

Brazil Angioplasty Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Brazil Angioplasty Devices Market size is estimated at USD 558.02 million in 2025, and is expected to reach USD 728.62 million by 2030, at a CAGR of 5.48% during the forecast period (2025-2030).

Angioplasty is a procedure performed to open blocked coronary arteries using medical devices such as stents, sheaths, guidewires, balloon catheters, and imaging equipment. The increasing burden of cardiovascular diseases in Brazil is significantly driving the demand for minimally invasive procedures like angioplasty.

The rise in cardiovascular diseases is closely linked to common risk factors such as hypertension, diabetes, obesity, unhealthy diet, physical inactivity, and smoking. The increasing urbanization and lifestyle changes in Brazil have led to higher exposure to these risk factors, contributing to the growing burden of cardiovascular diseases. For instance, according to Arquivos Brasileiros de Cardiologia, in 2022, Brazil recorded a significant number of hospitalizations due to cardiovascular diseases (CVDs). The country saw a total of 1.29 million hospital admissions related to cardiovascular conditions. This reflects the substantial burden of CVDs on the Brazilian healthcare system and underscores the critical need for effective prevention and management strategies to address this public health challenge.

Brazil's aging population is another crucial factor in increasing the prevalence of cardiovascular diseases. As the population ages, the incidence of age-related diseases like CVD naturally rises. The proportion of elderly individuals in Brazil is growing, leading to a higher prevalence of heart diseases. For instance, according to the 2022 Census, Brazil had over 22.2 million older persons aged 65 years and older, 10.9% of the country's population. This age group is expected to reach approximately 50 million, representing 24% of the Brazilian population by 2030.

Moreover, technological advancements are also playing a crucial role in driving market growth. Innovations in medical devices and techniques, such as drug-eluting balloons and advanced vascular imaging technologies, have improved the efficacy and safety of angioplasty procedures. Major medical device companies are investing in and expanding their product offerings in Brazil, further promoting the adoption of these minimally invasive techniques. For instance, in September 2023, the Reewarm PTX Drug-Coated Balloon (DCB) Catheter, developed by Endovastec, was successfully implanted for the first time in Brazil.

Drug-coated balloons (DCBs) are increasingly used because of their potential to combine balloon angioplasty and antiproliferative drug elution without leaving a permanent metal implant that may distort and constrain the coronary vessel, limit vasomotion and adaptive remodeling, and promote chronic inflammation. Such developments in angioplasty are expected to surge the adoption rate of these devices, subsequently boosting market growth.

Therefore, the increasing geriatric population and increasing preference toward minimally invasive procedures, coupled with continuous technological advancement by market players, are some of the factors positioning the angioplasty devices market in Brazil for substantial growth as it adapts to the rising healthcare needs driven by the burden of cardiovascular diseases.

However, the high costs associated with this procedure and the risk of complications, leading to a surge in the economic burden on the patient population, may serve as an impediment to limiting the market's growth.

Brazil Angioplasty Devices Market Trends

The Stents Segment is Expected to Witness Significant Growth During the Forecast Period

- Angioplasty stents are small, mesh-like metal tubes used to treat narrowed or blocked arteries in a medical procedure called angioplasty. Stents can be made of various materials, such as stainless steel, cobalt-chromium, or platinum-chromium alloys, and they come in different sizes and designs to suit different patient needs. The angioplasty stents segment in Brazil is expected to have significant growth due to factors like increasing incidences of cardiovascular diseases, greater adoption of angioplasty stent procedures, and technological advancements in angioplasty.
- In Brazil, there is greater adoption of angioplasty stents under implant procedures, which is expected to drive segment growth during the study period. For instance, as per the data published by the National Implant Registry (RNI) in 2023, 12,363 implant records were reported in Brazil, out of which 12,058 were coronary angioplasty for stent placement. This shows that 97% of stent placements in overall implant procedures are significant and likely to continue the same, which is expected to boost the market's growth during the study period.
- Furthermore, in Brazil, there is a high burden of cardiology emergency cases associated with the geriatric population, which include ischemic heart disease cases, which is expected to increase the demand for angioplasty stents. For instance, the hospitalization data from the SUS (Unified Health System) in 2022 reported that 83.37% of hospitalization cases in the cardiology area occurred due to emergencies in Brazil, which include ischemic heart diseases, angina, and valvular heart disease. Hence, the high burden of cardiology emergency cases greatly increases the demand for stent usage, which is expected to boost the segment's growth during the study period.
- The approvals and launches of new products in the country increase the availability of stents, which is expected to boost segment growth during the forecast period. For instance, in October 2023, the National Health Surveillance Agency (ANVISA) approved an innovative treatment, ABRE Stent, for Deep Vein Thrombosis (DVT), a serious and potentially fatal condition. The main advantage of this stent is its flexibility, which increases its use for treatment.
- Thus, owing to the abovementioned factors, such as the high burden of cardiovascular diseases, the growing geriatric population, greater adoption of angioplasty stent procedures, and new product approvals and launches, the segment is expected to grow significantly during the forecast period.

Coronary Angioplasty Segment Expected to Witness Healthy Growth During the Forecast Period

- Coronary angioplasty, a procedure aimed at widening narrowed or blocked heart arteries, involves inserting a catheter with a deflated balloon. Upon inflation, the balloon compresses plaque buildup, enhancing blood flow. This procedure is primarily used to address coronary artery disease, alleviating symptoms like chest pain and reducing the risk of heart attacks. Some key factors contributing to the growth of coronary angioplasty in Brazil include the rising incidence of coronary artery disease, which is attributed to factors like poor diet, obesity, and stress. Additionally, heightened awareness of heart conditions and technological advancements in angioplasty procedures are set to propel the segment's growth.
- The Ministry of Health in Brazil has identified several risk factors for cardiovascular diseases, including coronary artery disease. These risks encompass smoking, high cholesterol, hypertension, obesity, stress, depression, and diabetes. Given its association with a heightened risk of coronary artery disease, the escalating obesity rates in Brazil are poised to drive the demand for coronary angioplasty. Notably, the World Obesity Atlas projected Brazil to face a 41% obesity rate by 2035, highlighting the situation's urgency. From 2020 to 2035, adult obesity in Brazil is projected to witness an annual growth rate of 2.8%, a concerning statistic that directly correlates with the rising demand for coronary angioplasty.
- Moreover, advancements in coronary angioplasty procedures, such as the innovative intracoronary lithotripsy performed at Brazil's Hospital Marcio Cunha in August 2023, enhance the treatment's efficiency. Such advancements are anticipated to drive the demand for such procedures. Furthermore, the availability of affordable or accessible cardiovascular healthcare services, as highlighted by the Ministry of Health in September 2022, is expected to boost the usage of coronary angioplasty devices, further fueling the segment's growth.
- Similarly, initiatives like the one by Seconci-MG in May 2024, emphasizing regular consultations with cardiologists for heart and blood pressure checks, play a crucial role. By ensuring early diagnoses and promoting treatments like coronary angioplasty, these efforts directly contribute to the segment's growth.
- Therefore, given the rising risk of coronary artery disease, increasing awareness of coronary angioplasty, and technological advancements in this field, the segment is poised for significant growth in Brazil during the forecast period.

Brazil Angioplasty Devices Industry Overview

The Brazilian angioplasty devices market is consolidated due to the strong presence of established players in specific segments of the market. The competitive landscape includes an analysis of a few international companies with substantial market shares, including Boston Scientific Corporation, Medtronic, Terumo Corporation, and Abbott Laboratories.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumption and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

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4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.2.1 Increasing Burden of Cardiovascular Diseases Requiring Angioplasty

4.2.2 Increasing Preference for Minimally Invasive Procedures and Technological Advancements

4.3 Market Restraints

4.3.1 High Costs Associated with the Procedure and Risk of Complications

4.4 Porter's Five Force Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION (Market Size by Value - USD)

5.1 By Product Type

5.1.1 Stents

5.1.2 Guidewires

5.1.3 Balloons

5.1.4 Other Product Types

5.2 By Application

5.2.1 Coronary Angioplasty

5.2.2 Peripheral Angioplasty

5.3 By End User

5.3.1 Hospitals

5.3.2 Specialty Clinics

5.3.3 Other End Users

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Abbott Laboratories

6.1.2 Boston Scientific Corporation

6.1.3 Terumo Corporation

6.1.4 Biotronik SE & Co. KG

6.1.5 Medtronic PLC

6.1.6 B.Braun SE

6.1.7 Becton, Dickinson, and Company

6.1.8 MicroPort Scientific Corporation

6.1.9 SCITECH

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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