

# Global Fractional Flow Reserve Market Growth 2019-2024

https://marketpublishers.com/r/G162875D986EN.html

Date: February 2019 Pages: 138 Price: US\$ 3,660.00 (Single User License) ID: G162875D986EN

# **Abstracts**

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Fractional flow reserve (FFR) is a technique used in coronary catheterization to measure pressure differences across a coronary artery stenosis (narrowing, usually due to atherosclerosis) to determine the likelihood that the stenosis impedes oxygen delivery to the heart muscle (myocardial ischemia).

FFR is a novel and potentially clinically useful mathematical solution for estimation of stenotic coronary artery atherosclerosis. Reliability/collaborative measurement between capable laboratories in measuring this essential metric appears muddled in a proprietary race to claim cardiac mathematics dedicated to risk in ischemic cardiac disease. Proprietary claims of cardiac mathematics have not been previously argued in patent law.

Fractional Flow Reserve are widely used for multi-vessel disease and single-vessel disease. The most proportion of Fractional Flow Reserve is used for multi-vessel disease, and the proportion in 2017 is 63% with the highest growth rate during 2012 to 2016.

North America is the largest consumption place, with a consumption market share nearly 47% in 2017. Following North America, Europe is the second largest consumption place with the consumption market share of 27%.

Market competition is intense. Philips, Abbott, Boston Scientific, Bracco, Opsens, etc. are the leaders of the industry, and they hold key technologies and patents, with highend customers; have been formed in the monopoly position in the industry.



According to this study, over the next five years the Fractional Flow Reserve market will register a 10.7% CAGR in terms of revenue, the global market size will reach US\$ 970 million by 2024, from US\$ 530 million in 2019. In particular, this report presents the global market share (sales and revenue) of key companies in Fractional Flow Reserve business, shared in Chapter 3.

This report presents a comprehensive overview, market shares, and growth opportunities of Fractional Flow Reserve market by product type, application, key manufacturers and key regions and countries.

This study considers the Fractional Flow Reserve value and volume generated from the sales of the following segments:

Segmentation by product type: breakdown data from 2014 to 2019, in Section 2.3; and forecast to 2024 in section 11.7.

Multi-vessel Disease

Single-vessel Disease

Segmentation by application: breakdown data from 2014 to 2019, in Section 2.4; and forecast to 2024 in section 11.8.

Cardiology

Coronary Artery Disease

This report also splits the market by region: Breakdown data in Chapter 4, 5, 6, 7 and 8.

Americas

United States

Canada

Mexico



Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel



Turkey

**GCC** Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report: Breakdown data in in Chapter 3.

Philips
Abbott
Boston Scientific
Bracco
Opsens

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Fractional Flow Reserve consumption (value & volume) by key regions/countries, product type and application, history data from 2014 to 2018, and forecast to 2024.

To understand the structure of Fractional Flow Reserve market by identifying its various subsegments.

Focuses on the key global Fractional Flow Reserve manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.



To analyze the Fractional Flow Reserve with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Fractional Flow Reserve submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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