Coronary Stents Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2024-11-22 | 130 pages | Global Market Insights

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Report description:

The Global Coronary Stents Market was valued at USD 7.5 billion in 2024 and is projected to grow at a CAGR of 7.2% from 2025 to 2034. This growth is driven by factors such as the increasing prevalence of cardiovascular diseases, advancements in stent technologies, and a growing preference for minimally invasive treatments. In addition, the aging population and rising health concerns contribute significantly to market expansion.

Coronary stents are vital devices used to maintain blood flow by keeping narrowed or blocked arteries open, playing a crucial role in managing coronary artery disease (CAD). The growing demand for these devices stems from unhealthy lifestyles, aging populations, and the rising incidence of cardiovascular conditions. Innovative developments like bioresorbable scaffolds, drug-eluting stents (DES), and polymer-free stents are enhancing treatment outcomes by reducing risks associated with artery re-narrowing and blood clots.

The market is segmented by product into bioresorbable vascular scaffolds (BVS), drug-eluting stents, and bare-metal stents. Drug-eluting stents dominated the market in 2024, generating significant revenue due to their superior ability to prevent restenosis. These stents release medication to inhibit tissue growth, reducing the need for repeat procedures and improving long-term patient outcomes.

In terms of type, the market includes balloon-expandable and self-expandable stents. Balloon-expandable stents captured the largest market share in 2024, accounting for 58.3%. Their precision and control during deployment make them highly effective for treating complex or narrow artery cases. These stents are particularly beneficial for addressing calcified lesions and hardened plaque, further enhancing their adoption.

By material, the market is segmented into cobalt-chromium alloy, stainless steel, and others. Stents made of cobalt-chromium alloy held the leading position in 2024 and are expected to reach USD 7.6 billion by the end of the forecast period. This material offers exceptional strength and durability, allowing for thinner, more effective designs that reduce artery injuries and improve blood flow.

End-use segmentation highlights cardiac centers, hospitals, and ambulatory surgical centers, with cardiac centers leading the market in 2024. These facilities offer advanced technologies and specialized expertise, ensuring high-quality care for complex cardiac procedures.

North America led the market in 2024, with revenues of USD 3 billion. A robust healthcare system, widespread access to advanced cardiac care, and high rates of cardiovascular disease support the region's strong market position.

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