

Global Positron Emission Tomography Market Size study & Forecast, by Product (PET/CT Systems, PET/MRI Systems) by Application (Oncology Applications, Neurological Applications, Cardiovascular Applications, Other Applications), by End User (Hospital & Surgical Centers, Diagnostic & Imaging Clinics, Ambulatory Care Centers, Other End Users) and Regional Analysis, 2023-2030

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Abstracts

Global Positron Emission Tomography Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Positron Emission Tomography (PET) is a mix of nuclear medicine and biochemical analysis that is used to measure the metabolic activity of cells. Through an intravenous (IV) line, an insignificant quantity of radioactive glucose (sugar) is injected into the patient's vein. A scanner and computer are used to create detailed images of places containing glucose. PET is used for the early identification of heart diseases, brain disorders, and cancer. The key factor driving the market growth is the growing target patient population, rising adoption of multimodal PET imaging devices, technological advancements in radiopharmaceuticals and PET systems, and rising investments, funds, and grants by public-private organizations that are anticipated to create the lucrative demand for the market.

Moreover, the rising prevalence of cardiovascular diseases has significantly contributed to the growth of the Positron Emission Tomography (PET) market. PET imaging plays a crucial role in the diagnosis and management of cardiovascular diseases. It provides detailed functional and anatomical information about the heart and blood vessels,

allowing for the early detection and assessment of cardiovascular conditions. Thus, the rising prevalence of cardiovascular diseases is anticipated to support market growth. according to the research study published in December 2021, by Elsevier, for older people aged 45 and above, the overall self-reported prevalence of CVDs was 29.4%. The prevalence rate increased with age, from 22% in the 45–54 age group to 38% in the 70+ age group, showing that the old age population is at high risk of having CVDs. Additionally, the rising use of PET in breast cancer detection and improving healthcare infrastructure across emerging economies is anticipated to create a lucrative opportunity for the market during the forecast period. However, the availability of alternate imaging technologies stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Positron Emission Tomography Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing geriatric population, focus on reducing healthcare costs and government investments, and increasing prevalence of cancer in the region. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising adoption of advanced technologies, improving healthcare infrastructure, presence of advanced healthcare system, and rising investments in research and development.

Major market player included in this report are:

G.E. Healthcare

Toshiba Corporation

Koninklijke Philips N.V.

Siemens Healthineers

Hitachi Medical Corporation

Positron Corporation

Mediso Ltd.

Yangzhou Kindsway Biotech Co., Ltd

Agfa Healthcare

Neusoft Corporation

Recent Developments in the Market:

In Aug. 2022, Positron Corporation, a nuclear medicine PET imaging device system and clinical services provider, had ordered its first PET-CT system from Neusoft Medical Systems. Positron's 'Affinity PET-CT' equipment is on its way from China to its US validation partner.

Global Positron Emission Tomography Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Product, Application, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

PET/CT Systems

PET/MRI Systems

By Application:

Oncology Applications

Neurological Applications

Cardiovascular Applications

Other Applications

By End User:

Hospital & Surgical Centers

Diagnostic & Imaging Clinics

Ambulatory Care Centers

Other End Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Positron Emission Tomography Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Positron Emission Tomography Market, by Product, 2020-2030 (USD Billion)
 - 1.2.3. Positron Emission Tomography Market, by Application, 2020-2030 (USD Billion)
 - 1.2.4. Positron Emission Tomography Market, by End User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET DYNAMICS

- 3.1.1. Market Drivers
 - 3.1.1.1. Growing target patient population
 - 3.1.1.2. Increasing adoption of multimodal PET imaging devices
 - 3.1.1.3. Technological advancements in radiopharmaceuticals and PET systems
- 3.1.2. Market Challenges
 - 3.1.2.1. Availability of alternate imaging technologies
- 3.1.3. Market Opportunities
 - 3.1.3.1. Rising use of PET in breast cancer detection
 - 3.1.3.2. Improving healthcare infrastructure across emerging economies

CHAPTER 4. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET, BY PRODUCT

- 5.1. Market Snapshot
- 5.2. Global Positron Emission Tomography Market by Product, Performance - Potential Analysis
- 5.3. Global Positron Emission Tomography Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4. Positron Emission Tomography Market, Sub Segment Analysis
 - 5.4.1. PET/CT Systems
 - 5.4.2. PET/MRI Systems

CHAPTER 6. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Positron Emission Tomography Market by Application, Performance - Potential Analysis

6.3. Global Positron Emission Tomography Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4. Positron Emission Tomography Market, Sub Segment Analysis

6.4.1. Oncology Applications

6.4.2. Neurological Applications

6.4.3. Cardiovascular Applications

6.4.4. Other Applications

CHAPTER 7. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET, BY END USER

7.1. Market Snapshot

7.2. Global Positron Emission Tomography Market by End User, Performance - Potential Analysis

7.3. Global Positron Emission Tomography Market Estimates & Forecasts by End User 2020-2030 (USD Billion)

7.4. Positron Emission Tomography Market, Sub Segment Analysis

7.4.1. Hospital & Surgical Centers

7.4.2. Diagnostic & Imaging Clinics

7.4.3. Ambulatory Care Centers

7.4.4. Other End Users

CHAPTER 8. GLOBAL POSITRON EMISSION TOMOGRAPHY MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Positron Emission Tomography Market, Regional Market Snapshot

8.4. North America Positron Emission Tomography Market

8.4.1. U.S. Positron Emission Tomography Market

8.4.1.1. Product breakdown estimates & forecasts, 2020-2030

8.4.1.2. Application breakdown estimates & forecasts, 2020-2030

8.4.1.3. End User breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Positron Emission Tomography Market

8.5. Europe Positron Emission Tomography Market Snapshot

8.5.1. U.K. Positron Emission Tomography Market

8.5.2. Germany Positron Emission Tomography Market

8.5.3. France Positron Emission Tomography Market

8.5.4. Spain Positron Emission Tomography Market

- 8.5.5. Italy Positron Emission Tomography Market
- 8.5.6. Rest of Europe Positron Emission Tomography Market
- 8.6. Asia-Pacific Positron Emission Tomography Market Snapshot
 - 8.6.1. China Positron Emission Tomography Market
 - 8.6.2. India Positron Emission Tomography Market
 - 8.6.3. Japan Positron Emission Tomography Market
 - 8.6.4. Australia Positron Emission Tomography Market
 - 8.6.5. South Korea Positron Emission Tomography Market
 - 8.6.6. Rest of Asia Pacific Positron Emission Tomography Market
- 8.7. Latin America Positron Emission Tomography Market Snapshot
 - 8.7.1. Brazil Positron Emission Tomography Market
 - 8.7.2. Mexico Positron Emission Tomography Market
- 8.8. Middle East & Africa Positron Emission Tomography Market
 - 8.8.1. Saudi Arabia Positron Emission Tomography Market
 - 8.8.2. South Africa Positron Emission Tomography Market
 - 8.8.3. Rest of Middle East & Africa Positron Emission Tomography Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. G.E. Healthcare
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Toshiba Corporation
 - 9.3.3. Koninklijke Philips N.V.
 - 9.3.4. Siemens Healthineers
 - 9.3.5. Hitachi Medical Corporation
 - 9.3.6. Positron Corporation
 - 9.3.7. Mediso Ltd.
 - 9.3.8. Yangzhou Kindsway Biotech Co., Ltd
 - 9.3.9. Agfa Healthcare

9.3.10. Neusoft Corporation

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

12. List of Tables

TABLE 1. Global Positron Emission Tomography Market, report scope

TABLE 2. Global Positron Emission Tomography Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3. Global Positron Emission Tomography Market estimates & forecasts by Product 2020-2030 (USD Billion)

TABLE 4. Global Positron Emission Tomography Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5. Global Positron Emission Tomography Market estimates & forecasts by End User 2020-2030 (USD Billion)

TABLE 6. Global Positron Emission Tomography Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Positron Emission Tomography Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Positron Emission Tomography Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Positron Emission Tomography Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Positron Emission Tomography Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Positron Emission Tomography Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Positron Emission Tomography Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Positron Emission Tomography Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Positron Emission Tomography Market by segment, estimates &

forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Positron Emission Tomography Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. RoE Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Positron Emission Tomography Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 54. Australia Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Positron Emission Tomography Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Positron Emission Tomography Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Positron Emission Tomography Market

TABLE 71. 12. List of primary sources, used in the study of global Positron Emission Tomography Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

12. List of figures

FIG 1. Global Positron Emission Tomography Market, research methodology

FIG 2. Global Positron Emission Tomography Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Positron Emission Tomography Market, key trends 2022

FIG 5. Global Positron Emission Tomography Market, growth prospects 2023-2030

FIG 6. Global Positron Emission Tomography Market, Porter's 5 force model

FIG 7. Global Positron Emission Tomography Market, PEST analysis

FIG 8. Global Positron Emission Tomography Market, value chain analysis

FIG 9. Global Positron Emission Tomography Market by segment, 2020 & 2030 (USD Billion)

FIG 10. Global Positron Emission Tomography Market by segment, 2020 & 2030 (USD Billion)

FIG 11. Global Positron Emission Tomography Market by segment, 2020 & 2030 (USD Billion)

FIG 12. Global Positron Emission Tomography Market by segment, 2020 & 2030 (USD Billion)

FIG 13. Global Positron Emission Tomography Market by segment, 2020 & 2030 (USD Billion)

FIG 14. Global Positron Emission Tomography Market, regional snapshot 2020 & 2030

FIG 15. North America Positron Emission Tomography Market 2020 & 2030 (USD Billion)

FIG 16. Europe Positron Emission Tomography Market 2020 & 2030 (USD Billion)

FIG 17. Asia Pacific Positron Emission Tomography Market 2020 & 2030 (USD Billion)

FIG 18. Latin America Positron Emission Tomography Market 2020 & 2030 (USD Billion)

FIG 19. Middle East & Africa Positron Emission Tomography Market 2020 & 2030 (USD Billion)

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