

Endovascular Stent Grafts Market Analysis Highlights Growth To \$7.13 Billion By 2030 At 37.5% CAGR

*The Business Research Company's
Endovascular Stent Grafts Market Report
2026 – Market Size, Trends, And Global
Forecast 2026-2035*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 6, 2026
/EINPresswire.com/ -- "The

[endovascular stent grafts market](#) is

experiencing remarkable growth, reflecting significant advancements in medical technology and increasing demand for less invasive treatment options. This market is rapidly evolving due to rising cases of vascular diseases and continuous improvements in stent graft designs. Let's explore the current market size, key growth factors, regional insights, and the major trends shaping the future outlook of this sector.

Steady Expansion of the [Endovascular Stent Grafts Market Size](#)

The market for endovascular stent grafts has seen rapid growth in recent years, with its size projected to increase from \$1.45 billion in 2025 to \$1.99 billion in 2026. This represents an impressive compound annual growth rate (CAGR) of 37.9%. Historically, the market growth was partly restrained by reliance on traditional open surgeries and limited availability of advanced stent graft materials. However, the rising prevalence of vascular diseases, early adoption of coronary and peripheral grafts, and greater awareness of aortic aneurysm treatment options have all contributed to the market's expansion.

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Future Outlook and Growth Projections for Endovascular Stent Grafts

Looking ahead, the endovascular stent grafts market is expected to grow exponentially, reaching a value of \$7.13 billion by 2030, with a slightly lower yet sustained CAGR of 37.5%. This anticipated growth is driven by ongoing innovations in stent graft technology, the increasing number of minimally invasive surgeries performed worldwide, and the rising incidence of aortic

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aneurysm and dissection cases. Furthermore, broader adoption of hybrid vascular grafts and the expansion of cardiovascular healthcare infrastructure continue to fuel market momentum. Key trends that are shaping the forecast period include customized stent grafts, advancements in biologic and hybrid graft materials, a surge in thoracic and abdominal aortic repair procedures, and heightened emphasis on patient safety and regulatory standards.

Understanding Endovascular Stent Grafts and Their Medical Use

Endovascular stent grafts are specialized medical devices designed to treat vascular conditions such as aneurysms and vessel stenosis. These devices consist of a metallic mesh stent covered with a fabric graft, which is inserted into the affected blood vessel via a catheter, commonly through the groin or arm arteries. They provide a less invasive alternative to conventional surgery by reinforcing weakened areas of blood vessels and preventing rupture or further damage. This approach offers significant benefits, including reduced recovery times and lower procedural risks.

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Cardiovascular Disease as a Major [Growth Driver for Endovascular Stent Grafts](#)

A primary factor propelling the growth of the endovascular stent grafts market is the increasing prevalence of cardiovascular diseases (CVD). These conditions, involving the heart and blood vessels, arise from various causes such as lifestyle habits, genetic factors, and environmental influences. Endovascular stent grafts have become essential in treating many cardiovascular issues by strengthening compromised vessel walls and minimizing the risk of rupture. This minimally invasive treatment option enhances patient outcomes and reduces complications associated with traditional surgeries.

Rising Incidence of Cardiovascular Events Highlighting Market Need

For example, in October 2025, the Australian Institute of Health and Welfare reported that approximately 57,100 adults aged 25 and older experienced acute coronary events in 2023, averaging about 156 cases daily. This high incidence underscores the growing need for effective treatment options like endovascular stent grafts, which can address these life-threatening conditions by providing durable vascular support and repair.

North America's Leading Position in the Endovascular Stent Grafts Market

In terms of regional market share, North America led the endovascular stent grafts market in 2025. The comprehensive market analysis includes other key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, offering a global perspective on market dynamics and growth opportunities.

Our 2026 market reports now include enhanced strategic insights through:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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