

# **Abdominal Aortic Aneurysm (Aaa) Repair Devices Market Outlook 2025-2034: Market Share, and Growth Analysis By Product Type (Endovascular Stent Graft System, Synthetic Graft System), By Site (Infrarenal AAA, Pararenal AAA), By Application, By End-User**

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## **Abstracts**

The Abdominal Aortic Aneurysm (Aaa) Repair Devices Market is valued at USD 3.2 billion in 2025 and is projected to grow at a CAGR of 6.6% to reach USD 5.7 billion by 2034. The abdominal aortic aneurysm (AAA) repair devices market is a specialized sector focused on providing medical devices for the treatment of AAAs. This market encompasses a range of devices, including endovascular stent grafts, open surgical grafts, and related accessories. AAAs are a serious condition that can lead to life-threatening ruptures, and these devices are crucial for preventing such outcomes. The market is driven by the increasing prevalence of AAAs and the growing adoption of minimally invasive endovascular repair techniques.

The market is characterized by rapid innovation in stent graft technology, imaging systems, and delivery systems. The development of advanced stent grafts with improved durability and flexibility is driving the market forward. The integration of advanced imaging systems, such as 3D rotational angiography and intravascular ultrasound (IVUS), is also enhancing procedural accuracy. Furthermore, the increasing adoption of customized stent grafts and patient-specific planning tools is improving treatment outcomes. The market is also seeing a trend towards hybrid procedures that combine open surgical and endovascular techniques.

Geographically, the AAA repair devices market is expanding globally, with significant activity in developed regions and emerging economies. Developed regions are leading the way in technology adoption, driven by their advanced healthcare infrastructure and

strong demand for minimally invasive procedures. Emerging economies are also showing increasing interest in AAA repair devices, driven by the growing awareness of cardiovascular diseases and the availability of affordable treatment options. The market's future is promising, with continuous innovation and increasing adoption expected to drive growth.

## Key Insights Abdominal Aortic Aneurysm (Aaa) Repair Devices Market

**Endovascular Stent Grafts:** Increasing adoption of minimally invasive endovascular repair techniques.

**Advanced Stent Graft Technology:** Development of stent grafts with improved durability and flexibility.

**Advanced Imaging Systems:** Integration of 3D rotational angiography and IVUS for enhanced procedural accuracy.

**Customized Stent Grafts:** Use of customized stent grafts and patient-specific planning tools.

**Hybrid Procedures:** Combining open surgical and endovascular techniques.

**Increasing Prevalence of AAAs:** Growing prevalence of abdominal aortic aneurysms.

**Minimally Invasive Procedures:** Demand for minimally invasive endovascular repair techniques.

**Improved Treatment Outcomes:** Need for improved treatment outcomes and reduced complications.

**Technological Advancements:** Continuous advancements in stent graft technology and imaging systems.

**Aging Population:** Growing aging population with increased risk of AAAs.

**Procedural Complexity:** The complexity of endovascular AAA repair procedures.

**Device Costs:** The high cost of stent grafts and related devices.

Complication Rates: Potential complications associated with AAA repair procedures.

Training and Expertise: Need for specialized training and expertise for AAA repair.

Abdominal Aortic Aneurysm (Aaa) Repair Devices Market Segmentation

By Product Type

Endovascular Stent Graft System

Synthetic Graft System

By Site

Infrarenal AAA

Pararenal AAA

By Application

Traditional Anatomy

Complex Anatomy

By End-User

Hospitals

Ambulatory Surgical Centers

Other End-Users

Key Companies Analysed

Cardiatis S.A

Cardinal Health Inc.

Cook Medical LLC

Endologix Inc.

Lombard Medical Inc.

Medtronic plc

Terumo Corporation

W.L. Gore and Associates Inc.

C. R. Bard

Jotec GmbH

Gore Medical

Abbott Laboratories

LivaNova plc

Boston Scientific Corporation

Koninklijke Philips N.V.

MicroPort Scientific Corporation LLC

Lifetech Scientific (Shenzhen) Co. Ltd.

Hangzhou Endonom Medtech Co. Ltd.

Latecba SA

Nectero Medical

Beijing Jinyu Medical Device Co. Ltd.

Beijing Endoncare Medical Devices Co. Ltd.

Shanghai MicroPort Endovascular Medical Devices Co. Ltd.

Lepu Medical Technology Co. Ltd.

Beijing Advanced Cardiovascular Technologies Co. Ltd.

CryoLife Inc.

Baxter International Inc.

Edwards Lifesciences Corporation

B. Braun Melsungen AG

Getinge AB

### Abdominal Aortic Aneurysm (Aaa) Repair Devices Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Abdominal Aortic Aneurysm (Aaa) Repair Devices Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers &

acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Abdominal Aortic Aneurysm (Aaa) Repair Devices market data and outlook to 2034

United States

Canada

Mexico

Europe — Abdominal Aortic Aneurysm (Aaa) Repair Devices market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Abdominal Aortic Aneurysm (Aaa) Repair Devices market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Abdominal Aortic Aneurysm (Aaa) Repair Devices  
market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Abdominal Aortic Aneurysm (Aaa) Repair Devices  
market data and outlook to 2034

Brazil

Argentina

Chile

## Peru

*\* We can include data and analysis of additional countries on demand.*

### Research Methodology

This study combines primary inputs from industry experts across the Abdominal Aortic Aneurysm (Aaa) Repair Devices value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

### Key Questions Addressed

What is the current and forecast market size of the Abdominal Aortic Aneurysm (Aaa) Repair Devices industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

### Your Key Takeaways from the Abdominal Aortic Aneurysm (Aaa) Repair Devices Market Report

Global Abdominal Aortic Aneurysm (Aaa) Repair Devices market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Abdominal Aortic Aneurysm (Aaa) Repair Devices trade, costs, and supply chains

Abdominal Aortic Aneurysm (Aaa) Repair Devices market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Abdominal Aortic Aneurysm (Aaa) Repair Devices market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Abdominal Aortic Aneurysm (Aaa) Repair Devices market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Abdominal Aortic Aneurysm (Aaa) Repair Devices supply chain analysis

Abdominal Aortic Aneurysm (Aaa) Repair Devices trade analysis, Abdominal Aortic Aneurysm (Aaa) Repair Devices market price analysis, and Abdominal Aortic Aneurysm (Aaa) Repair Devices supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Abdominal Aortic Aneurysm (Aaa) Repair Devices market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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