

# **LAMEA Brain PET-MRI Systems Market By Phase Type (Pre-clinical and Clinical), By End User (Hospitals, Diagnostic imaging centers and Other End Users), By Product (Helium-free PET/MRI Systems, Traditional PET-MRI System), By Country, Industry Analysis and Forecast, 2020 - 2026**

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## **Abstracts**

The Latin America, Middle East and Africa Brain PET-MRI Systems Market would witness market growth of 8.9% CAGR during the forecast period (2020-2026).

PET-MRI frameworks that are helium free are anticipated to develop at the highest rate during the forecast period. The related expense of helium gets deducted during the growth and use of these devices, which is anticipated to affect its adoption. Additionally, to overcome such difficulties related to customary brain PET-MRI frameworks, market players are concentrating on improving the development of PET-MRI frameworks that are helium-free. Market players, for example, MR Solutions and GE Healthcare are concentrating on creating helium-free MRI machines, which, later can be coordinated with PET frameworks to build up a helium-free PET-MRI machine. Presently, these players are creating pre-clinical PET-MRI frameworks that are helium-free to comprehend its adequacy in the field of neurology.

Regardless of the numerous benefits of brain PET-MRI frameworks in the field of neurology, the advancement of this device includes different challenges. The three significant challenges confronted while consolidating PET MRI units are-setting PET framework with photomultiplier tubes (PMTs) into a high magnetic field, proper construction of PET-MRI framework, and creating attenuation maps for PET pictures. Different issues are around the magnetic field are created by PET detector components and consequently influence the performance of the device.

Makers of PET MRI scanners are moving to innovations and item particulars that will in

general consume lesser efforts for production and offer non-invasive diagnosis, reliability of the screening results and testing with lesser tracer doses and low ionizing radiation exposure as observed in PET/CT scanners or invasive staging methodology like a biopsy. Workflow management that was known as an obstructing factor in working of customary modalities like PET/CT or sequential PET/MRI scanners because of the need for moving patients starting with one device then to the next is overcome.

Based on Phase Type, the market is segmented into Pre-clinical and Clinical. Based on End User, the market is segmented into Hospitals, Diagnostic imaging centers and Other End Users. Based on Product, the market is segmented into Helium-free PET/MRI Systems, Traditional PET-MRI System. Based on countries, the market is segmented into Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria, and Rest of LAMEA.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Siemens AG (Siemens Healthineers), Koninklijke Philips N.V., General Electric (GE) Co. (GE Healthcare), Bruker Corporation, Mediso Ltd., MR Solutions Group, Cubresa, Inc. and Aspect Imaging Ltd.

### Scope of the Study

### Market Segmentation:

#### By Phase Type

Pre-clinical

Clinical

#### By End User

Hospitals

Diagnostic imaging centers

Other End Users

## By Product

Helium-free PET/MRI Systems

Traditional PET-MRI System

## By Country

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

## Companies Profiled

Siemens AG (Siemens Healthineers)

Koninklijke Philips N.V.

General Electric (GE) Co. (GE Healthcare)

Bruker Corporation

Mediso Ltd.

MR Solutions Group

Cubresa, Inc.

Aspect Imaging Ltd.

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