

# Asia Pacific Fractional Flow Reserve Market (2019-2025)

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## Abstracts

The Asia Pacific Fractional Flow Reserve Market is expected to grow at a CAGR of 11.5% during 2019 -2025. The China market dominated the Asia Pacific Fractional Flow Reserve Market by Country 2018, thereby, growing at a CAGR of 9.1 % during the forecast period.

The Asia Pacific fractional flow reserve market will continue to see a significant rise in the years ahead due to increased cases of diabetes and cardiovascular disease and also due to a surge in disposable income. Furthermore, it is also projected that the introduction of favorable laws for medical devices would encourage the growth of the regional market. For example, an agreement was signed in Korea on 15 March 2012. This agreement made medical devices duty-free, thus increasing their adoption rate. Measurements of fractional flow reserve (FFR) can determine the hemodynamic meaning of coronary artery stenoses. In the absence of non-invasive ischemia data, current guidelines suggest their use in lesions. The prognostic effect of FFR has been tested in randomized trials and it has been shown that revascularization can be safely deferred when FFR is beyond 0.80. The revascularization of stenoses with FFR values is somewhat lower than medical treatment.

Aorto-ostial lesions left main stenoses, and also patients with left ventricular hypertrophy & severely-impaired ejection fraction are excluded from large, randomized trials. The measurements derived through FFR are relatively convenient to perform. However, the uncertainty about procedural logistics and data acquisition and interpretation in specific situations can explain why they are not used extensively in clinical practice.

Due to the introduction of technologically advanced monitoring systems, FFR monitoring systems are expected to witness lucrative growth. Fysicon, for example, launched QMAPP Hemodynamic Monitoring System posting the U.S. FDA in 2017. This system has critical parameters for patient tracking as well as 32 intracardiac bipolar channels

for electrophysiology procedures.

FFR guide wires accounted for a dominant market share in 2018 due to their widespread use in diagnostic cardiovascular procedures. This segment is expected to have a stable CAGR over the forecast period due to the increased use of coronary artery disease diagnosis worldwide. For example, according to the Centers for Disease Control and Prevention (CDC), in 2015, nearly 370,000 people died of coronary artery disease in the United States. In addition, elderly people are more prone to heart disorders. The growing population of geriatrics, therefore, supports the development of the segment.

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 Asia Pacific Fractional Flow Reserve market. The countries included in the report are China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia Pacific.

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

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

#### 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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