

# Global Cardiac Catheters and Guidewires Market 2023

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## Abstracts

### Description

Recent market forecasts project the global cardiac catheters and guidewires industry will undertake meaningful expansion in the coming years. Revenues are anticipated to grow by approximately \$5.3 billion through 2029, representing a solid compound annual growth rate of nearly 7% over this period.

Underlying demand drivers center around rising worldwide prevalence of cardiovascular diseases, which remain the primary cause of mortality globally each year. Heart conditions necessitating minimally invasive diagnostic and interventional procedures effectively establish cardiac catheters and guidewires as indispensable tools within modern cardiology.

Ranging from angiography and angioplasty to electrophysiology studies and peripheral interventions, these devices enable treatment of an extensive scope of cardiac, coronary and vascular ailments as alternatives to open-heart surgeries. Reduced invasiveness corresponds to faster recovery times, decreased hospital stays and overall health system cost savings relative to traditional surgical management.

As populations age and lifestyle-linked risk factors like obesity, diabetes and sedentary behaviors escalate cardiovascular disease incidence, catheterization lab resource requirements and number of patients amenable to less traumatic catheter-based therapies will concordantly multiply. This macro trend forms the foundation sustaining projected industry gains.

### Market Segmentation

This comprehensive industry report provides market estimates and forecasts,

accompanied by a detailed examination of the product, end user, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from market trends and the approaches of leading competitors.

- **Product:** cardiac catheters (Cardiac catheters: electrophysiology (EP) catheters, PTCA balloon catheters, IVUS catheters, PTA balloon catheters, guide extension catheters, others), cardiac guidewires
- **End user:** hospitals, ambulatory surgical centers (ASCs)
- **Region:** Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America

The global market for cardiac catheters and guidewires can be segmented by product: cardiac catheters, cardiac guidewires. The cardiac catheters market is further segmented into electrophysiology (EP) catheters, PTCA balloon catheters, IVUS catheters, PTA balloon catheters, guide extension catheters, others.

Cardiac catheters encompass a diversity of specialized tools pivotal to modern cardiology. Electrophysiology catheters map electrical conduction for arrhythmia treatment, while PTCA/PTA balloon variants restore lumen patency through angioplasty and stent placement procedures. Intravascular ultrasound imaging catheters provide high resolution vessel evaluations, and guiding extension catheters facilitate smooth navigation of complex vasculature. Collectively, such devices form the technological backbone of coronary interventions, heart failure management through ventriculography, and assessment of valvular abnormalities.

Their definitive role in revascularization through techniques like percutaneous coronary intervention insures ongoing market precedence. Beyond opening obstructed arteries, new drug-eluting varieties now combat progression of vulnerable plaques to prevent future events as well. Meanwhile, cardiac guidewires act as integral structural conduits during catheterization, aiding traversal of tortuous passageways and proper device positioning for circumferential diagnostic assessment or interventional tasks.

Continuous enhancements to material composition, lubricity, steerability and tip configurations tailored to specific vascular districts or clinical scenarios augur further progress and adaptation among operators. Together, cardiac guidewires assume

growing importance as frontier cardiovascular problems evolve. As non-surgical alternatives for an expanding scope of cardiac illnesses are established, corresponding technologies bring minimally invasive solutions into the mainstream, consolidated demand for catheters and guidewires as the core implementational apparatus driving future market expansion.

The cardiac catheters and guidewires market can also be analyzed geographically. In 2022, North America represented the largest regional market. Several factors support ongoing leadership, including high healthcare spending per capita and established reimbursement frameworks facilitating utilization. Additionally, North America boasts a culture of readily adopting emerging techniques. Cardiac catheterization is routinely performed in primary care settings for diagnostic and interventional procedures as comfort and familiarity increase among providers and patients alike. Streamlined approval pathways further expedite access to state-of-the-art solutions.

Substantial chronic disease prevalence also drives demand. As the global leader in per capita medical innovation expenditures, the region confronts disproportionately high incidences of conditions like heart disease and diabetes. The CDC reports over 800,000 annual heart attacks in the United States alone. Such statistics reinforce the entrenched need for minimally invasive cardiology resources.

Meanwhile, Asia Pacific is projected to expand at the fastest pace globally on the back of socioeconomic changes and their public health effects. Nations like India and China harbor large populations confronting escalating diabetes prevalence as lifestyles transition rapidly. The WHO estimates over 1.5 million diabetes deaths annually in this pocket of Asia. As the region's middle classes and elderly cohorts grow in the coming decades, managing cardiovascular complications of diabetes will necessitate amplified diagnostic catheterization and interventional capabilities. Early investments in healthcare infrastructure now aim to preempt the projected 20% incidence rates of diabetes and heart disease forecast by 2025.

### Major Companies and Competitive Landscape

The report explores the recent developments and profiles of key vendors in the Global Cardiac Catheters and Guidewires Market, including Abbott Laboratories, ASAHI INTECC Co., Ltd., B. Braun Melsungen AG, Biotronik SE & Co. KG, Boston Scientific Corporation, Cordis Corporation (Cardinal Health, Inc.), Lepu Medical Technology (Beijing) Co., Ltd., Medtronic plc, QXMedical, LLC, Sahajanand Medical Technologies Ltd (SMT), Teleflex Incorporated, Terumo Corporation, among others. In this report, key

players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

### Scope of the Report

To analyze and forecast the market size of the global cardiac catheters and guidewires market.

To classify and forecast the global cardiac catheters and guidewires market based on product, end user, region.

To identify drivers and challenges for the global cardiac catheters and guidewires market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global cardiac catheters and guidewires market.

To identify and analyze the profile of leading players operating in the global cardiac catheters and guidewires market.

### Why Choose This Report

Gain a reliable outlook of the global cardiac catheters and guidewires market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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