

Global Vascular Access Devices Market Size Study & Forecast, by Product (Short PIVCs, Huber Needles, Midline Catheters, PICCs, CVCs, Dialysis Catheters, Implantable Ports) and End Use and Regional Forecasts 2025-2035

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Abstracts

The Global Vascular Access Devices Market, valued at nearly USD 8.64 billion in 2024, is projected to expand at a steady CAGR of 4.70% between 2025 and 2035. Vascular access devices, which serve as essential lifelines in clinical practice, enable direct access to a patient's bloodstream for administering medications, nutrition, dialysis, and chemotherapy, as well as for diagnostic testing. The market has been witnessing consistent momentum, fueled by rising incidences of chronic illnesses such as cancer, kidney disease, and cardiovascular disorders, all of which necessitate long-term vascular access. Simultaneously, advancements in device design that improve patient comfort, reduce infection risk, and extend catheter lifespan are shaping the industry's forward trajectory. Increasing demand for minimally invasive procedures and the growing preference for home-based therapies have also been central to propelling adoption across diverse healthcare settings.

The rise in the prevalence of chronic diseases worldwide has created a compelling need for advanced vascular access solutions. According to the World Health Organization, chronic illnesses account for nearly 74% of global deaths, underlining the essential role of vascular access devices in treatment delivery. Additionally, the dialysis patient population continues to expand rapidly, particularly in developing nations, driving significant usage of catheters and implantable ports. The oncology sector remains another dominant contributor to market growth, with chemotherapy regimens requiring reliable vascular access for prolonged treatment cycles. Meanwhile, healthcare providers are increasingly investing in cutting-edge vascular devices with antimicrobial

coatings and improved insertion techniques to mitigate complications such as thrombosis or bloodstream infections—ensuring better patient outcomes and stronger adoption rates.

From a regional perspective, North America continues to hold the lion's share of the market, thanks to its well-established healthcare infrastructure, advanced reimbursement systems, and rising prevalence of cancer and kidney failure. The United States, in particular, is experiencing growing demand for central venous catheters and PICCs in both hospital and home care environments. Europe follows closely, benefiting from robust research activity and wide-scale adoption of innovative vascular access technologies. Meanwhile, the Asia-Pacific region is expected to chart the fastest growth during the forecast horizon, owing to an expanding patient pool, surging healthcare expenditure, and government-driven investments in improving dialysis and oncology care. Countries such as India and China, with rapidly urbanizing populations and a rising chronic disease burden, are emerging as high-potential markets for device manufacturers seeking to scale operations.

Major market players included in this report are:

Becton, Dickinson and Company

B. Braun Melsungen AG

Teleflex Incorporated

Smiths Medical

AngioDynamics, Inc.

Nipro Medical Corporation

ICU Medical, Inc.

Cook Medical

Medtronic plc

Terumo Corporation

Fresenius Medical Care AG & Co. KGaA

C.R. Bard (a Becton, Dickinson Company)

VYGON SA

Poly Medicure Ltd.

Baxter International Inc.

Global Vascular Access Devices Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product:

Short PIVCs

Huber Needles

Midline Catheters

PICCs

CVCs

Dialysis Catheters

Implantable Ports

By End Use:

Hospitals

Ambulatory Surgical Centers

Clinics

Home Healthcare

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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