

# Automated Radiosynthesis Modules Market - Global Opportunity Analysis and Industry Forecast, 2014-2022

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## Abstracts

Automated radiosynthesis modules are automated equipment used in the formulation of radiotracers and in imaging techniques such as PET/SPECT. Currently, the production of these radiotracer molecules is largely confined to centralized laboratory settings. This centralized production hinders the formulation of customized and diverse radiotracers for the end users. Benefits associated with the use of automated radiosynthesis modules include low capital cost, minimal infrastructural requirement, user friendly customization, and optimal performance of radiotracers.

The world automated radiosynthesis modules market generated a revenue of \$20 million in 2015 and is expected to reach a value of \$32 million by 2022 at a CAGR of 6.6%. The rise in incidence of chronic disease such as cancer and cardiovascular diseases drives the adoption of PET/SPECT-based imaging methods. To support the use of these techniques, the supply of radiotracer becomes inevitable. Automated radiosynthesis modules offers scope to accelerate the production and formulation of radiotracers in decentralized settings. Further, the capacity of the automated radiosynthesis modules to produce radiotracers for diverse applications is expected to offer new opportunities for the manufacturers. However, premium pricing of automated radiosynthesis modules is limiting the rate of adoption among the end users. Availability of funds and grants from the government is however expected to offset this limitation, boosting its growth in the forecast period.

The automated radiosynthesis is consolidated by vendors such as GE Healthcare, Siemens Healthcare, IBA Radiopharma Solutions, Optimized Radiochemical Applications, Synthra GmbH, and Eckert & Ziegler Group. Majority of these vendors offer broad range of products worldwide, although majority of their focus is confined to North American and European region.

## **KEY BENEFITS FOR STAKEHOLDERS**

The study offers a deep dive analysis of the market along with dynamics that affect the current and future of the market.

A quantitative analysis of the current market and estimations from 2014 to 2020 is provided, enabling all the stakeholders to capitalize the prevailing and emerging opportunities of the market.

Key market players and their market share analysis is studied in the report.

Strategic analysis of the key leaders and their business strategies within the market is provided, which assist stakeholders to make more informed business decisions.

Porter's Five Forces analysis examines the competitive structure of the global market and also provides a deeper understanding of the influence factors for market entry and market expansion.

## **KEY MARKET SEGMENTS**

By geography (value and volume)

North America

Europe

Asia-Pacific

LAMEA

The key players that operate in the market include:

GE Healthcare

Siemens Healthcare

IBA Radiopharma Solutions

Optimized Radiochemical Applications

Synthra GmbH

Eckert & Ziegler Group

Other market players in value chain include:

Sumitomo Corp

Scintomics GmbH

Sofie Biosciences

Trasis S.A

Raytest Isotopenmessger?te GmbH

Posi-Med LLC.

## Contents

### **CHAPTER 1 RESEARCH METHODOLOGY**

- 1.1 Secondary research
- 1.2 Primary research
- 1.3 Analyst tools and models

### **CHAPTER 2 MARKET OVERVIEW**

- 2.1 Market definition and scope
- 2.2 Market dynamics
  - 2.2.1 Drivers
    - 2.2.1.1 Increasing adoption of PET & SPECT as vital diagnostic tools
    - 2.2.1.2 Diverse applications of radiopharmaceuticals in medical industry
  - 2.2.2 Restraints
    - 2.2.2.1 High cost is a barrier for adoption of automated radiosynthesis module
  - 2.2.3 Opportunities
    - 2.2.3.1 Funding and grants create market opportunity worldwide
- 2.3 Porters Five Forces Analysis
  - 2.3.1 Bargaining Power of Suppliers
  - 2.3.2 Bargaining Power of Buyers
  - 2.3.3 Threat of New Entrants
  - 2.3.4 Threat of Substitutes
  - 2.3.5 Competitive Rivalry
- 2.4 Market Share Analysis, 2015

### **CHAPTER 3 WORLD AUTOMATED RADIOSYNTHESIS MODULES MARKET, BY VALUE AND VOLUME**

- 3.1 Market size and forecast

### **CHAPTER 4 WORLD AUTOMATED RADIOSYNTHESIS MODULES MARKET, BY GEOGRAPHY**

- 4.1 North America
  - 4.1.1 Market size and forecast
- 4.2 Asia-Pacific
  - 4.2.1 Market size and forecast

## 4.3 Europe

### 4.3.1 Market size and forecast

## 4.4 LAMEA

### 4.4.1 Market size and forecast

## **CHAPTER 5 COMPANY PROFILES**

### 5.1 GE Healthcare

#### 5.1.1 Company Overview

#### 5.1.2 Company Snapshot

#### 5.1.3 Operating Business Segments

#### 5.1.4 Business Performance

#### 5.1.5 Key Strategic Moves and Developments

### 5.2 Siemens Healthcare

#### 5.2.1 Company Overview

#### 5.2.2 Company Snapshot

#### 5.2.3 Operating Business Segments

#### 5.2.4 Business Performance

#### 5.2.5 Key Strategic Moves and Developments

### 5.3 IBA Radiopharma Solutions

#### 5.3.1 Company Overview

#### 5.3.2 Company Snapshot

#### 5.3.3 Operating Business Segments

#### 5.3.4 Business Performance

#### 5.3.5 Key Strategic Moves and Developments

### 5.4 Optimized Radiochemical Applications

#### 5.4.1 Company Overview

#### 5.4.2 Company Snapshot

#### 5.4.3 Operating Business Segments

#### 5.4.4 Business Performance

#### 5.4.5 Key Strategic Moves and Developments

### 5.5 Synthra GmbH

#### 5.5.1 Company Overview

#### 5.5.2 Company Snapshot

#### 5.5.3 Operating Business Segments

#### 5.5.4 Business Performance

#### 5.5.5 Key Strategic Moves and Developments

### 5.6 Eckert

#### 5.6.1 Company Overview

5.6.2 Company Snapshot

5.6.3 Operating Business Segments

5.6.4 Business Performance

5.6.5 Key Strategic Moves and Developments

5.7 Ziegler Group

5.7.1 Company Overview

5.7.2 Company Snapshot

5.7.3 Operating Business Segments

5.7.4 Business Performance

5.7.5 Key Strategic Moves and Developments

## List Of Tables

### LIST OF TABLES

TABLE 1 GLOBAL STATISTICS FOR CHRONIC DISEASES

TABLE 2 FDA-RECOGNIZED RADIOPHARMACEUTICALS FOR PET

TABLE 3 WORLD AUTOMATED RADIOSYNTHESIS MODULES MARKET, 2014-2022  
(NUMBER OF UNITS) (\$ MILLION)

TABLE 4 NORTH AMERICA AUTOMATED RADIOSYNTHESIS MODULES MARKET,  
2014-2022 (NUMBER OF UNITS) (\$ MILLION)

TABLE 5 ASIA-PACIFIC AUTOMATED RADIOSYNTHESIS MODULES MARKET,  
2014-2022 (NUMBER OF UNITS) (\$ MILLION)

TABLE 6 EUROPE AUTOMATED RADIOSYNTHESIS MODULES MARKET,  
2014-2022 (NUMBER OF UNITS) (\$ MILLION)

TABLE 7 LAMEA AUTOMATED RADIOSYNTHESIS MODULES MARKET, 2014-2022  
(NUMBER OF UNITS) (\$ MILLION)

TABLE 8 GE HEALTHCARE: COMPANY SNAPSHOT

TABLE 9 GE HEALTHCARE: OPERATING SEGMENTS

TABLE 10 SIEMENS HEALTHCARE: COMPANY SNAPSHOT

TABLE 11 SIEMENS HEALTHCARE: OPERATING SEGMENTS

TABLE 12 IBA RADIOPHARMA: COMPANY SNAPSHOT

TABLE 13 IBA RADIOPHARMA: OPERATING SEGMENTS

TABLE 14 OPTIMIZED RADIOCHEMICAL: COMPANY SNAPSHOT

TABLE 15 OPTIMIZED RADIOCHEMICAL: OPERATING SEGMENTS

TABLE 16 SYNTHRA: COMPANY SNAPSHOT

TABLE 17 SYNTHRA: OPERATING SEGMENTS

TABLE 18 ECKERT: COMPANY SNAPSHOT

TABLE 19 ECKERT: OPERATING SEGMENTS

TABLE 20 ZIEGLER: COMPANY SNAPSHOT

TABLE 21 ZIEGLER: OPERATING SEGMENTS List of Tables

TABLE 1 WORLD INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR  
DEVICES MARKET, BY PRODUCT, 2014-2022 (\$MILLION)

TABLE 2 WORLD ANGIOPLASTY BALLOONS MARKET, BY TYPE, 2014-2022  
(\$MILLION)

TABLE 3 ANGIOPLASTY BALLOONS MARKET, BY GEOGRAPHY, 2014-2022  
(\$MILLION)

TABLE 4 WORLD ANGIOPLASTY STENTS MARKET, BY TYPE, 2014-2022  
(\$MILLION)

TABLE 5 WORLD CORONARY STENTS MARKET, BY TYPE, 2014-2022 (\$MILLION)

- TABLE 6 ANGIOPLASTY STENTS MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 7 WORLD ANGIOPLASTY CATHETERS MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 8 ANGIOPLASTY CATHETERS MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 9 WORLD ENDOVASCULAR ANEURYSM REPAIR STENT GRAFTS MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 10 ENDOVASCULAR ANEURYSM REPAIR STENT GRAFTS MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 11 TYPES OF IVC FILTERS AVAILABLE IN THE MARKET
- TABLE 12 WORLD INFERIOR VENA CAVA (IVC) FILTERS MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 13 INFERIOR VENA CAVA (IVC) FILTERS MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 14 WORLD PLAQUE MODIFICATION DEVICES MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 15 PLAQUE MODIFICATION DEVICES MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 16 WORLD HEMODYNAMIC FLOW ALTERATION DEVICES MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 17 HEMODYNAMIC FLOW ALTERATION DEVICES MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 18 WORLD ACCESSORIES MARKET, BY TYPE, 2014-2022 (\$MILLION)
- TABLE 19 ACCESSORIES MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 20 INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)
- TABLE 21 NORTH AMERICA: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY COUNTRY, 2014-2022 (\$MILLION)
- TABLE 22 NORTH AMERICA: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY PRODUCT, 2014-2022 (\$MILLION)
- TABLE 23 EUROPE: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY COUNTRY, 2014-2022 (\$MILLION)
- TABLE 24 EUROPE: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY PRODUCT, 2014-2022 (\$MILLION)
- TABLE 25 ASIA-PACIFIC: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY COUNTRY, 2014-2022 (\$MILLION)
- TABLE 26 ASIA-PACIFIC: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY PRODUCT, 2014-2022 (\$MILLION)



TABLE 27 LAMEA: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 28 LAMEA: INTERVENTIONAL CARDIOLOGY & PERIPHERAL VASCULAR DEVICES MARKET, BY PRODUCT, 2014-2022 (\$MILLION)

TABLE 29 ABBOTT: COMPANY SNAPSHOT

TABLE 30 ABBOTT: OPERATING SEGMENTS

TABLE 31 B. BRAUN: COMPANY SNAPSHOT

TABLE 32 B. BRAUN: OPERATING SEGMENTS

TABLE 33 BOSTON SCIENTIFIC: COMPANY SNAPSHOT

TABLE 34 BOSTON SCIENTIFIC: OPERATING SEGMENTS

TABLE 35 BARD: COMPANY SNAPSHOT

TABLE 36 BARD: OPERATING SEGMENTS

TABLE 37 CARDINAL HEALTH: COMPANY SNAPSHOT

TABLE 38 CARDINAL HEALTH: OPERATING SEGMENTS

TABLE 39 COOK MEDICAL: COMPANY SNAPSHOT

TABLE 40 COOK MEDICAL: DIVISIONS

TABLE 41 MEDTRONIC: COMPANY SNAPSHOT

TABLE 42 MEDTRONIC: OPERATING SEGMENTS

TABLE 43 ST. JUDE MEDICAL: COMPANY SNAPSHOT

TABLE 44 ST. JUDE MEDICAL: PRODUCT CATEGORIES

TABLE 45 TERUMO: COMPANY SNAPSHOT

TABLE 46 TERUMO: OPERATING SEGMENTS

TABLE 47 SPECTRANETICS: COMPANY SNAPSHOT

TABLE 48 SPECTRANETICS: OPERATING SEGMENTS

## List Of Figures

### LIST OF FIGURES

FIG. 1 TOP FACTORS IMPACTING GLOBAL ENERGY STORAGE SYSTEMS MARKET

FIG. 2 NUMBER OF INSTALLATION OF PET SCANNER WORLDWIDE IN 2014

FIG. 3 NUMBER OF INSTALLATION OF PET SCANNER WORLDWIDE IN 2015

FIG. 4 ESTIMATED NEW CASES OF CANCER WORLDWIDE IN MALE IN 2012

FIG. 5 ESTIMATED NEW CASES OF CANCER WORLDWIDE IN MALE IN 2012

FIG. 6 GLOBAL ESTIMATED AVAILABILITY OF RADIOTHERAPY, 2013

FIG. 7 PORTERS FIVE FORCES ANALYSIS

FIG. 8 MARKET SHARE ANALYSIS, 2015 (% SHARE)

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