

US Vascular Grafts Market Size study, by Product (Hemodialysis Access Grafts, Endovascular Stent Grafts, Coronary Artery By-Pass Grafts, Vascular Grafts for Aorta Disease, Peripheral Vascular Grafts), By Raw Material (Synthetic Vascular Grafts, Biological Vascular Grafts, Hybrid Vascular Grafts), By Application (Cardiac Aneurysm, Kidney Failure, Vascular Occlusion, Coronary Artery Disease) Forecasts 2022-2032

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Abstracts

US Vascular Grafts Market is valued approximately USD 485 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.71% over the forecast period 2024-2032. Vascular grafts are medical devices used in vascular surgery to repair or bypass blood vessels that are unwell or damaged. They are basically artificial blood vessels that are surgically inserted to restore blood flow in situations when natural blood arteries are obstructed, constricted, or weak. Biological tissues, such as those obtained from humans or animals, synthetic polymers, such as polyethylene terephthalate or Dacron, or a mix of the two are suitable to create vascular grafts. These grafts are utilized in a range of vascular treatments, such as aneurysm repair, peripheral artery bypass surgery, arteriovenous (AV) access for dialysis, and coronary artery bypass grafting (CABG). Vascular grafts are used in the treatment of peripheral vascular illnesses, cardiovascular diseases, and other disorders affecting blood flow. They help restore normal blood flow, alleviate symptoms, and improve overall patient outcomes. In the United States, a key trend in the US Vascular Grafts Market is the growing demand for advanced graft materials and technologies that offer improved durability, biocompatibility, and long-term performance in vascular surgeries.

The US Vascular Grafts Market is rapidly growing owing to the factors such as the rising prevalence rates of diabetes, cardiovascular diseases, and chronic kidney disease in the region. According to the Centers for Disease Control and Prevention, in the United States, heart disease stands as the primary cause of death among men, women, and individuals across various racial and ethnic backgrounds. The region has one cardiovascular disease-related death every 33 seconds, along with heart disease claimed the lives of almost 695,000 persons in 2021, accounting for 1 in 5 fatalities. Similarly, according to National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) publication as of May 2023, over one-seventh of adult Americans nearly 37 million people have Chronic Kidney Disease (CKD). Thus, the increasing burden of Chronic Kidney Disease (CKD) and coronary heart diseases including stroke and cardiomyopathy is the significant driver that is contributing to a growth of the market. Additionally, the U.S. healthcare system is at the forefront of medical innovation. Advancements in minimally invasive endovascular techniques using stents and grafts are making these procedures more attractive due to faster recovery times and less patient discomfort. This leads to a rise in the number of procedures performed and a corresponding increase in vascular graft use. Moreover, the availability of the robust reimbursement coverage and advanced healthcare infrastructure available in US are further creating growth potentials for the US Vascular Grafts Market. However, the risk of graft failures, combined with the high cost of vascular graft procedures, is expected to stifle the growth of the US Vascular Grafts Market between 2022 and 2032.

Major market player included in this report are:

LeMaitre Vascular, Inc.

Becton, Dickinson and Company

Abbott Laboratories

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

- Hemodialysis Access Grafts
- Endovascular Stent Grafts
- Coronary Artery By-Pass Grafts
- Vascular Grafts for Aorta Disease
- Peripheral Vascular Grafts

By Raw Material

- Synthetic Vascular Grafts
- Biological Vascular Grafts
- Hybrid Vascular Grafts

By Application

- Cardiac Aneurysm
- Kidney Failure
- Vascular Occlusion
- Coronary Artery Disease

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and Country 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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