

Peripheral Vascular Devices Market Market Insights, Competitive Landscape and Market Forecast–2026

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Abstracts

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PERIPHERAL VASCULAR DEVICES MARKET BY PRODUCT TYPE (PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY BALLOON CATHETERS [NORMAL, DRUG-ELUTING, CUTTING, AND SCORING], ANGIOPLASTY STENTS [DRUG-ELUTING, BARE-METAL, AND EXPANDABLE], PLAQUE MODIFICATION DEVICES [ARTHRECTOMY DEVICES AND THROMBECTOMY DEVICES], HEMODYNAMIC FLOW ALTERATION DEVICES [EMBOLIC PROTECTION DEVICES AND CHRONIC TOTAL OCCLUSION DEVICES], INFERIOR VENACAVA FILTERS [RETRIEAVABLE AND PERMANENT], AND OTHERS) AND BY END USER (HOSPITALS, AMBULATORY SURGICAL CENTERS, AND OTHERS), BY GEOGRAPHY IS EXPECTED TO GROW AT A STEADY CAGR FORECAST TILL 2026 OWING TO RISING TECHNOLOGICAL ADVANCEMENT AND INCREASING PREVALENCE OF CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES

Global Peripheral Vascular Devices Market was valued at USD 8.96 billion in 2020, growing at a CAGR of 7.85% during the forecast period from 2021 to 2026, to reach USD 13.42 billion by 2026. The demand for peripheral vascular devices is primarily being boosted by the rapid growth in the prevalence of cardiovascular diseases and peripheral vascular diseases, the approval of new and advanced products, and the rising incidence of lifestyle disorders such as diabetes and hypertension. Furthermore, the increase in the geriatric population is also likely to contribute to the peripheral vascular devices market growth.

PERIPHERAL VASCULAR DEVICES MARKET DYNAMICS:

According to the World Health Organization data, cardiovascular diseases (CVDs) are the leading cause of death across the globe, wherein these diseases affect an estimated number of 17.9 million lives each year. CVDs are referred to as a group of disorders that specifically affect the heart and blood vessels. Some of these include coronary heart disease, rheumatic heart disease, cerebrovascular disease, and other indications. Furthermore, the same source by the WHO presented that over four out of five CVD deaths mention strokes and heart attacks as the main cause, and about one-third of people below 70 years of age fall victim to these CVD-related deaths. It has been observed that low- and middle-income countries account for more than three-quarters of CVD deaths.

According to the data provided by the European Society for Cardiology (ESC) (2021), each year cardiovascular disease (CVD) causes 3.9 million deaths in Europe and over 1.8 million deaths in the European Union. They represent about 45% of all deaths in Europe and 37% in the EU.

As per the data provided by the World Health Organization on hypertension, about 1.13 billion people across the globe suffer from hypertension. It is a serious medical condition and can increase the risk of heart, brain, kidney and other diseases. It is a major cause of premature death worldwide. It has been studied and established that hypertension is a major risk factor for vascular disorders including peripheral artery disease. Therefore, the peripheral vascular devices market is expected to register high growth in the forecast period due to the rising prevalence of cardiovascular diseases along with lifestyle disorders.

However, the number of product failures and recalls may restrain the growth of this peripheral vascular devices market during the forecast period.

PERIPHERAL VASUCLAR DEVICES MARKET SEGMENT ANALYSIS:

Peripheral Vascular Devices by Product Type (PTA Balloon Catheters [Normal, Drug-Eluting, Cutting, And Scoring], Angioplasty Stents [Drug-Eluting, Bare-Metal, And Expandable], Plaque Modification Devices [Arthroectomy Devices And Thrombectomy Devices], Hemodynamic Flow Alteration Devices [Embolic Protection Devices And Chronic Total Occlusion Devices], Inferior Venacava Filters [Retrievable And Permanent], And Others), Peripheral Vascular Devices by End User (Hospitals, Ambulatory Surgical Centers, And Others), and Peripheral Vascular Devices by Geography (North America, Europe, Asia-Pacific, and Rest of the World).

In the product segment of the peripheral vascular devices market, the peripheral transluminal angioplasty balloon catheters category is expected to account for the largest market share during the forecast period. This can be attributed to factors such as the growing popularity of minimally invasive procedures among healthcare providers as well as patients. This procedure has gained traction over conventional surgeries due to lesser recovery time coupled with improved prognosis for patients. The major reasons for the popularity of this procedure can be attributed to the effective reduction in the narrowing in the artery, resulting in improved blood flow; it is considered as one of the safest approaches with minimal procedural complications, and faster recovery periods. Furthermore, this procedure is majorly conducted under local anesthesia. Further in the PTA Catheters segment, the drug-eluting PTA Balloon catheters are expected to register the fastest growth in the forecast period. This can be attributed to the advantages offered by drug-coated balloons. These balloons are devised in such way that they hold the potential to inhibit cell division which in turn helps in limiting the amount of restenosis, or blockage re-growth after treatment.

The shift from conventional surgeries to angioplasty has led to an exponential increase in the demand for catheters, including PTA variants. These procedures have higher adoption rates and have become a preferred treatment choice for both the patients and surgeons due to the use of advanced technologies and the availability of innovative coated PTA Balloon Catheter in the market.

NORTH AMERICA IS EXPECTED TO DOMINATE THE OVERALL PERIPHERAL VASCULAR DEVICES MARKET:

Among all the regions, North America is expected to amass the largest share in the peripheral vascular devices market. The growing prevalence of cardiovascular diseases, access to better healthcare infrastructure coupled with the presence of major market players in the region are predicted to be the major influencing factors in driving the overall growth of the market over the forecast period.

According to the Centers for Disease Control and Prevention (CDC) data, It has been estimated that approximately 900,000 people could be affected (1 to 2 per 1,000) each year in the United States.

As per the data provided by the American Heart Association in their report “Heart Disease and Stroke Statistics—2020”, near about 6.5 million people in the age group of 40 and older in the United States suffer from peripheral artery disease (PAD). This indication further increases the risk of for developing coronary artery disease and

cerebrovascular disease.

As per the National Diabetes Statistics Report for 2020 published by the CDC, there are about 34.2 million cases in the United States. In addition to that, an estimated 26.8 million people - or 10.2% of the population - had diagnosed diabetes in 2018.

It has been established that diabetes mellitus (DM) is a major risk factor of PAD, which leads to increased mortality and as well as hastens the disease progression course. As such, a more thorough understanding of the multi-factorial mechanisms underlying disease etiology for both DM and PAD is justified. These factors point toward the rising number of cases associated with peripheral vascular diseases and contributing indications.

Furthermore, in October 2020, Boston Scientific Corporation received FDA clearance for Ranger™ Paclitaxel-Coated PTA Balloon Catheter which is a drug-coated balloon. It is deployed in the re-opening of the blocked or narrowed arteries in the thigh and knee due to peripheral artery disease (PAD).

Considering the presence of large patient pool in the US coupled with new product launches, the market for peripheral vascular devices looks promising in the United States, and subsequently in North America.

PERIPHERAL VASCULAR DEVICES MARKET KEY PLAYERS:

Some of the key market players operating in the peripheral vascular devices market includes Medtronic, Boston Scientific Corporation, B. Braun Melsungen AG, Braile Biomedica, JO TEC GmbH, Edwards Life Sciences Corporation, LeMaitre Vascular, Inc., W. L. Gore & Associates, Inc, Abbott, Cardiovascular Systems, Inc., AngioDynamics Inc, Control Medical Technology, LLC, Walk Vascular, LLC, Transit Scientific, Conic Vascular and others.

RECENT DEVELOPMENTAL ACTIVITIES IN PERIPHERAL VASCULAR DEVICES MARKET:

In June 2021, AngioDynamics Inc received the 510k clearance from the US Food and Drug Administration for their AlphaVac Mechanical Thrombectomy System. The device is an off-circuit, multi-purpose mechanical aspiration thrombectomy system which is deployed in the non-surgical removal of emboli or thrombi from the vasculature.

In May 2021, Transit Scientific received the CE Mark clearance in the European Union for the XO Score® Scoring Sheath Platform. This device facilitates in the dilation of stenotic material in the peripheral vasculature including infrapopliteal, popliteal, and native or synthetic arteriovenous dialysis fistulae.

In January 2021, Cardiovascular Systems, Inc. received the CE Mark for Diamondback 360® Coronary Orbital Atherectomy System. It combines differential sanding and pulsatile forces with the aim to treat all calcium modalities, including eccentric (irregular), nodular, and concentric (ring-shaped).

KEY TAKES AWAY FROM THE PERIPHERAL VASCULAR DEVICES MARKET REPORT STUDY

? Market size analysis for current market size (2020), and market forecast for 5 years (2021-2026)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the peripheral vascular devices market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the Global Peripheral Vascular Devices Market.

? Various opportunities available for the other competitor in the Peripheral Vascular Devices Market space.

? What are the top performing segments in 2020? How these segments will perform in 2026.

? Which is the top-performing regions and countries in the current peripheral vascular devices market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for peripheral vascular devices market growth in the coming future?

TARGET AUDIENCE WHO CAN BE BENEFITED FROM THIS PERIPHERAL VASCULAR DEVICES MARKET REPORT STUDY

- ? Peripheral Vascular Devices products providers
- ? Research organizations and consulting companies
- ? Peripheral Vascular Devices-related organization, association, forum, and other alliances
- ? Government and corporate offices
- ? Start-up companies, venture capitalists, and private equity firms
- ? Distributors and Traders dealing in peripheral vascular devices
- ? Various End-users who want to know more about the Peripheral Vascular Devices market and latest technological developments in the Peripheral Vascular Devices market

FREQUENTLY ASKED QUESTIONS FOR PERIPHERAL VASCULAR DEVICES MARKET:

What is a Peripheral Vascular Device?

A peripheral vascular device is a medical device which helps in the treatment of blockages and narrowing of the arteries specifically in the peripheral vasculature.

What is the market for Global Peripheral Vascular Devices?

Global Peripheral Vascular Devices Market was valued at USD 8.96 billion in 2020, growing at a CAGR of 7.85% during the forecast period from 2021 to 2026, to reach USD 13.42 billion by 2026.

What are the drivers for Global Peripheral Vascular Devices Market?

The major drivers of the peripheral vascular devices market are the increasing prevalence of cardiovascular diseases as well as peripheral vascular diseases, the growing elderly population, and technological innovation in product development.

What are the key players operating in Global Peripheral Vascular Devices Market?

Some of the prominent market players operating in the peripheral vascular devices market includes Medtronic, Boston Scientific Corporation, B. Braun Melsungen AG, Braile Biomedica, JOTEC GmbH, Edwards Life Sciences Corporation, LeMaitre Vascular, Inc., W. L. Gore & Associates, Inc, Abbott, Cardiovascular Systems, Inc., AngioDynamics Inc, Control Medical Technology, LLC, Walk Vascular, LLC, Transit Scientific, Conic Vascular and others.

What region has the highest share in Peripheral Vascular Devices market?

North America is expected to account for the largest revenue share in the overall peripheral vascular devices market during the forecast period, 2021 to 2026. This high growth in the market can be attributed to the increasing prevalence of cardiovascular diseases, conducive healthcare system and policies in the region, especially in the US.

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