

Stent Graft Balloon Catheter Market Forecast Report Featuring Segment Analysis And Strategic Industry Insight

The Business Research Company's Stent Graft Balloon Catheter Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

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/EINPresswire.com/ -- The [stent graft balloon catheter market](#) has witnessed

significant momentum recently, driven by advances in medical technology and growing healthcare needs. As the global population ages and cardiovascular conditions become more prevalent, demand for innovative and minimally invasive treatment options is rising. Let's explore the current market size, key drivers, major players, and regional trends shaping the future of this vital medical device market.

Strong Growth Trajectory of the Stent Graft Balloon Catheter Market

The market for stent graft balloon catheters has demonstrated robust growth over recent years. It is projected to expand from a valuation of \$2.77 billion in 2025 to \$3.05 billion in 2026, representing a compound annual growth rate (CAGR) of 9.8%. This growth reflects factors such as the increasing incidence of cardiovascular and vascular diseases, an expanding elderly population vulnerable to aneurysms and arterial conditions, wider adoption of minimally invasive surgical procedures, and technological progress in catheter-based vascular treatments.

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Looking ahead, the market is expected to accelerate further, reaching \$4.47 billion by 2030 at a CAGR of 10.0%. This optimistic forecast is linked to rising demand for advanced endovascular repair techniques, heightened investment in next-generation vascular intervention technologies, integration of imaging and navigation tools in catheter procedures, expansion of outpatient vascular care centers, and the development of more flexible, high-performance balloon catheter materials. Key trends include growth in minimally invasive procedures, increased use of low-

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profile balloon catheter systems, preference for high-pressure stent graft balloon catheters in complicated vascular cases, broader applications of drug-coated balloon catheters, and greater deployment of precision-guided vascular intervention devices.

Understanding the Role of the Stent Graft Balloon Catheter

A stent graft balloon catheter is a specialized tool designed to deliver and accurately deploy a stent graft within blood vessels. It features a catheter with an inflatable balloon that aids in expanding and positioning the stent graft at the target site. This device is predominantly used during minimally invasive endovascular procedures to strengthen weakened or diseased vessels, treating conditions such as aneurysms or vascular blockages effectively.

View the full stent graft balloon catheter market report:

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Key Drivers Boosting Expansion in the Stent Graft Balloon Catheter Market

One of the primary factors propelling market growth is the rising prevalence of cardiovascular diseases. These diseases encompass a range of conditions affecting the heart and blood vessels, including coronary artery disease, peripheral artery disease, and aortic aneurysms, which hinder or block normal blood flow. Increasing cardiovascular disease rates are largely attributed to unhealthy diets that negatively impact heart function over time. Stent graft balloon catheters play a crucial role by enabling precise placement and expansion of stent grafts to restore proper blood flow and reinforce vessel walls. For instance, in March 2025, data from the Joint Strategic Needs Assessment in the UK showed cardiovascular disease deaths rose from 178 in 2022 to 185 in 2023, highlighting the ongoing healthcare challenge driving device demand.

An Aging Global Population Supporting Market Demand

The expanding geriatric population is another significant growth catalyst for the stent graft balloon catheter market. Individuals aged 65 and older often face age-associated vascular issues such as aneurysms and arterial blockages. Rising life expectancy due to medical advances has led to a larger elderly demographic requiring specialized vascular interventions. The stent graft balloon catheter aids this population by facilitating the safe and accurate deployment of stent grafts to manage these age-related conditions effectively. According to the World Health Organization in February 2025, the population aged 60 and above is rapidly increasing worldwide, with older adults expected to outnumber younger cohorts in many regions by 2030. This demographic shift is a key contributor to increased market demand.

The Impact of Growing Healthcare Spending on Market Growth

Rising healthcare expenditure, especially related to aging populations, is further accelerating market expansion. Healthcare spending includes funds allocated to treatments, diagnostics, medications, and preventive care. Older adults generally require more frequent medical attention and long-term management of chronic diseases, pushing overall healthcare costs higher. Increased spending enables healthcare providers to invest in advanced technologies and

minimally invasive procedures like those involving stent graft balloon catheters. For example, in January 2026, the Centers for Medicare & Medicaid Services reported that national health expenditure in the US rose by 7.2% to \$5.3 trillion in 2024, equating to an average of \$15,474 per person and accounting for 18.0% of GDP. This trend supports greater adoption of innovative vascular treatment devices.

Regions Leading and Growing in the Stent Graft Balloon Catheter Market

In 2025, North America held the largest share of the stent graft balloon catheter market, benefiting from advanced healthcare infrastructure and high adoption of cutting-edge medical technologies. Meanwhile, the Asia-Pacific region is forecasted to experience the fastest growth during the coming years, driven by rising healthcare investments, expanding populations, and increasing awareness of minimally invasive treatments. The market analysis includes regions such as Asia-Pacific, Southeast Asia, Western Europe, Eastern Europe, North America, South America, and the Middle East and Africa, providing a comprehensive global perspective on market dynamics.

What's included in our 2026 market reports:

- 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

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

[The Business Research Company](https://www.thebusinessresearchcompany.com) - www.thebusinessresearchcompany.com

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- LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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