

Vascular Stents Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global vascular stents market size reached US\$ 10.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 14.3 Billion by 2028, exhibiting a growth rate (CAGR) of 6.1% during 2023-2028.

A vascular stent is a small device that is used to clear and prevent blockages in the heart valves and arteries. It is also used to provide internal structural support to stenotic or occluded blood vessels. The process of placing a vascular stent inside the body is known as vascular stenting. Vascular stents are usually made of polyethylene, polypropylene or non-absorbable materials such as stainless steel or cobalt-chromium alloys. They may vary from tubular stent-grafts, which are used to repair aneurysms, to expandable metal meshes that are used during percutaneous vessel interventions. Once the stent is placed in the intended location, it is expanded using a balloon or a self-expanding mechanism.

Rapidly increasing geriatric population is one of the major factors driving the market growth worldwide. Furthermore, there has been a rise in the incidence rate of various ailments such as peripheral artery disease (PAD), aortic aneurysm, and ischemic heart disease. The frequent occurrence of these ailments has led to a growing requirement for vascular stents. This can be attributed to lifestyle choices such as smoking and high alcohol consumption coupled with physical inactivity and unhealthy dietary habits of individuals. Additionally, increasing consumer inclination toward minimally invasive (MI) procedures is also driving the market growth. The MI vascular stenting procedures ensure shorter hospital stay, quick recovery and greater comfort for the patients.

Moreover, the emerging trend of peripheral and endovascular aneurysm repair (EVAR) stent grafting is also contributing to the market growth. The EVAR is widely preferred for patients with advanced age and renal dysfunction, while peripheral stenting is done to provide support to femoropopliteal and infrapopliteal arteries above the knee.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global vascular stents market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on product type, material, mode of delivery and end-user.

Breakup by Product Type:

- Coronary Stents
- Peripheral Vascular Stents
- Evar Stent Grafts

Breakup by Material:

- Metallic Stents
 - Cobalt Chromium
 - Platinum Chromium
 - Nickel Titanium
 - Stainless Steel
 - Others

Breakup by Mode of Delivery:

- Balloon-Expandable Stents
- Self-Expanding Stents

Breakup by End-User:

- Hospitals and Cardiac Centers
- Ambulatory Surgical Centers

Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Medtronic Plc, Abbott Laboratories, Boston Scientific Corporation, Biotronik Se & Co. Kg, Braun Melsungen Ag, Terumo Corporation, Microport Scientific Corporation, Meril Life Sciences Pvt. Ltd., Vascular Concepts Limited, C.R. Bard, Inc., W.L. Gore and Associates, Inc., Endologix, Inc., Lombard Medical, Translumina Gmbh, Jotec Gmbh, etc.

Key Questions Answered in This Report:

How has the global vascular stents market performed so far and how will it perform in the coming years?

What are the key regional markets in the global vascular stents industry?

What has been the impact of COVID-19 on the global vascular stents industry?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the material?

What is the breakup of the market based on the mode of delivery?

What is the breakup of the market based on the end-user?

What are the various stages in the value chain of the global vascular stents industry?

What are the key driving factors and challenges in the global vascular stents industry?

What is the structure of the global vascular stents industry and who are the key players?

What is the degree of competition in the global vascular stents industry?

What are the profit margins in the global vascular stents industry?

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