

Laser Atherectomy Devices Market Insights Highlight Segment Expansion And Market Leadership

The Business Research Company's Laser Atherectomy Devices Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

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/EINPresswire.com/ -- "The [laser atherectomy devices market](#) is

experiencing significant momentum as advancements in medical technology and rising health concerns drive demand. This sector is evolving rapidly, with increasing adoption of minimally invasive techniques and growing awareness about cardiovascular health contributing to its expansion. Let's explore the current market size, growth factors, leading regions, and the key drivers shaping this market's future.

Current Market Size and Growth Forecast for Laser Atherectomy Devices

The laser atherectomy devices market has shown strong growth in recent years. It is projected to increase from \$1.3 billion in 2025 to \$1.41 billion in 2026, at a compound annual growth rate (CAGR) of 8.7%. This growth in the past period has been driven by several factors, including the rising prevalence of peripheral artery disease, an increase in cardiovascular conditions, broader use of catheter-based procedures, availability of cutting-edge laser technology, and the expansion of interventional cardiology centers globally.

Download a free sample of the laser atherectomy devices market report:

https://www.thebusinessresearchcompany.com/sample.aspx?id=10600&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Looking ahead, the market is expected to continue its robust expansion, reaching \$1.98 billion by 2030 with a CAGR of 9.0%. This future growth is fueled by growing demand for minimally invasive vascular therapies, a greater adoption of image-guided interventions, rise in outpatient cardiovascular procedures, ongoing technological improvements in laser systems, and an intensified focus on reducing restenosis rates after treatment. Key trends during the forecast period include wider use of laser-based plaque removal techniques, more integration of

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computer-controlled atherectomy systems, expansion into peripheral and neurovascular applications, and heightened emphasis on precision and patient safety during procedures.

Understanding Laser Atherectomy Devices and Their Function

Laser atherectomy devices are specialized medical tools that utilize laser energy to clear blockages in blood vessels. Primarily, they are employed to treat conditions such as peripheral artery disease (PAD) or atherosclerosis, both caused by the buildup of plaque inside arteries. The device works by emitting a high-energy laser beam that vaporizes the obstructive plaque, effectively removing it and restoring proper blood flow through the vessel.

View the full laser atherectomy devices market report:

https://www.thebusinessresearchcompany.com/report/laser-atherectomy-devices-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Key Factors Driving Growth in the Laser Atherectomy Devices Market

A significant driver of the [laser atherectomy devices industry](#) is the rising incidence of cardiovascular diseases worldwide. Cardiovascular disease (CVD) encompasses a range of heart and blood vessel disorders that frequently impact the circulatory system. As the number of patients suffering from arterial blockages and atherosclerotic plaque increases, so does the demand for treatments like laser atherectomy. For example, in January 2024, the American Heart Association reported that the age-adjusted death rate from cardiovascular disease in the United States rose to 233.3 per 100,000 people, marking a 4.0% increase from 224.4 per 100,000 in 2023. This uptick in cardiovascular disease prevalence directly supports the expanding need for laser atherectomy devices.

Market Leadership by Region in Laser Atherectomy Devices

In 2025, North America held the largest share of the [global laser atherectomy devices market](#). However, the Asia-Pacific region is anticipated to experience the most rapid growth over the coming years. The market report includes thorough coverage of key geographical areas such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive perspective on regional market dynamics.

Key enhancements in our 2026 market reports include:

- 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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