

Nuclear Medicine Equipment Market by Product Type (SPECT and PET), Application (Neurology, Oncology, Cardiology, and Others), and End User (Hospitals, Imaging Centers, and Academic & Research Institutes) - Global Opportunity Analysis and Industry Forecast, 2014-2022

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Abstracts

Nuclear medicine equipment utilize radioactive substances, which are introduced into the body either intravenously or orally in small quantities, to diagnosis and treat various diseases. These equipment create images by capturing the radiation from these radioactive medicines. This technique is used for early diagnosis of a disease, as it tracks the molecular activities within the body. In addition, it is used to examine immediate response to therapeutic interventions.

The global nuclear medicine equipment market is estimated to reach \$2,647 million by 2022 from \$2,012 million in 2015, growing at a CAGR of 3.9% from 2016 to 2022. Increase in prevalence of cancer, heart-related diseases, and neurological disorders has given rise to the importance of early disease diagnosis, which is expected to positively impact the market growth. The nuclear medicine equipment market is driven by the availability of high-quality equipment, rise in adoption of nuclear medicine equipment, and emergence of innovative & advanced equipment. However, high cost of these equipment and their short half-life, high hospital expense, and high cost related to diagnostic imaging services hinder the market growth.

The nuclear medicine equipment market is segmented based on product, application, end user, and geography. Based on product, the market is bifurcated into single-photon emission computed tomography (SPECT) and positron emission tomography (PET). SPECT is further segmented into standalone and hybrid SPECT, while PET into standalone and hybrid PET. By application, the market is categorized into cardiology,

neurology, oncology, and others. Based on end user, it is classified into hospitals, imaging centers, and academic & research institutes. Geographically, it is analyzed across North America (U.S., Canada, and Mexico), Europe (Germany, France, UK, Italy, Spain, Russia, and rest of Europe), Asia-Pacific (Japan, China, Australia, India, and rest of Asia-Pacific), and LAMEA (Brazil, Turkey, Saudi Arabia, Republic of South Africa, Argentina, and rest of LAMEA).

The key players in the industry have adopted product launch as their key developmental strategy to expand their market foothold. For instance, in November 2016, Philips launched an advanced visual analysis and quantification platform called IntelliSpace Portal 9.0., which assists radiologists to diagnose and monitor the treatment of neurological diseases, such as multiple sclerosis and dementia.

Key market benefits

This report provides a detailed quantitative analysis of the current market trends from 2014 to 2022 to identify the prevailing opportunities.

Market estimations provided in the report are based on comprehensive analysis of the key developments in the industry.

The global market is comprehensively analyzed with respect to product type, application, end user, and geography.

In-depth analysis based on geography helps in understanding the regional market to assist in strategic business planning.

The recent developments and strategies adopted by key manufacturers are enlisted to understand the competitive scenario of the market.

Key market segments

By Product

Single-Photon Emission Computed Tomography (SPECT)

Standalone

Hybrid

Positron Emission Tomography (PET)

Standalone

Hybrid

By Application

Neurology

Oncology

Cardiology

Others

By End User

Hospitals

Imaging Centers

Academic & Research Institutes

By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

Rest of Asia-Pacific

LAMEA

Brazil

Turkey

Saudi Arabia

Republic of South Africa

Argentina

Rest of LAMEA

The key players in the global nuclear medicine equipment market include:

General Electric Company

Koninklijke Philips N.V.

Siemens Aktiengesellschaft

Digirad Corporation

Mediso Medical Imaging Systems, Ltd.

Toshiba Corporation

Bozlu Holding

Neusoft Corporation

Compañía Mexicana de Radiología CGR, S.A de C.V.

SurgicEye GmbH

The other players include (companies not profiled in the report):

CMR Naviscan Corporation

DDD-Diagnostic A/S

Positron Corporation

TeraRecon, Inc.

Contents

CHAPTER: 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
 - 1.4.1. Secondary research
 - 1.4.2. Primary research
 - 1.4.3. Analyst tools & models

CHAPTER: 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER: 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITIONS AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top investment pockets
 - 3.2.2. Top winning strategies
- 3.3. GOVERNMENT REGULATIONS
 - 3.3.1. U.S. FDA
 - 3.3.2. Europe CE Mark
 - 3.3.3. Ministry of Health, Labor, and Welfare (MHLW)
- 3.4. REIMBURSEMENT SCENARIOS
- 3.5. CLINICAL TRIALS
- 3.6. MARKET DYNAMICS
 - 3.6.1. Drivers
 - 3.6.1.1. Rise in prevalence of chronic diseases
 - 3.6.1.2. Efficient and convenient technique
 - 3.6.1.3. Growing awareness
 - 3.6.2. Restraints
 - 3.6.2.1. Budget constraints
 - 3.6.2.2. Lack of trained professionals
 - 3.6.3. Opportunities
 - 3.6.3.1. Technological advancements
 - 3.6.3.2. Development of skilled professionals

CHAPTER: 4 GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE

4.1. OVERVIEW

4.2. MARKET SIZE AND FORECAST

4.3. SPECT

4.3.1. Key market trends

4.3.2. Key growth factors and opportunities

4.3.3. Market size and forecast

4.3.4. Standalone SPECT

4.3.4.1. Market size and forecast

4.3.5. Hybrid SPECT

4.3.5.1. Market size and forecast

4.4. PET

4.4.1. Key market trends

4.4.2. Key growth factors and opportunities

4.4.3. Market size and forecast

4.4.4. Standalone PET

4.4.4.1. Market size and forecast

4.4.5. Hybrid PET

4.4.5.1. Market size and forecast

CHAPTER: 5 GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION

5.1. OVERVIEW

5.2. MARKET SIZE AND FORECAST

5.3. NEUROLOGY

5.3.1. Market size and forecast

5.4. ONCOLOGY

5.4.1. Market size and forecast

5.5. CARDIOLOGY

5.5.1. Market size and forecast

5.6. OTHERS

5.6.1. Market size and forecast

CHAPTER: 6 NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER

- 6.1. OVERVIEW
- 6.2. MARKET SIZE AND FORECAST
- 6.3. HOSPITALS
 - 6.3.1. Market size and forecast
- 6.4. IMAGING CENTERS
 - 6.4.1. Market size and forecast
- 6.5. ACADEMIC AND RESEARCH INSTITUTES
 - 6.5.1. Market size and forecast

CHAPTER: 7 GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY GEOGRAPHY

- 7.1. OVERVIEW
- 7.2. MARKET SIZE AND FORECAST
- 7.3. NORTH AMERICA
 - 7.3.1. Key market trends
 - 7.3.2. Key growth factors and opportunities
 - 7.3.3. Market size and forecast
 - 7.3.4. U.S.
 - 7.3.5. Canada
 - 7.3.6. Mexico
- 7.4. EUROPE
 - 7.4.1. Key market trends
 - 7.4.2. Key growth factors and opportunities
 - 7.4.3. Market size and forecast
 - 7.4.4. Germany
 - 7.4.5. France
 - 7.4.6. UK
 - 7.4.7. Italy
 - 7.4.8. Spain
 - 7.4.9. Russia
 - 7.4.10. Rest of Europe
- 7.5. ASIA-PACIFIC
 - 7.5.1. Key market trends
 - 7.5.2. Key growth factors and opportunities
 - 7.5.3. Market size and forecast
 - 7.5.4. Japan
 - 7.5.5. China
 - 7.5.6. Australia

- 7.5.7. India
- 7.5.8. Rest of Asia-Pacific
- 7.6. LAMEA
 - 7.6.1. Key market trends
 - 7.6.2. Key growth factors and opportunities
 - 7.6.3. Market size and forecast
 - 7.6.4. Brazil
 - 7.6.5. Turkey
 - 7.6.6. Saudi Arabia
 - 7.6.7. Republic of South Africa
 - 7.6.8. Argentina
 - 7.6.9. Rest of LAMEA

CHAPTER: 8 COMPANY PROFILES

- 8.1. KONINKLIJKE PHILIPS N.V.
 - 8.1.1. Overview
 - 8.1.2. Operating business segments
 - 8.1.3. Business performance
 - 8.1.4. Key strategic moves and developments
- 8.2. SIEMENS AKTIENGESELLSCHAFT
 - 8.2.1. Overview
 - 8.2.2. Operating business segments
 - 8.2.3. Business performance
 - 8.2.4. Key strategic moves and developments
- 8.3. GENERAL ELECTRIC COMPANY
 - 8.3.1. Overview
 - 8.3.2. Operating business segments
 - 8.3.3. Business performance
 - 8.3.4. Key strategic moves and developments
- 8.4. DIGIRAD CORPORATION
 - 8.4.1. Overview
 - 8.4.2. Operating business segments
 - 8.4.3. Business performance
 - 8.4.4. Key strategic moves and developments
- 8.5. MEDISO MEDICAL IMAGING SYSTEMS, LTD.
 - 8.5.1. Overview
 - 8.5.2. Operating business segments
 - 8.5.3. Key strategic moves and developments

8.6. TOSHIBA CORPORATION

8.6.1. Overview

8.6.2. Operating business segments

8.6.3. Business performance

8.7. BOZLU HOLDING

8.7.1. Overview

8.7.2. Key strategic moves and developments

8.8. NEUSOFT CORPORATION

8.8.1. Overview

8.8.2. Operating business segments

8.8.3. Key strategic moves and developments

8.9. COMPAA MEXICANA DE RADIOLOGA CGR, S.A. DE C.V.

8.9.1. Overview

8.10. SURGICEYE GMBH

8.10.1. Overview

8.10.2. Key strategic moves and developments

List Of Tables

LIST OF TABLES

- TABLE 1. CLINICAL TRIALS: NUCLEAR MEDICINE EQUIPMENT MARKET, 2010-2016
- TABLE 2. GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE (\$MILLION), 2014-2022
- TABLE 3. SPECT SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 4. SPECT SYSTEMS MARKET, BY TYPE (\$MILLION), 2014-2022
- TABLE 5. STANDALONE SPECT SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 6. HYBRID SPECT SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 7. PET SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 8. PET SYSTEMS MARKET, BY TYPE (\$MILLION), 2014-2022
- TABLE 9. STANDALONE PET SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 10. HYBRID PET SYSTEMS MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 11. GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION (\$MILLION), 2014-2022
- TABLE 12. NEUROLOGY NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 13. ONCOLOGY NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 14. CARDIOLOGY NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 15. OTHER APPLICATIONS NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 16. GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER (\$MILLION), 2014-2022
- TABLE 17. HOSPITALS NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 18. IMAGING CENTRES NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 19. ACADEMIC & RESEARCH INSTITUTES NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 20. GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022
- TABLE 21. NORTH AMERICA NUCLEAR MEDICINE EQUIPMENT MARKET, BY

PRODUCT TYPE (\$MILLION), 2014-2022

TABLE 22. NORTH AMERICA NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION (\$MILLION), 2014-2022

TABLE 23. NORTH AMERICA NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER (\$MILLION), 2014-2022

TABLE 24. NORTH AMERICA NUCLEAR MEDICINE EQUIPMENT MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 25. EUROPE NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE (\$MILLION), 2014-2022

TABLE 26. EUROPE NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION (\$MILLION), 2014-2022

TABLE 27. EUROPE NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER (\$MILLION), 2014-2022

TABLE 28. EUROPE NUCLEAR MEDICINE EQUIPMENT MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 29. ASIA-PACIFIC NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE (\$MILLION), 2014-2022

TABLE 30. ASIA-PACIFIC NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION (\$MILLION), 2014-2022

TABLE 31. ASIA-PACIFIC NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER (\$MILLION), 2014-2022

TABLE 32. ASIA-PACIFIC NUCLEAR MEDICINE EQUIPMENT MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 33. LAMEA NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE (\$MILLION), 2014-2022

TABLE 34. LAMEA NUCLEAR MEDICINE EQUIPMENT MARKET, BY APPLICATION (\$MILLION), 2014-2022

TABLE 35. LAMEA NUCLEAR MEDICINE EQUIPMENT MARKET, BY END USER (\$MILLION), 2014-2022

TABLE 36. LAMEA NUCLEAR MEDICINE EQUIPMENT MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 37. PHILIPS: COMPANY SNAPSHOT

TABLE 38. PHILIPS: OPERATING SEGMENTS

TABLE 39. SIEMENS: COMPANY SNAPSHOT

TABLE 40. SIEMENS: OPERATING SEGMENTS

TABLE 41. GENERAL ELECTRIC COMPANY: COMPANY SNAPSHOT

TABLE 42. GE: OPERATING SEGMENTS

TABLE 43. DIGIRAD: COMPANY SNAPSHOT

TABLE 44. DIGIRAD: OPERATING SEGMENTS

TABLE 45. MEDISO: COMPANY SNAPSHOT
TABLE 46. MEDISO: OPERATING SEGMENTS
TABLE 47. TOSHIBA: COMPANY SNAPSHOT
TABLE 48. TOSHIBA: OPERATING SEGMENTS
TABLE 49. BOZLU HOLDING: COMPANY SNAPSHOT
TABLE 50. NEUSOFT: COMPANY SNAPSHOT
TABLE 51. NEUSOFT: OPERATING SEGMENTS
TABLE 52. CMR NAVISCAN: COMPANY SNAPSHOT
TABLE 53. SURGICEYE: COMPANY SNAPSHOT

List Of Figures

LIST OF FIGURES

FIGURE 1. SEGMENTATIONS

FIGURE 2. TOP INVESTMENT POCKETS: GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY PRODUCT TYPE

FIGURE 3. TOP WINNING STRATEGIES: PERCENTAGE DISTRIBUTION (2013-2016)

FIGURE 4. GLOBAL NUCLEAR MEDICINE EQUIPMENT MARKET, BY REGION (\$MILLION), 2014-2022

FIGURE 5. U.S. NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 6. CANADA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 7. MEXICO NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 8. GERMANY NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 9. FRANCE NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 10. UK NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 11. ITALY NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 12. SPAIN NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 13. RUSSIA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 14. REST OF EUROPE NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 15. JAPAN NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 16. CHINA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 17. AUSTRALIA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 18. INDIA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 19. REST OF ASIA-PACIFIC NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 20. BRAZIL NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 21. TURKEY NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 22. SAUDI ARABIA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 23. REPUBLIC OF SOUTH AFRICA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 24. ARGENTINA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 25. REST OF LAMEA NUCLEAR MEDICINE EQUIPMENT MARKET, BY YEAR (\$MILLION), 2014-2022

FIGURE 26. PHILIPS: REVENUE, BY YEAR (\$MILLION)

FIGURE 27. PHILIPS: REVENUE, BY SEGMENT, 2015 (%)

FIGURE 28. PHILIPS: REVENUE, BY GEOGRAPHY, 2015 (%)

FIGURE 29. SIEMENS: REVENUE, BY YEAR (\$MILLION)

FIGURE 30. SIEMENS: REVENUE, BY SEGMENT (%)

FIGURE 31. SIEMENS: REVENUE, BY GEOGRAPHY, 2015 (%)

FIGURE 32. GENERAL ELECTRIC COMPANY: REVENUE, BY YEAR (\$BILLION)

FIGURE 33. GENERAL ELECTRIC COMPANY: REVENUE, BY SEGMENT (%)

FIGURE 34. GENERAL ELECTRIC COMPANY: REVENUE, BY GEOGRAPHY (%)

FIGURE 35. DIGIRAD CORPORATION: REVENUE, BY YEAR (\$MILLION)

FIGURE 36. DIGIRAD CORPORATION: REVENUE, BY SEGMENT (%)

FIGURE 37. FIG. 12 TOSHIBA: REVENUE, BY YEAR (\$MILLION)

FIGURE 38. FIG. 13 TOSHIBA: REVENUE, BY SEGMENT, 2015 (%)

FIGURE 39. TOSHIBA: REVENUE, BY GEOGRAPHY, 2015 (%)

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