

North America 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 North America Brain PET-MRI Systems Market would witness market growth of 7.2% CAGR during the forecast period (2020-2026).

Brain PET-MRI frameworks have created new opportunities in multiparametric neuroimaging and at the same time observing the physiological and biochemical cycles of the brain. Hence, the establishment of devices in different clinical settings is expanding. According to an article by NCBI, by March 2017, roughly 30 PET-MRI scanners were introduced in the U.S. Furthermore, organizations are conducting studies to comprehend the adequacy of MRI-PET scanners on animals and humans. In oncology, the basis for prognostic consideration is formed by staging that directly impacts patient care by deciding the therapeutic methodology. After the successful introduction of PET/CT, the quest for proper PET/MRI instrumentation as another bimodal imaging device was heightened.

Hospitals held the highest share of revenue in 2019 predominantly because of an expanding number of neurological disorders. Around, 500,000 instances of multiple sclerosis, brain tumor, and amyotrophic lateral sclerosis are diagnosed every year. This expansion in neurological cases is increasing the demand for its diagnosis. Consequently, hospitals are introducing brain PET-MRI frameworks regularly to upgrade the diagnosis of neurological disorders. In July 2018, the PET-MRI scanner was introduced at Toronto General Hospital for the identification of cancer, heart disorders, and neurological disorders.



The prominence in the worldwide burden of disease is caused by both the growing number of people affected by neurological disorders and the longevity of affected people living with disability. The growth in numbers of people with such disease would place a heavy burden on societies and their health-care systems and these reasons would drive the growth of brain PET-MRI systems Market in the years to come. Moreover, it is generally accepted that integrated PET/MRI may assume a significant role in the care of children, specifically with cancer, who need to go through repeated diagnostic imaging sessions.

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 U.S., Mexico, Canada, and Rest of North America.

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

US

Canada

Mexico

Rest of North America

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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Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
- 1.4.1 North America Brain PET-MRI Systems Market, by Phase Type
- 1.4.2 North America Brain PET-MRI Systems Market, by End User
- 1.4.3 North America Brain PET-MRI Systems Market, by Product
- 1.4.4 North America Brain PET-MRI Systems Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
 - 2.1.1 Overview
- 2.1.2 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
 - 2.2.1 Market Drivers
 - 2.2.2 Market Restraints

CHAPTER 3. STRATEGIES DEPLOYED IN GLOBAL BRAIN PET-MRI SYSTEMS MARKET

CHAPTER 4. NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE

4.1 North America Pre-clinical Brain PET-MRI Systems Market by Country4.2 North America Clinical Brain PET-MRI Systems Market by Country

CHAPTER 5. NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY END-USER

5.1 North America Hospitals Brain PET-MRI Systems Market by Country

5.2 North America Diagnostic imaging centers Brain PET-MRI Systems Market by Country

5.3 North America Other End Users Brain PET-MRI Systems Market by Country



CHAPTER 6. NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT

- 6.1 North America Helium-free PET/MRI Systems Market by Country
- 6.2 North America Traditional PET-MRI Systems Market by Country

CHAPTER 7. NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY

7.1 US Brain PET-MRI Systems Market 7.1.1 US Brain PET-MRI Systems Market by Phase Type 7.1.2 US Brain PET-MRI Systems Market by End-user 7.1.3 US Brain PET-MRI Systems Market by Product 7.2 Canada Brain PET-MRI Systems Market 7.2.1 Canada Brain PET-MRI Systems Market by Phase Type 7.2.2 Canada Brain PET-MRI Systems Market by End-user 7.2.3 Canada Brain PET-MRI Systems Market by Product 7.3 Mexico Brain PET-MRI Systems Market 7.3.1 Mexico Brain PET-MRI Systems Market by Phase Type 7.3.2 Mexico Brain PET-MRI Systems Market by End-user 7.3.3 Mexico Brain PET-MRI Systems Market by Product 7.4 Rest of North America Brain PET-MRI Systems Market 7.4.1 Rest of North America Brain PET-MRI Systems Market by Phase Type 7.4.2 Rest of North America Brain PET-MRI Systems Market by End-user 7.4.3 Rest of North America Brain PET-MRI Systems Market by Product

CHAPTER 8. COMPANY PROFILES

- 8.1 Siemens AG (Siemens Healthineers)
 - 8.1.1 Company Overview
 - 8.1.2 Financial Analysis
 - 8.1.3 Segmental and Regional Analysis
 - 8.1.4 Research & Development Expense
 - 8.1.5 Recent strategies and developments:
 - 8.1.5.1 Partnerships, Collaborations, and Agreements:
 - 8.1.5.2 Product Launches and Product Expansions:
- 8.2 Koninklijke Philips N.V.
 - 8.2.1 Company Overview



- 8.2.2 Financial Analysis
- 8.2.3 Segmental and Regional Analysis
- 8.2.4 Research & Development Expenses
- 8.2.5 Recent strategies and developments:
 - 8.2.5.1 Acquisition and Mergers:
- 8.3 General Electric (GE) Co. (GE Healthcare)
 - 8.3.1 Company Overview
 - 8.3.2 Financial Analysis
 - 8.3.3 Segmental and Regional Analysis
 - 8.3.4 Research & Development Expense
 - 8.3.5 Recent strategies and developments:
 - 8.3.5.1 Partnerships, Collaborations, and Agreements:
- 8.4 Bruker Corporation
 - 8.4.1 Company Overview
 - 8.4.2 Financial Analysis
 - 8.4.3 Segmental and Regional Analysis
- 8.4.4 Research & Development Expense
- 8.4.5 Recent strategies and developments:
- 8.4.5.1 Acquisition and Mergers:
- 8.5 Mediso Ltd.
- 8.5.1 Company Overview
- 8.6 MR Solutions Group
- 8.6.1 Company Overview
- 8.7 Cubresa, Inc.
 - 8.7.1 Company Overview
 - 8.7.2 Recent strategies and developments:
 - 8.7.2.1 Partnerships, Collaborations, and Agreements:
- 8.8 Aspect Imaging Ltd.
 - 8.8.1 Company Overview



List Of Tables

LIST OF TABLES

TABLE 1 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET, 2016 - 2019, USD MILLION

TABLE 2 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET, 2020 - 2026, USD MILLION

TABLE 3 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2016 - 2019, USD MILLION

TABLE 4 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2020 - 2026, USD MILLION

TABLE 5 NORTH AMERICA PRE-CLINICAL BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 6 NORTH AMERICA PRE-CLINICAL BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 7 NORTH AMERICA CLINICAL BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 8 NORTH AMERICA CLINICAL BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 9 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2016 - 2019, USD MILLION

TABLE 10 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2020 - 2026, USD MILLION

TABLE 11 NORTH AMERICA HOSPITALS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 12 NORTH AMERICA HOSPITALS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 13 NORTH AMERICA DIAGNOSTIC IMAGING CENTERS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 14 NORTH AMERICA DIAGNOSTIC IMAGING CENTERS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 15 NORTH AMERICA OTHER END USERS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 16 NORTH AMERICA OTHER END USERS BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 17 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2016 - 2019, USD MILLION

TABLE 18 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT,



2020 - 2026, USD MILLION TABLE 19 NORTH AMERICA HELIUM-FREE PET/MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION TABLE 20 NORTH AMERICA HELIUM-FREE PET/MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION TABLE 21 NORTH AMERICA TRADITIONAL PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION TABLE 22 NORTH AMERICA TRADITIONAL PET-MRI SYSTEMS MARKET BY COUNTRY, 2020 - 2026, USD MILLION TABLE 23 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY, 2016 - 2019, USD MILLION TABLE 24 NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY COUNTRY. 2020 - 2026, USD MILLION TABLE 25 US BRAIN PET-MRI SYSTEMS MARKET, 2016 - 2019, USD MILLION TABLE 26 US BRAIN PET-MRI SYSTEMS MARKET, 2020 - 2026, USD MILLION TABLE 27 US BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2016 - 2019, **USD MILLION** TABLE 28 US BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2020 - 2026, USD MILLION TABLE 29 US BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2016 - 2019, **USD MILLION** TABLE 30 US BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2020 - 2026, USD MILLION TABLE 31 US BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2016 - 2019, USD MILLION TABLE 32 US BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2020 - 2026, USD MILLION TABLE 33 CANADA BRAIN PET-MRI SYSTEMS MARKET, 2016 - 2019, USD MILLION TABLE 34 CANADA BRAIN PET-MRI SYSTEMS MARKET, 2020 - 2026, USD MILLION TABLE 35 CANADA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2016 -2019, USD MILLION TABLE 36 CANADA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2020 -2026, USD MILLION TABLE 37 CANADA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2016 -2019, USD MILLION TABLE 38 CANADA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2020 -2026, USD MILLION



TABLE 39 CANADA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2016 - 2019, USD MILLION

TABLE 40 CANADA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2020 -2026, USD MILLION

TABLE 41 MEXICO BRAIN PET-MRI SYSTEMS MARKET, 2016 - 2019, USD MILLION TABLE 42 MEXICO BRAIN PET-MRI SYSTEMS MARKET, 2020 - 2026, USD MILLION TABLE 43 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2016 -2019, USD MILLION

TABLE 44 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2020 - 2026, USD MILLION

TABLE 45 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2016 - 2019, USD MILLION

TABLE 46 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2020 - 2026, USD MILLION

TABLE 47 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2016 - 2019, USD MILLION

TABLE 48 MEXICO BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2020 - 2026, USD MILLION

TABLE 49 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET, 2016 - 2019, USD MILLION

TABLE 50 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET, 2020 - 2026, USD MILLION

TABLE 51 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2016 - 2019, USD MILLION

TABLE 52 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PHASE TYPE, 2020 - 2026, USD MILLION

TABLE 53 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2016 - 2019, USD MILLION

TABLE 54 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY END-USER, 2020 - 2026, USD MILLION

TABLE 55 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2016 - 2019, USD MILLION

TABLE 56 REST OF NORTH AMERICA BRAIN PET-MRI SYSTEMS MARKET BY PRODUCT, 2020 - 2026, USD MILLION

TABLE 57 KEY INFORMATION – SIEMENS AG

TABLE 58 KEY INFORMATION – KONINKLIJKE PHILIPS N.V.

TABLE 59 KEY INFORMATION – GENERAL ELECTRIC (GE) CO.

TABLE 60 KEY INFORMATION – BRUKER CORPORATION

TABLE 61 KEY INFORMATION - MEDISO LTD.



TABLE 62 KEY INFORMATION – MR SOLUTIONS GROUP TABLE 63 KEY INFORMATION – CUBRESA, INC. TABLE 64 KEY INFORMATION – ASPECT IMAGING LTD.



List Of Figures

LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH FIG 2 RECENT STRATEGIES AND DEVELOPMENTS: SIEMENS AG



I would like to order

Product name: North America 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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