

# Global Nitinol-based Medical Device Market Set For 10.6% Growth, Reaching \$31.6 Billion By 2029

*The Business Research Company's Nitinol Based Medical Device Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

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/EINPresswire.com/ -- The explosive growth in the [Nitinol-based Medical Device Market](#), set to grow from \$18.99 billion in 2024 to \$21.06 billion in 2025 at a compound

annual growth rate CAGR of 10.9%, has turned heads in the medical industry. Are you aware of what is driving this increase? [The Business Research Company's](#) comprehensive report explores market drivers, current trends, regional insights, and provides market sizing and forecasts through 2034.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

*The Business Research Company*

What Can We Expect For The Future Growth Of The [Nitinol-based Medical Device Market Size](#)?

However, what piques observer's interests is the market's potential for exponential growth in the coming years, with forecasts indicating a leap to \$31.6 billion by 2029 at a CAGR of 10.6%. What could be the drivers for such an astronomical rise? Increasing use of Nitinol in robotic-assisted surgeries, a focus on patient-specific,

customizable implants, expanding applications in neurovascular and structural heart interventions, and innovative regulatory frameworks are fuelling the uptrend.

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What Are The Core Growth Drivers Of The Nitinol-based Medical Device Market?

Let's delve into some important market drivers. One significant factor propelling the market's

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growth forward is the increasing prevalence of cardiovascular diseases. These conditions, which include coronary artery disease, heart attacks, heart failure, arrhythmias, and stroke, are primarily based on the narrowing or blockage of blood vessels. Nitinol-based medical devices have shown immense effectiveness in managing and treating these conditions, playing a key role in driving cardiovascular catheters' market.

## Who Are The Key Industry Players Shaping The Nitinol-based Medical Device Market Landscape?

A closer look at the key industry movers and shakers reveals some of the major companies operating in the Nitinol-based medical device market size. These include Medtronic plc, Zimmer Biomet Holdings, Ametek Inc., Arthrex, Teleflex Incorporated, Nordson Medical, Cook Medical, Cordis, Seis Medical, Fort Wayne Metals, Confluent Medical Technologies, Norman Noble Inc., Endologix, Resonetics, GEE Nitinol, Balton, EndoSmart GmbH, Ingpuls Medical, Vascotube, Metalwerks PMD.

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## How Is the Global Nitinol-based Medical Device Market Segmented?

The Nitinol-based medical device market is segmented by product type, application, end-use with subsegments providing deeper insights into each category of the market:

- 1 By Product Type: Stents, Guidewires, Retriever Device, Catheters, Other Product Types
- 2 By Application: Cardiovascular, Urology, Dentistry, Other Applications
- 3 By End Use: Hospitals, Ambulatory Surgical Centers, Specialty Clinics, Other End Users

### Subsegments:

- 1 By Stents: Peripheral Stents, Coronary Stents, Neurovascular Stents, Other Stents
- 2 By Guidewires: Diagnostic Guidewires, Interventional Guidewires
- 3 By Retriever Devices: Thrombectomy Devices, Foreign Body Retrieval Devices
- 4 By Catheters: Balloon Catheters, Guiding Catheters, Microcatheters, Diagnostic Catheters
- 5 By Other Product Types: Orthodontic Archwires, Orthopedic Devices, Embolic Protection Devices, Other Specialized Devices

## What Are The Regional Insights Of The Nitinol-based Medical Device Market?

Taking a zoomed-out, global look, we notice that North America was the largest region in the Nitinol-based medical device market in 2024. Asia-Pacific, on the other hand, is expected to emerge as the fastest-growing region in the forecast period, while the report also covers other important regions including Western Europe, Eastern Europe, South America, Middle East, Africa.

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