

# **Global Fractional Flow Reserve Market Size study & Forecast, by Technology (Invasive Monitoring and Non- Invasive Monitoring), by Application (Single-Vessel Diseases and Multi-Vessel Diseases) and Regional Analysis, 2022-2029**

<https://marketpublishers.com/r/G9D2240276ADEN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9D2240276ADEN

## **Abstracts**

Global Fractional Flow Reserve Market is valued approximately USD 736.9 million in 2021 and is anticipated to grow with a healthy growth rate of more than 10.5% over the forecast period 2022-2029. Fractional Flow reserve (FFR) is a procedure based on guidewire which can approximately measure the blood pressure and flow via specific part of the coronary artery. This is considered as an appropriate approach to determine when the angiogram clearly determines either a normal or severely blocked vessel. The Fractional Flow Reserve market is expanding because of factors such as increasing cases of cardiovascular diseases and growing Geriatric Population.

According to British Heart Foundation, more than one fourth of the deaths in UK are due to CVD, accounting around 3.9 million deaths each year. The total cost of premature death, lost productivity, hospital, and prescriptions relating to CVD are estimated to be USD 48 billion. Moreover, in coronary heart diseases are the leading cause for deaths in U.K. and nearly one in six men and one in ten women die from coronary heart disease. Hence, the adoption of fractional flow reserve would impact the outcomes and treatment plans in patients with coronary artery disease and acute coronary syndrome. According to the World Bank Group, the world old population was 727 million in 2020, and it is predicted to treble over the next three decades, reaching 1.5 billion in 2050. Another important component driving space increasing R&D investment for the development of cost-effective novel equipment. According to Statista, in 2020, the market of cardiopulmonary resuscitation devices used in hospitals and clinics worldwide was valued at approximately USD 60 million, while the market of those used in cardiac

catheterization laboratories was worth USD 48 million. By 2027, the market in hospitals and clinics was forecast to be worth over 136 million U.S. dollars. However, reluctance of interventional cardiologists to adopt FFR stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Fractional Flow Reserve Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the well-established healthcare sector, ongoing research activities, increasing prevalence of CVD and lifestyle diseases. According to the Statista, Total revenue of North America region in Medical segment is projected to reach USD 206.80 million in 2022 and expected to show an annual growth rate of 6.77% in between 2023 to 2027, resulting in a projected market volume of USD 278.00 million by 2026. Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising geriatric and target populations, and an initiative taken by the government for the development of health care systems in the market space.

Major market player included in this report are:

Abbott Laboratories  
Koninklijke Philips N.V.  
Boston Scientific Corporation  
Acist Medical Systems  
Opsens  
Heartflow, Inc.  
Siemens Healthineers  
Pie Medical Imaging  
Cathworks  
Medis Medical Imaging Systems BV

Recent Developments in the Market:

In Jan 2023, Abbott Laboratories announced FDA approval for its transcatheter aortic valve replacement (TAVR) system, Navitor, for the treatment of severe aortic stenosis. Its unique features include a fabric cuff—the NaviSeal—to prevent paravalvular leak and a self-expanding leaflet system that allows easy access to the coronary vessels.

Global Fractional Flow Reserve Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Technology, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology

Invasive Monitoring

Non-Invasive Monitoring

By Application

Single-Vessel Diseases

Multi-Vessel Diseases

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China  
India  
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Australia  
South Korea  
RoAPAC  
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Brazil  
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RoLA  
Rest of the World

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