

# Latin America, Middle East & Africa Fractional Flow Reserve Market (2019-2025)

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## Abstracts

The LAMEA Fractional Flow Reserve Market is expected to grow at a CAGR of 11.2% during 2019 -2025. The Brazil market dominated the LAMEA Meal Replacement Products Market by Country 2018, thereby, growing at a CAGR of 6.9 % during the forecast period.

FFR facilitates the effects of a narrowed vessel to be estimated in real-time and enables simultaneous treatment with balloon dilatation and stenting. That being said, FFR is an invasive procedure for which there are non-invasive (less drastic) options, such as testing for cardiac stress. In this procedure, physical exercise or intravenous treatment is used to increase the workload and oxygen demand of the heart muscle, and ischemia is detected using ECG fluctuations or nuclear imaging.

Fractional flow reserve (FFR) is a coronary artery perfusion physiological measurement. Studies have shown its utility in reducing costs and improving outcomes for patients undergoing elective coronary angiography, although follow-up studies have shown low adoption regionally. All statistically significant predictors for FFR use are age, gender, race, previous stress testing, and the country's area.

For cases of cardiovascular diseases like coronary artery diseases and high blood pressure, an upswing has occurred, which persists to be a key factor for market growth. As per the American College of Cardiology (ACC), in 2017, nearly 31.0 percent of all deaths worldwide were caused by cardiovascular diseases.

In the year 2016, industry participants like Opsens Medical diverted net proceeds earnings towards R&D, commercialization, and marketing of its fractional flow reserve. Therefore, an increase in the research-centered investments to develop novel cost-efficient equipment is anticipated to bode well for the market.

On the contrary, market giants like B. Braun Melsungen, Medtronic plc, Siemens and Terumo Medical Corporation might come forth as potential market entrants with the product launch of allied products used for FFR. As an example, in 2019, Siemens

Healthineers launched Sensis Vibe CTx. It was capable of generating the required data for CT based FFR. This initiative was under the expectation of gaining more visibility in the FFR and OCT market situation.

Based on Product, the market is segmented into FFR guidewires and FFR Monitoring Systems. Based on Application, the market is segmented into Multi-Vessel Coronary Artery Disease and Single-Vessel Coronary Artery Disease. The report also covers geographical segmentation of LAMEA Fractional Flow Reserve market. The countries included in the report are Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria and Rest of LAMEA.

Key companies profiled in the report include Medtronic PLC, Terumo Corporation, B. Braun Melsungen AG, General Electric (GE) Co, Siemens AG (Siemens Healthineers), Koninklijke Philips N.V., Boston Scientific Corporation, Abbott Laboratories, Bracco S.p.A. and Opsens, Inc.

#### Scope of the Study

#### Market Segmentation:

##### By Product

FFR guidewires and

FFR Monitoring Systems

##### By Application

Multi-Vessel Coronary Artery Disease and

Single-Vessel Coronary Artery Disease

##### By Country

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

### Companies Profiled

Medtronic PLC

Terumo Corporation

B. Braun Melsungen AG

General Electric (GE) Co

Siemens AG (Siemens Healthineers)

Koninklijke Philips N.V.

Boston Scientific Corporation

Abbott Laboratories

Bracco S.p.A. and

Opsens, Inc.

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