

Indonesia Stent Market, By Product Type (Vascular Stent, Non-Vascular Stents), By Material Type (Metal, Polymer), By End User (Hospital & Clinics, Ambulatory Care Centers, Others), By Region, Competition, Forecast and Opportunities, 2018-2028F

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Abstracts

The Indonesia Stent Market recorded a valuation of USD 126.07 Million in 2022 and is poised for robust growth throughout the forecast period, with a projected Compound Annual Growth Rate (CAGR) of 5.33% and expected to reach USD 171.22 Million through 2028. A stent, a flexible tube-like medical device, finds application in supporting and opening narrowed or obstructed blood vessels, ducts, or hollow organs. Its usage spans various medical procedures, aimed at enhancing blood flow, relieving blockages, and ensuring proper functionality in affected areas. While commonly used in the cardiovascular system, stents also have applications in other bodily regions.

Stents serve as vital medical tools in addressing a range of healthcare conditions characterized by constricted or obstructed passages within the body. Some common applications of stents include the treatment of Coronary Artery Disease (CAD), Peripheral Artery Disease (PAD), Aneurysm Repair, Biliary and Pancreatic Obstruction, Urological Disorders, Gastrointestinal Conditions, Airway Obstruction, Dialysis Access, Esophageal Disorders, and Tracheobronchial Conditions. Particularly in the context of CAD, stents play a pivotal role in restoring blood flow to the heart by being implanted in narrowed or blocked coronary arteries during procedures like percutaneous coronary intervention (PCI) or angioplasty. This prevents artery collapse and ensures sufficient oxygen and nutrient supply to the heart muscle, consequently alleviating symptoms such as chest pain and shortness of breath.

Moreover, the implementation of drug-eluting stents has been instrumental in inhibiting



cell growth within arteries, thereby reducing restenosis, the re-narrowing of previously treated arteries after angioplasty. This advancement, coupled with complementary medical therapies, enhances long-term outcomes for individuals with CAD, curbing disease progression and minimizing the need for repeat procedures. Stent placement, a minimally invasive procedure involving a small incision, generally yields shorter hospital stays, quicker recovery, and lesser discomfort compared to openheart surgery. The customization of stents to match patients' arterial specifics contributes to precise placement and optimal treatment outcomes, further driving demand for the Indonesia Stent Market and fostering growth.

Key Market Drivers:

1. Escalating Cardiovascular Disease Burden: The growing prevalence of cardiovascular diseases, notably CAD, fuels demand for medical interventions like stents. As the number of individuals with such conditions rises, so does the requirement for stent procedures. Research and development efforts in stent technology are stimulated, leading to advanced stent designs, materials, and drug-eluting capabilities tailored to complex cardiovascular cases.

2. Technological Advancements: Innovations in medical technology impact stent design, efficacy, safety, and availability. Improved stent designs, drug-eluting stents, bioabsorbable stents, nanotechnology coatings, 3D printing, and minimally invasive techniques contribute to better patient outcomes and drive adoption.

3. Increasing Healthcare Expenditure: Greater healthcare spending translates to improved access to advanced medical technologies, such as stent interventions. Enhanced healthcare facilities and expanded health insurance coverage make stent procedures accessible to more patients. Medical tourism is also boosted, driving demand for stent procedures and cardiovascular interventions.

Key Market Challenges:

1. Economic Constraints: Limited healthcare budgets and financial challenges can impede patient access to stent procedures. Economic limitations may result in delayed or deferred stent procedures, impact healthcare infrastructure, and discourage research and development of innovative stent technologies.

2. Regulatory Challenges: Complex and lengthy regulatory approval processes can delay the introduction of new stent technologies. Stringent requirements may limit the



market's stent variety and deter investment in research and development. Inconsistent or unclear regulations create uncertainty, hindering the adoption of new stent technologies.

Key Market Trends:

1. Minimally Invasive Procedures: The rise of minimally invasive procedures, such as stent placement, offers advantages like quicker recovery, reduced complications, and patient preference, driving demand for stent interventions.

2. Product Type and Material Type Dominance: The vascular stent segment, particularly drug-eluting stents, and metal stents are dominant in the market, fueled by their clinical efficacy in treating cardiovascular diseases.

Regional Insights:

Bali leads the Indonesia Stent Market due to its strong demand for medical devices and advanced healthcare infrastructure. Cities like Jakarta, Surabaya, Bandung, and Denpasar are known for their healthcare facilities, resulting in higher utilization of medical devices and driving market growth.

Key Market Players

- PT B. Braun Medical Indonesia
- PT Boston Scientific Indonesia
- PT Medtronic Indonesia
- PT Becton Dickinson Indonesia
- PT Abbott Indonesia
- PT Multidaya Medika
- PT Terumo Indonesia

Report Scope:

Indonesia Stent Market, By Product Type (Vascular Stent, Non-Vascular Stents), By Material Type (Metal, Polyme...



In this report, the Indonesia Stent Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Indonesia Stent Market, By Product Type:

Vascular Stent

Non-Vascular Stent

Indonesia Stent Market, By Material Type:

Metal

Polymer

Indonesia Stent Market, By End User:

Hospital & Clinics

Ambulatory Care Centers

Others

Indonesia Stent Market, By Region:

Bali

Java

Kalimantan

Sulawesi

Indonesian Papua

Sumatra

Nusa Tenggara

Indonesia Stent Market, By Product Type (Vascular Stent, Non-Vascular Stents), By Material Type (Metal, Polyme...



Moluccas

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Indonesia Stent Market.

Available Customizations:

Indonesia Stent Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).



Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
- 1.2.1. Markets Covered
- 1.2.2. Years Considered for Study
- 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Types
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. INDONESIA STENT MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Product Type (Vascular Stent, Non-Vascular Stents)
 - 5.2.2. By Material Type (Metal, Polymer)
 - 5.2.3. By End User (Hospital & Clinics, Ambulatory Care Centers, Others)



5.2.4. By Region (Bali, Java, Kalimantan, Sulawesi, Indonesian Papua, Sumatra, Nusa Tenggara, Moluccas)

- 5.2.5. By Company (2022)
- 5.3. Market Map
- 5.3.1. By Product Type
- 5.3.2. By Material Type
- 5.3.3. By End User

6. INDONESIA VASCULAR STENTS MARKET OUTLOOK

- 6.1. Market Size & Forecast
- 6.1.1. By Value
- 6.2. Market Share & Forecast
- 6.2.1. By Material Type (Metal, Polymer)
- 6.2.2. By Type (Coronary Stents, Peripheral Stents, Neurovascular Stents)
- 6.2.3. By End User (Hospital & Clinics, Ambulatory Care Centers, Others)

7. INDONESIA NON-VASCULAR STENTS MARKET OUTLOOK

- 7.1. Market Size & Forecast
- 7.1.1. By Value
- 7.2. Market Share & Forecast
- 7.2.1. By Material Type (Metal, Polymer)
- 7.2.2. By Type (Gastrointestinal Stents, Urological Stents, Pulmonary (Airway) Stents)
- 7.2.3. By End User (Hospital & Clinics, Ambulatory Care Centers, Others)

8. MARKET DYNAMICS

- 8.1. Drivers
- 8.2. Challenges

9. MARKET TRENDS & DEVELOPMENTS

- 9.1. Merger & Acquisition
- 9.2. Product Development
- 9.3. Recent Developments

10. POLICY & REGULATORY LANDSCAPE



11. INDONESIA ECONOMIC PROFILE

12. COMPETITIVE LANDSCAPE

- 12.1. Business Overview
- 12.2. Company Snapshot
- 12.3. Products & Services
- 12.4. Financials (As Reported)
- 12.5. Recent Developments
- 12.5.1. PT B. Braun Medical Indonesia
- 12.5.2. Pt Boston Scientific Indonesia
- 12.5.3. PT Medtronic Indonesia
- 12.5.4. PT Becton Dickinson Indonesia
- 12.5.5. PT Abbott Indonesia
- 12.5.6. PT Multidaya Medika
- 12.5.7. PT Terumo Indonesia

13. STRATEGIC RECOMMENDATIONS



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