

Global Carotid Artery Stents Market Size study & Forecast, by Type (Balloon Expandable Stents, Self-expanding Stents), by Material (Metals, Others Stents), by End User (Hospitals, Cardiac Centers, Ambulatory Surgical Centers) and Regional Analysis, 2023-2030

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Abstracts

Global Carotid Artery Stents Market is valued at approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx% over the forecast period 2023-2030. Carotid artery stents are flexible, small devices utilized to widen a narrowed carotid artery; a procedure referred to as carotid artery stenting (CAS). CAS aims to enhance blood flow in the artery, while also preventing the formation of plaque fragments and the recurrence of artery narrowing, known as restenosis. However, the market growth during the forecast period is propelled by the advancements in biocompatible stent development and the increasing availability of carotid artery stents with innovative technologies.

The increasing incidence of cardiovascular diseases (CVD), including conditions such as stroke, ischemic stroke, and transient ischemic attack, is a significant driver for the demand for carotid artery stenting procedures and the subsequent need for stents. This factor is expected to contribute significantly to the growth of the market. According to World Health Organization In 2021, each year, approximately 17.9 million lives are claimed globally, making cardiovascular diseases (CVDs) the primary cause of death worldwide. A study published in the National Library of Medicine in June 2021 revealed that carotid artery disease (CAD) is the leading cause of death in the United States, accounting for approximately 610,000 fatalities annually, which represents approximately 1 in 4 deaths. The market growth is driven by various factors, including the development of biocompatible stents and the emergence of carotid artery stents with innovative technologies, the increasing geriatric population, and a rise in the

adoption of minimally invasive surgical procedures. However, the complications associated with stents and strict regulatory approval processes and the high cost of Carotid Artery Stents stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Carotid Artery Stents Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the factors such as a well-established healthcare infrastructure, rapid technological advancements, a rising prevalence of cardiovascular diseases (CVD), and an increasing demand for minimally invasive (MI) procedures. Asia Pacific is expected to grow significantly during the forecast period, several factors are propelling the market forward, including advancements in coronary artery disease (CAD) screening, economic growth, regulatory changes, and favorable reimbursement policies in countries such as Australia and South Korea. Furthermore, government investments in healthcare and initiatives aimed at providing affordable products in cost-constrained regions such as India and China are also influencing the industry.

Major market player included in this report are:

Abbott Laboratories, Inc

Balton Sp z o.o.

Boston Scientific Corporation

W. L. Gore & Associates, Inc.

InspireMD, Inc.

Medtronic plc

Terumo Europe NV

MicroPort Scientific Corporation

Silk Road Medical, Inc.

Impulse Dynamics

Recent Developments in the Market:

In October 2022, Cordis, a company specializing in medical devices, has recently acquired MedAlliance, a Swiss company known for its innovative drug-eluting balloons. With this acquisition, Cordis gains access to MedAlliance's drug-eluting balloon SELUTION SLR (Sustained Limus Release), a technology with the potential to provide treatment to two million patients globally by 2027.

In Aug 2022, Medtronic recently introduced its latest drug-eluting coronary stent called the Onyx Frontier. This innovative stent builds upon the success and clinical data of the Resolute Onyx drug-eluting stent while incorporating a novel delivery system. The Onyx Frontier DES utilizes the same stent platform as the Resolute Onyx DES and features

an enhanced delivery system that aims to improve acute performance and deliverability, particularly in challenging cases.

Global Carotid Artery Stents Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Type, Material, End User, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Balloon Expandable Stents

Self-expanding Stents

By Material:

Metals

Others Stents

By End User:

Hospitals

Cardiac Centers

Ambulatory Surgical Centers

By Region:

North America

U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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