

Vascular Access Device Market Insights, Competitive Landscape and Market Forecast–2026

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Abstracts

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VASCULAR ACCESS DEVICES MARKET BY DEVICE TYPE (CENTRAL VASCULAR ACCESS DEVICES-PERIPHERALLY INSERTED CENTRAL CATHETERS, NON-TUNNELED CATHETERS, OTHERS, AND PERIPHERAL VASCULAR ACCESS DEVICES- PERIPHERAL CATHETER, MIDLINE CATHETER (SHORT) DEVICES, OTHERS), BY ROUTE OF INSERTION (INTRAVENOUS, SUBCUTANEOUS), 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 DEMAND OF DEVICES AND INCREASING PREVALENCE OF CHRONIC DISEASES

Global Vascular Access Devices Market was valued at USD 4.31 billion in 2020, growing at a CAGR of 6.64% during the forecast period from 2021 to 2026, to reach USD 6.13 billion by 2026. The demand for Vascular Access Devices is primarily motivated by the growing prevalence of chronic diseases like cancer, kidney failure, and heart diseases that requires the use of these devices. Some other factors like the rise in the number of chemotherapies, lifestyle diseases, and their rising occurrence in pediatric patients may drive the growth of the market.

VASCULAR ACCESS DEVICES MARKET DYNAMICS:

Vascular access devices are types of equipment that are inserted inside the body through a vein to enable the administration of fluids, blood products, medication, and other therapies to the bloodstream. These devices allow repeated and long-term access to the bloodstream for frequent or regular administration of drugs, like intravenous (IV)

antibiotics. The vascular access tubes are made of silicone, latex, and other substances.

These devices are used due to the high prevalence of end-stage renal disease (ESRD), leading to chronic kidney disease (CKD). According to the Centers for Disease Control and Prevention (CDC), as per the 2015–2018 National Health and Nutrition Examination Survey and the CKD Epidemiology Collaboration, more than 1 in 7, that is 15% of US adults or 37 million people, are estimated to have CKD. As per the National Kidney Foundation Inc., approximately 1 in 3 adults with diabetes and 1 in 5 adults with high blood pressure may have kidney disease. For patients undergoing dialysis treatment, this eventually leads to more and more usage of vascular access devices among patients.

The vascular access catheter devices are also significantly used in the case of chemotherapy procedures. With the less-expensive catheter devices that tend to have lower rates of failure, vascular access procedures are increasingly being used for intravenous treatment, intravenous nutritional support, and diagnostic purposes. Hence this will draw the attention of numerous medical devices companies to invest and launch new products, thus, acting as one of the major drivers for this market. Thus, all these factors are projected to drive the growth of the Global Vascular Access Devices market.

VASCULAR ACCESS DEVICES MARKET SEGMENT ANALYSIS:

Vascular Access Devices by Device Type (Central Vascular Access Devices- Peripherally Inserted Central Catheters, Non-Tunneled Catheters, Others, and Peripheral Vascular Access Devices- Peripheral Catheter, Midline Catheter (short Devices, Others), Vascular Access Devices market by Route of Insertion (Intravenous, Subcutaneous), Vascular Access Devices market by End User (Hospitals, Ambulatory Surgical Centres, and Others), and Vascular Access Devices market by Geography (North America, Europe, Asia-Pacific, and Rest of the World).

Vascular Access Devices market devices segment, the central vascular access devices are expected to hold the largest share in the market as these devices are used in chemotherapy and for the treatment of cardiovascular disorders and chronic kidney disorders. There are various types of cardiac monitors available in the Vascular Access Devices market, such as peripherally inserted central catheters, non-tunneled catheters, others. Peripherally inserted central catheters are gaining acceptance as they can be easily inserted via the basilic, brachial, or cephalic veins.

The vascular access market is driven by the factors, such as the rising cases of hemodialysis patients, growing sedentary lifestyles, technological developments in these devices that minimize the chances of infection, and improved efficiency of devices.

Additionally, assistance from the government by launching initiatives that grows awareness about kidney failures, diabetes, and cancer are expected to be the main drivers of the Global Vascular Access Devices market. Hence, all the above-mentioned factors are expected to drive the segment growth.

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

North America is expected to dominate the overall Vascular Access Devices market during the forecast period. This domination is due to the growing demand for advanced technologies in vascular access devices, the rising need to treat chronic kidney disease in the region is driving the regional growth.

Further, in the United States, the risk of being affected by a chronic disease is increasing dramatically due to the rising geriatric population. This situation is giving rise to a critical need for vascular access devices for the diagnosis, prevention, and treatment of chronic disease.

Europe and Asia-Pacific region have the future potential growth for the Global Vascular Access Devices. This is due to the rising burden of chronic diseases in the European region countries and Asian countries also. In all countries, chronic illness rates have been increasing.

VASCULAR ACCESS DEVICES MARKET KEY PLAYERS:

Some of the key market players operating in the Vascular Access Devices market include Cook Medical Inc., Becton, Dickinson, and Company, Teleflex Incorporated, Medtronic PLC, Zoll Medical Corporation, B Braun Melsungen AG, Prodimed, Amecath Medical Technologies, Terumo Medical Corporation, AngioDynamics, Edwards Lifesciences Corporation, C. R. Bard, Inc., Smiths Group PLC, Nipro Medical Corporation, and others.

RECENT DEVELOPMENTAL ACTIVITIES IN THE VASCULAR ACCESS DEVICES MARKET:

? In August 2021, PuraCath Medical™, a venture-backed startup company focusing on the development of technologies to reduce infections in patients with intravascular catheters, announced that it has received 510(k) clearance for its FireFly™ Needleless Connector from the US Food and Drug Administration (FDA). The Firefly™ Needleless Connector is a sterile single patient use connector for needleless access to the IV line and IV catheter during IV therapy and can be used for direct injection, intermittent infusion, continuous infusion, or aspiration. This regulatory determination by the FDA gives PuraCath clearance to market the FireFly™ needleless connector in the US.

? In July 2021, Artio Medical, Inc., a medical device company developing innovative products for the peripheral vascular, neurovascular, and structural heart markets, announced it has completed enrolment in its first-in-human study evaluating the company's Amplifi™ Vein Dilation System. The Amplifi System is designed to stimulate arm vein enlargement in hemodialysis patients using rapid, non-pulsatile venous blood flow. Novel vein dilation system aims to improve vascular access for hemodialysis patients.

KEY TAKES AWAY FROM THE VASCULAR ACCESS 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 Vascular Access Devices market.

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

? Key companies dominating the Global Vascular Access Devices Market.

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

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

? Which are the top-performing regions and countries in the current market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for Vascular Access Devices market growth in the coming future?

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

? Vascular Access Devices providers

? Research organizations and consulting companies

? Vascular Access Devices related organization, association, forum, and other alliances

? Government and corporate offices

? Start-up companies, venture capitalists, and private equity firms

? Distributors and Traders in Vascular Access Devices

? Various End-users want to know more about the Vascular Access Devices Market and the latest technological developments in the Vascular Access Devices market

FREQUENTLY ASKED QUESTIONS FOR VASCULAR ACCESS DEVICES MARKET:

What are Vascular Access Devices?

Vascular access devices are types of equipment that are inserted inside the body through a vein to enable the administration of fluids, blood products, medication, and other therapies to the bloodstream. These devices allow repeated and long-term access to the bloodstream for frequent or regular administration of drugs, like intravenous (IV) antibiotics. The vascular access tubes are made of silicone, latex, and other substances.

What is the market for Global Vascular Access Devices?

Global Vascular Access Devices Market was valued at USD 4.31 billion in 2020, growing at a CAGR of 6.64% during the forecast period from 2021 to 2026, to reach USD 6.13 billion by 2026.

What are the drivers for Global Vascular Access Devices?

The major drivers driving the demand for Vascular Access Devices are the growing prevalence of chronic diseases like cancer, kidney failure, and heart diseases that requires the use of these devices. Some other factors like a rise in the number of chemotherapies, lifestyle diseases, and their rising occurrence in pediatric patients.

What are the key players operating in Global Vascular Access Devices?

Some of the key market players operating in the Vascular Access Devices market include Becton, Dickinson, and Company, Teleflex Incorporated, Medtronic PLC, Zoll Medical Corporation, B Braun Melsungen AG, Prodimed, Amecath Medical Technologies, Terumo Medical Corporation, AngioDynamics, Edwards Lifesciences Corporation, C. R. Bard, Inc., Smiths Group PLC, Nipro Medical Corporation, and others.

What regions have the highest share in the Vascular Access Devices market?

North America is expected to dominate the overall Vascular Access Devices market during the forecast period, 2021 to 2026. This domination is due to the growing demand for advanced technologies in vascular access devices, the rising need to treat chronic kidney disease in the region is driving the regional growth.

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