
Report Code: MRFR/HC/5764-HCRR
Publish Date: May, 2019

Price

| 1-user PDF | $ 4450.0 |
| Enterprise PDF | $ 6250.0 |

Description:

Single-Photon Emission Computed Tomography (SPECT) Market Research Report, By Type (Hybrid SPECT Systems, Standalone SPECT Systems), Application (Oncology, Cardiology, Neurology), End-User (Hospitals, Diagnostic Imaging Centres) – Global Forecast Till 2023

Market Scenario

Single photon emission computed tomography (SPECT) is a type of tomographic imaging technique that utilizes gamma rays (non-invasive) to provide 3-dimensional view of body organs. The system uses a nuclear medicine i.e. radioactive isotopes and a special camera to display the blood flow in organs & tissues thereby aiding the monitoring of heart issues, bone disorders, and brain disorders.

The prominent factor that are responsible for influencing this market is the increasing demand for SPECT analysis in radiopharmaceuticals, growing geriatric population, and improvements in SPECT imaging technology. However, factors such as, shorter half-life of radioisotopes, huge capital investment, and stringent regulatory guidelines are expected to restrict the market growth during the forecast period.

The global Single-Photon Emission Computed Tomography (SPECT) market size is projected to register a CAGR of 6.9% over the forecast period.

Segmentation

The global Single-Photon Emission Computed Tomography (SPECT) market is segmented on the basis of type, application, end-users. The Single-Photon Emission Computed Tomography (SPECT) market, by type, the market is segmented into hybrid SPECT systems, and standalone SPECT systems. On the basis of application, the Single-Photon Emission Computed Tomography (SPECT) market is bifurcated into oncology, cardiology, neurology, and others. On the basis of end-user, the market is segmented into hospitals, diagnostic imaging centres, academic & research centres, and others.

On the basis of region, the global Single-Photon Emission Computed Tomography (SPECT) market is segmented into the Americas, Europe, Asia-Pacific, and the Middle East and Africa. The Americas is sub-segmented into North America and South America. The North American region is further segmented into the US and Canada. The European region is divided into two, namely, Western Europe and Eastern Europe. Western Europe is further classified into Germany, Italy, France, the UK, Spain, and the rest of Western Europe. The Asia-Pacific region is sub-segmented into Japan, China, India, Australia, the Republic of Korea, and the rest of Asia-Pacific. The Middle Eastern and African region is sub-segmented into the United Arab Emirates, Saudi Arabia, Oman, Kuwait, Qatar, and the rest of the Middle East and Africa.

Key players

Some of the key players in the global Single-Photon Emission Computed Tomography (SPECT) market are GE Healthcare, Siemens Healthcare, Koninklijke Philips N.V., Bruker Corporation, Mediso Ltd., Digirad Corporation, Spectrum Dynamics Medical, DDD-Diagnostic A/S, MIE America, Inc., CardiArc, Beijing Hamamatsu Photon Techniques INC., SHENZHEN BASDA MEDICAL APPARATUS CO., LTD., PNPMedM, NuCare Inc., and others.

Regional Market Summary:
Global Single-Photon Emission Computed Tomography (SPECT) Market Share (%), by Region, 2017

The Americas region dominated the global Single-Photon Emission Computed Tomography (SPECT) market in 2017, owing to the presence of major market participants & sophisticated healthcare infrastructure and comparatively higher adoption of advanced nuclear medicine tomographic imaging techniques in the U.S. and Canada.

Europe hoisted as the second largest region for the global Single-Photon Emission Computed Tomography (SPECT) market owing to increasing awareness of disease-causing deformities along with the rise in the number of numerous surgeries is are expected to provide this market with lucrative growth opportunities.

Asia-Pacific was projected to be the fastest growing region for the global Single-Photon Emission Computed Tomography (SPECT) market in 2017. The factors attributed to the due to the growing aging population along with a surge in the incidence of chronic diseases, rising awareness about technique, and increasing healthcare spending in China, India, and Japan.

The Middle East and Africa holds the least share in the global Single-Photon Emission Computed Tomography (SPECT) market due to the presence of poor health expenditure and economically diverse countries. However, the market is expected to witness growth due to increasing healthcare programs in the Middle East.

Intended Audience

- Medical device companies
- Clinical institutes
- Government and private laboratories
- Research and Development (R&D) companies
- Medical research laboratories
- Market research and consulting service providers

Market Segmentation and Key Market Players

Global Single-Photon Emission Computed Tomography (SPECT) Market, by Type

- Hybrid SPECT Systems
- Standalone SPECT Systems

Global Single-Photon Emission Computed Tomography (SPECT) Market, by Application

- Oncology
- Cardiology
- Neurology
- Others

Global Single-Photon Emission Computed Tomography (SPECT) Market, by End User
- Hospitals
- Diagnostic Imaging Centers
- Academic & Research Centers
- Others

Global Single-Photon Emission Computed Tomography (SPECT) Market, by Region
- Americas
- Europe
- Asia-Pacific
- Middle East & Africa

Global Single-Photon Emission Computed Tomography (SPECT) Market, by Key Players
- GE Healthcare
- Siemens Healthcare
- Koninklijke Philips N.V.
- Bruker Corporation
- Mediso Ltd.
- Digirad Corporation
- Spectrum Dynamics Medical
- DDD-Diagnostic A/S
- MiE America, Inc.
- CardiArc
- Beijing Hamamatsu Photon Techniques INC.,
- SHENZHEN BASDA MEDICAL APPARATUS CO., LTD.
- PNPMedM
- NuCare Inc.
5.2 Value Chain Analysis

Chapter 6. Global Single-Photon Emission Computed Tomography (SPECT) Market, by Type
6.1 Introduction
6.2 Hybrid SPECT Systems
6.3 Standalone SPECT Systems

7.1 Introduction
7.2 Oncology
7.3 Cardiology
7.4 Neurology
7.5 Others

Chapter 8. Global Single-Photon Emission Computed Tomography (SPECT) Market, by End User
8.1 Introduction
8.2 Hospitals
8.3 Diagnostic Imaging Centers
8.4 Academic & Research Centers
8.5 Others

Chapter 9. Global Single-Photon Emission Computed Tomography (SPECT) Market, by Region
9.1 Introduction
9.2 America
9.2.1 North America
9.2.1.1 US
9.2.1.2 Canada
9.2.2 South America
9.3 Europe
9.3.1 Western Europe
9.3.1.1 Germany
9.3.1.2 UK
9.3.1.3 Italy
9.3.1.4 France
9.3.1.5 Spain
9.3.1.6 Rest of Western Europe
9.3.2 Eastern Europe
9.4 Asia-Pacific
9.4.1 Japan
9.4.2 China
9.4.3 India
9.4.4 Australia
9.4.5 Republic of Korea
9.4.6 Rest of Asia-Pacific
9.5 Middle East & Africa
9.5.1 The Middle East
9.5.2 Africa

Chapter 10. Company Landscape
10.1 Introduction
10.2 Market Share Analysis
10.3 Key Development & Strategies

Chapter 11 Company Profiles
11.1 Koninklijke Philips N.V (The Netherlands)
11.1.1 Company Overview
11.1.2 Type Overview
11.1.3 Financials
11.2 Siemens (Germany)
11.2.1 Company Overview
11.2.2 Type Overview
11.2.3 Financials
11.2.4 Key Developments
11.2.5 SWOT Analysis
11.3 Positron Corporation (U.S)
11.3.1 Company Overview
11.3.2 Type Overview
11.3.3 Financials
11.3.4 Key Developments
11.3.5 SWOT Analysis
11.4 Neusoft Medical Systems
11.4.1 Company Overview
11.4.2 Type/Business Segment Overview
11.4.3 Financials
11.4.4 Key Developments
11.4.5 SWOT Analysis
11.5 DigiRad Corporation
11.5.1 Company Overview
11.5.2 Type Overview
11.5.3 Financials
11.5.4 Key Developments
11.5.5 SWOT Analysis
11.6 Gamma Medica Inc.
11.6.1 Company Overview
11.6.2 Type Overview
11.6.3 Financials
11.6.4 Key Developments
11.6.5 SWOT Analysis
11.7 GE Healthcare
11.7.1 Overview
11.7.2 Type Overview
11.7.3 Financials
11.7.4 Key Developments
11.7.5 SWOT Analysis
11.8 Oncovision
11.8.1 Overview
11.8.2 Type Overview
11.8.3 Financials
11.8.4 Key Developments
11.8.5 SWOT Analysis
11.9 Bruker Corporation
11.9.1 Overview
11.9.2 Type Overview
11.9.3 Financials
11.9.4 Key Developments
11.9.5 SWOT Analysis
11.10 Mediso Ltd.
11.10.1 Overview
11.10.2 Type Overview
11.10.3 Financials
11.10.4 Key Developments
11.10.5 SWOT Analysis
11.11 Others.

Chapter 12 Appendix

LIST OF TABLES
TABLE 1 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET INDUSTRY SYNOPSIS, 2018–2022
TABLE 2 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET ESTIMATES & FORECAST, 2018–2022, (USD MILLION)
TABLE 3 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY REGION, 2018–2022, (USD MILLION)
TABLE 4 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)
TABLE 5 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)
TABLE 6 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)
TABLE 7 NORTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)
TABLE 8 NORTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)
TABLE 9 NORTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)
TABLE 10 US: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)
TABLE 11 US: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)
TABLE 12 US: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)
TABLE 13 CANADA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)
TABLE 14 CANADA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)
TABLE 15 CANADA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)
TABLE 16 SOUTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)
TABLE 17 SOUTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)
TABLE 18 SOUTH AMERICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)
TABLE 19 EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, TYPE, 2018–2022, (USD MILLION)
TABLE 20 EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, APPLICATION, 2018–2022, (USD MILLION)
TABLE 21 EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)

TABLE 22 WESTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)

TABLE 23 WESTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)

TABLE 24 WESTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)

TABLE 25 EASTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)

TABLE 26 EASTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)

TABLE 27 EASTERN EUROPE: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)

TABLE 28 ASIA-PACIFIC: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)

TABLE 29 ASIA-PACIFIC: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)

TABLE 30 ASIA-PACIFIC: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)

TABLE 31 MIDDLE EAST & AFRICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY TYPE, 2018–2022, (USD MILLION)

TABLE 32 MIDDLE EAST & AFRICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY APPLICATION, 2018–2022, (USD MILLION)

TABLE 33 MIDDLE EAST & AFRICA: SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET, BY END USER, 2018–2022, (USD MILLION)

LIST OF FIGURES

FIGURE 1 RESEARCH PROCESS
FIGURE 2 SEGMENTATION FOR THE GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET
FIGURE 3 MARKET DYNAMICS FOR THE GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET
FIGURE 4 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY TYPE 2017
FIGURE 5 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY APPLICATION 2017
FIGURE 6 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY END USER, 2017
FIGURE 7 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY REGION, 2017
FIGURE 8 NORTH AMERICA SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY COUNTRY, 2017
FIGURE 9 EUROPE PRESCRIBED HEALTH APPS SHARE, BY COUNTRY, 2017
FIGURE 10 ASIA-PACIFIC SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY COUNTRY, 2017
FIGURE 11 MIDDLE EAST & AFRICA SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET SHARE, BY COUNTRY, 2017
FIGURE 12 GLOBAL SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MARKET: COMPANY SHARE ANALYSIS, 2017 (%)
FIGURE 13 KONINKLIJKE PHILIPS N.V.: KEY FINANCIALS
FIGURE 14 KONINKLIJKE PHILIPS N.V.: SEGMENTAL REVENUE
FIGURE 15 KONINKLIJKE PHILIPS N.V: GEOGRAPHICAL REVENUE
FIGURE 16 SIEMENS.: KEY FINANCIALS
FIGURE 17 SIEMENS.: SEGMENTAL REVENUE
FIGURE 18 SIEMENS.: GEOGRAPHICAL REVENUE
FIGURE 19 POSITRON CORPORATION.: KEY FINANCIALS