcare providers. Compliance with evolving safety standards increases operational costs, leading to a growing preference for single-use devices, though affordability remains a concern for many healthcare institutions.

## Endotherapy Devices Market Segmentation

### By Product

Gastrointestinal Devices and Accessories

Endoscopic Retrograde Cholangio Pancreatography Devices And Accessories

Other Endotherapy Devices

### By Application

Bronchoscopy

Arthroscopy

Laparoscopy

Urology Endoscopy

Neuro-Endoscopy

Gastrointestinal Endoscopy

Other Applications

#### By End-Use

Hospital

Ambulatory Surgical Centers

Other End-Users

#### Key Companies Analysed

Olympus Corporation

Boston Scientific Corporation

Conmed Corporation

Medtronic Plc

Fujifilm Holdings Corporation

Johnson & JohnsonCook Group Incorporated

Karl Storz SE & Co. KG

Stryker Corporation

Siemens Healthcare

Taewoong Medical Co. Ltd

Smith & Nephew Plc.

Steris Corporation

Cosmed Corporation

Micro-Tech (Nanjing) Co Ltd.

HOYA Corporation

Cook Group Incorporated

B. Braun Melsungen AG

Frontier Healthcare

Advanced Sterilization Products Services Inc.

Pentax Medical

Nipro Corporation

MEDIVATORS B.V.

The Cooper Companies Inc.

US Endoscopy Group Inc.

Richard Wolf GmbH

Cantel Medical Corp.

Fujinon Corporation

Gyrus ACMI

Cogentix Medical Inc.

## Endogastric Solutions Inc.

### Endotherapy Devices Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Endotherapy Devices Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

### Countries Covered

North America — Endotherapy Devices market data and outlook to 2034

United States

Canada

Mexico

## Europe — Endotherapy Devices market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

## Asia-Pacific — Endotherapy Devices market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

## Middle East and Africa — Endotherapy Devices market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Endotherapy Devices market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Endotherapy Devices value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Endotherapy Devices industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Endotherapy Devices Market Report

Global Endotherapy Devices market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Endotherapy Devices trade, costs, and supply chains

Endotherapy Devices market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Endotherapy Devices market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Endotherapy Devices market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Endotherapy Devices supply chain analysis

Endotherapy Devices trade analysis, Endotherapy Devices market price analysis, and Endotherapy Devices supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Endotherapy Devices market news and developments

### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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