

# Atherectomy Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A73A398F2FEFEN.html>

Date: November 2023

Pages: 140

Price: US\$ 2,499.00 (Single User License)

ID: A73A398F2FEFEN

## Abstracts

The global atherectomy devices market size reached US\$ 930 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,260 Million by 2028, exhibiting a growth rate (CAGR) of 5.2% during 2022-2028.

Atherectomy devices refer to various minimally invasive (MI) instruments used for peripheral vascular intervention procedures. They are designed to re-establish blood flow in the arteries by drilling, grinding, shaving, sanding and vaporizing plaque, calcifying lesions and excessive cellular material. Some of the commonly used atherectomy devices include direction, orbital, photo-ablative, rotational and support atherectomy devices. The devices consist of a rotating blade inside a tubular catheter attached to a battery-operated motor that spins the cutter and removes the plaque or calcified lesion. As a result, atherectomy devices find extensive applications in hospitals, surgical centers and ambulatory care centers.

The increasing prevalence of peripheral artery disease (PAD), atherosclerosis, diabetes and obesity, along with the rising geriatric population across the globe, represent as the key factors driving the growth of the market. Furthermore, the growing preference for MI atherectomy surgical procedures among both patients and healthcare providers is creating a positive outlook for the market. These devices reduce the risks of infections, cause minimal pain and trauma during the surgery and facilitate faster recovery of the patient. Additionally, various product innovations, such as the development of drug-coated balloons (DCB), are acting as other growth-inducing factors. DCBs are used in place of permanent implants with directional atherectomy and anti-restenosis therapy (DAART) to deliver anti-proliferative drugs and treat lesions with severe calcifications. Other factors, including extensive research and development (R&D) activities, along with improvements in the healthcare infrastructure, are anticipated to drive the market further.

### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global atherectomy devices market report, along with forecasts at the global, regional and country levels from 2023-2028. Our report has categorized the market based on product, application and end user.

#### Breakup by Product:

- Directional Atherectomy Devices
- Orbital Atherectomy Devices
- Photo-Ablative Atherectomy Devices
- Rotational Atherectomy Devices
- Support Devices

#### Breakup by Application:

- Peripheral Vascular
- Cardiovascular
- Neurovascular

#### Breakup by End User:

- Hospitals
- Ambulatory Surgery Centers
- Research Laboratories and Academic Institutes

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia Pacific
  - China
  - Japan
  - India
  - South Korea
  - Australia
  - Indonesia
  - Others
- Europe
  - Germany
  - France
  - United Kingdom
  - Italy
  - Spain
  - Russia
  - Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Abbott Laboratories, Avinger, B. Braun Melsungen AG, Biomerics, Biotronik, Boston Scientific Corporation, C.R. Bard (Becton, Dickinson and Company), Cardinal Health, Koninklijke Philips N.V., Medtronic, Minnetronix Inc., Straub Medical AG (Becton, Dickinson and Company) and Terumo Corporation.

Key Questions Answered in This Report

1. What was the size of the global atherectomy devices market in 2022?
2. What is the expected growth rate of the global atherectomy devices market during 2023-2028?
3. What has been the impact of COVID-19 on the global atherectomy devices market?
4. What are the key factors driving the global atherectomy devices market?
5. What is the breakup of the global atherectomy devices market based on the product?
6. What is the breakup of the global atherectomy devices market based on the application?
7. What is the breakup of the global atherectomy devices market based on the end user?
8. What are the key regions in the global atherectomy devices market?
9. Who are the key players/companies in the global atherectomy devices market?

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