

# **Vascular Access Devices Market Size and Forecast (2020 - 2030), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product Type (Short Peripheral Intravenous Catheters, Midline Catheters, PICC, Central Catheter, Implantable Ports, and Accessories), Application (Drug Administration, Administration of Fluid and Nutrition, Transfusion of Blood Products, and Others), Route of Insertion (Subcutaneous and Intravenous), End User (Hospitals and Clinics, Ambulatory Surgical Centers, and Others), and Geography**

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## **Abstracts**

The vascular access devices market is expected to grow from US\$ 5.62 billion in 2022 to US\$ 10.29 billion by 2030; it is anticipated to record a CAGR of 7.9% from 2022 to 2030.

Vascular access devices are placed using a number of anatomic sites to access the superior or inferior vena cava: the internal jugular vein, subclavian vein, external jugular vein, and femoral vein. The growing market size is attributed to the increasing prevalence of chronic diseases and increasing chemotherapy procedures. In addition, strategic initiatives by companies to stay competitive in the market are fueling the market growth. Significant increase in AI-enabled robotic venous access devices will likely bring new vascular access devices market trends during the forecast period.

Growing Number of Chronic Diseases are Fueling the Vascular Access Devices Market

## Growth

Chronic disorders such as cardiovascular, gastrointestinal disorders, rheumatoid arthritis, and neurological disorders affect the overall quality of life. According to the World Health Organization (WHO), about 50% of the global population is estimated to suffer from at least one chronic disease. According to the “Worldwide Prevalence and Burden of Functional Gastrointestinal Disorders, Results of Rome Foundation Global Study,” a large-scale multinational study published in 2021, ~40% of 73,076 adults surveyed from 33 countries in the world were suffering from a functional gastrointestinal disorder (GFID). Age-related gastrointestinal problems are more common in the elderly population, aged 64 and above. Per the study titled “Gastrointestinal problem among Indian adults: Evidence from Longitudinal Aging Study in India”, published in 2022, self-reported gastrointestinal disorders prevalence was reported at ~18%. The study also mentions that varying rates of gastrointestinal problems have been observed across the world, ranging from 14% in Iran to 54% in some western countries. Cardiovascular diseases (CVDs), especially the cases associated with hectic lifestyles, are a significant cause of mortality globally. According to the International Diabetes Federation (IDF), 537 million people worldwide, aged 20–79, had diabetes in 2021, and the number is estimated to increase to 783 million by 2045. Additionally, diabetes was the cause of 6.7 million deaths worldwide in 2021.

Aging can cause a consistent loss of physiological integrity, resulting in a reduction in functionality and an increased risk of mortality. The degradation of body function is a key risk factor for contracting the majority of chronic diseases, including diabetes, CVD, and neurological diseases, among elderly patients. According to the WHO, by 2030, 1 in 6 people worldwide will be aged above 60 years. As per the same source, the population aged above 60 years will increase from 1 billion in 2020 to 1.4 billion in 2030. With the increasing prevalence of chronic disorders and growing geriatric population, the number of patients who require drugs and nutrition through their venous system is increasing. Hence, due to above mentioned factors there is increase in demand for vascular access devices.

The vascular access devices market, by product type, is segmented into short peripheral intravenous catheters, midline catheters, PICC (peripherally inserted central catheters), central catheter, implantable ports, and accessories. Central catheter is further divided into CICC (centrally inserted central catheter), FICC (femorally inserted central catheter), and others. In 2022, the short peripheral intravenous catheter segment held the largest vascular access devices market share and is expected to record the highest CAGR during 2022–2030.

Based on application, the market is segmented into drug administration, administration of fluid & nutrition, transfusion of blood products, and others. In 2022, the drug administration segment held the largest vascular access devices market share and is projected to record the highest CAGR during 2022–2030.

Based on route of insertion, the market is bifurcated into subcutaneous and intravenous. The intravenous segment held a larger share of the vascular access devices market in 2022 and is anticipated to record a higher CAGR during 2022–2030.

Based on end user, the market is divided into hospitals and clinics, ambulatory surgical center, and others. The vascular access devices market size for the hospitals and clinics segment is likely to surge during 2022–2030.

Based on geography, the vascular access devices market is segmented into North America (theUS, Canada, and Mexico), Europe (UK, Germany, France, Italy, Spain, Russia, and Rest of Europe), Asia Pacific (China, Japan, India, South Korea, Australia, and Rest of Asia Pacific), the Middle East & Africa (the UAE, Saudi Arabia, South Africa, and Rest of Middle East & Africa), and South & Central America (Brazil, Argentina, and Rest of South & Central America). North America is the largest contributor to the growth of the global vascular access devices market. Asia Pacific is predicted to show the highest CAGR in the vascular access devices market during 2022–2030.

World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), Food and Drug Administration (FDA), and National Library of Medicine (NLM) are a few key primary and secondary sources referred to while preparing the report on the vascular access devices market.

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