

Global Airway Stents Market Size Study & Forecast, By Product Type (Expandable Stents, Non-expandable Stents) By Type (Laryngeal Stents, Tracheal Stents, Bronchial Stents), By Material Type (Metal, Silicone, Hybrid), by End User (Hospitals and ASCs, Specialty Clinics, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GED4A18C9D05EN.html>

Date: April 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GED4A18C9D05EN

Abstracts

Global Airway Stents Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Airway stents are medical devices used to maintain the patency or openness of the airways in the respiratory system. These stents are typically inserted into the trachea or bronchi to provide structural support and prevent collapse or obstruction of the airway. Airway stents may be made of various materials, including silicone, metal, or biodegradable polymers, and come in different shapes and sizes to accommodate individual patient needs. They are commonly used in the management of conditions such as tracheobronchomalacia, tracheal stenosis, or airway obstruction due to tumors or other abnormalities. By keeping the airway open, airway stents help improve breathing and alleviate symptoms associated with airway narrowing or blockage, thereby enhancing patient comfort and quality of life. The Airway Stents market is expanding because of factors such as the increasing prevalence of respiratory disorders, increasing awareness and diagnosis of respiratory conditions, and growing preference for minimally invasive procedures.

The rising prevalence of respiratory disorders such as lung cancer, tracheobronchomalacia, chronic obstructive pulmonary disease (COPD), and tracheal stenosis is a significant factor driving the demand for airway stents. As the incidence of these conditions continues to rise globally, there is a growing need for interventions to

manage airway obstruction and improve respiratory function. As indicated by a publication in the European Respiratory Journal in November 2021, the prevalence of Chronic Obstructive Pulmonary Disease (COPD) in Europe is projected to increase significantly. By the year 2050, it is estimated that approximately 49,453,852 Europeans will be affected by COPD, a rise from the 36,580,965 reported in 2020. The same source also highlights that the Netherlands is anticipated to have the highest COPD prevalence in Europe, reaching 14.6% by the year 2050. Thus, the rising prevalence of respiratory disorders is driving the market growth. In addition, rising research and development relating to airway stents and rising demand for palliative care are creating new opportunities for market growth. However, the availability of alternative treatment modalities and complications associated with stents stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Airway Stents Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022. North America is anticipated to hold a substantial share of the global airway stents market. This growth is driven by the rising disease prevalence, rising healthcare spending, and robust presence of key market players like MICRO-TECH (Nanjing) Co., Ltd., coupled with the implementation of strategic partnerships within the market. For instance, in July 2022, MICRO-TECH (Nanjing) Co., Ltd., a leading provider of diagnostic and therapeutic devices, forged a distribution partnership with Thoracent, Inc., an esteemed innovator of pulmonary and thoracic products. Under this collaboration, Thoracent, Inc. will serve as the U.S. distributor for Micro-Tech's Y-shaped tracheal Stent System. This system is specifically engineered to facilitate the management of airway tumors in the trachea without the need for invasive surgical procedures. Furthermore, the European market is poised to exhibit substantial and fastest growth throughout the forecast period. This growth is attributed to market players' focus on introducing new products and the rising prevalence of airway diseases within the region.

Major market players included in this report are:

Bess medizintechnik GmbH

Boston Scientific Corporation

Cook Group

E. Benson Hood Laboratories Inc.

Efer Endoscopy

Endo-Flex GmbH

Merit Medical Systems Inc.

Micro-Tech (Nanjing) Co. Ltd.

Standard Sci Tech Inc.

Taewoong Medical Co. Ltd.

Recent Developments in the Market:

In August 2023, Theken Companies, LLC, a group of medical device enterprises, unveiled its acquisition of VisionAir Solutions from Cleveland Clinic. This acquisition encompassed VisionAir Solutions's VisionAir 3D Stent Architect. This innovative tool empowers pulmonologists to craft personalized silicone stents tailored for patients grappling with symptomatic central airway obstruction.

In October 2020, Olympus America, renowned for its development of innovative solutions for medical and surgical procedures, introduced the HANAROSTENT Esophagus TTS self-expanding metal stents (SEMS). Manufactured by M.I. Tech and exclusively distributed through Olympus America in the United States, these stents offer advanced solutions for esophageal conditions.

Global Airway 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 – Product Type, Type, Material Type, End User, Region

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

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

The objective of the study is to define the 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 countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also 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-segment of the market are explained below:

By Product Type:

Expandable Stents

Non-expandable Stents

By Type:

Laryngeal Stents

Tracheal Stents

Bronchial Stents

By Material Type:

Metal

Silicone

Hybrid

By End User:

Hospitals and ASCs

Specialty Clinics

Others

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

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Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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