

# Radiotherapy - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/RF0D59E63ABEN.html>

Date: July 2018

Pages: 185

Price: US\$ 4,150.00 (Single User License)

ID: RF0D59E63ABEN

## Abstracts

According to Statistics MRC, the Global Radiotherapy market is accounted for \$6.87 billion in 2017 and is expected to reach \$13.39 billion by 2026 growing at a CAGR of 7.7% during the forecast period. Factors such as increasing number of cancer patients and untapped market in some emerging countries are fuelling the market growth. However factors such as expensive treatments, adequate infrastructure and adequate skills and training are hampering the market growth.

On the basis of Type, External beam radiotherapy is a category of radiotherapy. As it is an advanced radiotherapy technique it lessens the amount of normal tissue being treated in the applied environment. An external source of ionizing radiation is passed through the particular part of the patient who is suffering from tumour. It increases the quality and accuracy of finding target, and changing the amount of healthy tissue in the treatment field. This can be beneficial from some treatment sites where the objective volume is surrounded by a number of organs which must be spared radiation dose.

By Geography, North American region is expected to surpass other regions due to technological advancements, increasing healthcare expenditure, and high adoption of radiotherapy products owing to the increasing incidence of cancer followed by the Asia pacific region.

Some of the key players in the Radiotherapy market are Accuray Incorporated, C. R. Bard, Inc., Siemens, Elekta AB, IBA (Ion Beam Applications Sa), Isoray Medical, Inc., Mevion Medical Systems, Inc., Mitsubishi Electric Corporation, Nordion, Inc., Panacea Medical Technologies Pvt. Ltd., P-Cure Ltd., Pronova Solutions, LLC., Raysearch Laboratories, Theragenics Corporation, Varian Medical Systems, Inc., Viewray Inc., ProTom International, Inc., Covidien Ltd, Eckert & Ziegler BEBIG SA and Provision Healthcare.

Product Covered:

External Beam Radiotherapy

Internal Beam Radiotherapy/Brachytherapy

Systemic Radiotherapy

Types Covered:

External Beam Radiotherapy

Internal Beam Radiotherapy

Systemic Radiotherapy

Applications Covered:

External Beam Radiation Therapy

Internal Beam Radiotherapy/Brachytherapy

End-Users Covered:

Hospitals

Cancer Research Institutes

Ambulatory & Radiotherapy Centers

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End-User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL RADIOTHERAPY MARKET, BY PRODUCT**

- 5.1 Introduction
- 5.2 External Beam Radiotherapy
  - 5.2.1 Electron-Emitting High-Energy Linear Accelerators (LINAC)
  - 5.2.2 Compact Advanced Radiotherapy Devices
    - 5.2.2.1 Cyberknife
    - 5.2.2.2 Gamma Knife
    - 5.2.2.3 Tomotherapy
  - 5.2.3 Proton Therapy Systems
    - 5.2.3.1 Cyclotrons
    - 5.2.3.2 Synchrotrons
  - 5.2.4 Cobalt-60 Teletherapy Units
- 5.3 Internal Beam Radiotherapy/Brachytherapy
  - 5.3.1 Seeds
  - 5.3.2 Applicators and Afterloaders
  - 5.3.3 Electronic Brachytherapy Products
- 5.4 Systemic Radiotherapy
  - 5.4.1 Iobenguane (I-131)
  - 5.4.2 Samarium-153
  - 5.4.3 Rhenium-186
  - 5.4.4 Other Systemic Radiotherapy Products

## **5 GLOBAL RADIOTHERAPY MARKET, BY TYPE**

- 6.1 Introduction
- 6.2 External Beam Radiotherapy
  - 6.2.1 Volumetric Modulated Arc Therapy (VMAT)
  - 6.2.2 Tomotherapy
  - 6.2.3 Stereotactic Therapy
  - 6.2.4 Particle/Proton Beam Therapy
  - 6.2.5 Intensity-Modulated Radiotherapy (IMRT)
  - 6.2.6 Image-Guided Radiotherapy (IGRT)
  - 6.2.7 3D Conformal Radiotherapy (3D-CRT)
- 6.3 Internal Beam Radiotherapy
  - 6.3.1 LDR Brachytherapy
  - 6.3.2 HDR Brachytherapy
- 6.4 Systemic Radiotherapy

- 6.4.1 Instillation Radiotherapy
- 6.4.2 Intravenous Radiotherapy
- 6.4.3 Oral Radiotherapy

## **7 GLOBAL RADIOTHERAPY MARKET, BY APPLICATION**

- 7.1 Introduction
- 7.2 External Beam Radiation Therapy
  - 7.2.1 Prostate Cancer
  - 7.2.2 Breast Cancer
  - 7.2.3 Lung Cancer
  - 7.2.4 Head and Neck Cancer
  - 7.2.5 Colorectal Cancer
  - 7.2.6 Other Cancers
- 7.3 Internal Beam Radiotherapy/Brachytherapy
  - 7.3.1 Prostate Cancer
  - 7.3.2 Gynecological Cancer
  - 7.3.3 Breast Cancer
  - 7.3.4 Cervical Cancer
  - 7.3.5 Penile Cancer
  - 7.3.6 Other Cancers

## **8 GLOBAL RADIOTHERAPY MARKET, BY END-USER**

- 8.1 Introduction
- 8.2 Hospitals
- 8.3 Cancer Research Institutes
- 8.4 Ambulatory & Radiotherapy Centers

## **9 GLOBAL RADIOTHERAPY MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK



- 9.3.3 Italy
- 9.3.4 France
- 9.3.5 Spain
- 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar
  - 9.6.4 South Africa
  - 9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

## **11 COMPANY PROFILING**

- 11.1 Accuray Incorporated
- 11.2 C. R. Bard, Inc.
- 11.3 Siemens
- 11.4 Elekta AB
- 11.5 IBA (Ion Beam Applications Sa)

- 11.6 Isoray Medical, Inc.
- 11.7 Mevion Medical Systems, Inc.
- 11.8 Mitsubishi Electric Corporation
- 11.9 Nordion, Inc.
- 11.10 Panacea Medical Technologies Pvt. Ltd.
- 11.11 P-Cure Ltd.
- 11.12 Pronova Solutions, LLC.
- 11.13 Raysearch Laboratories
- 11.14 Theragenics Corporation
- 11.15 Varian Medical Systems, Inc.
- 11.16 Viewray Inc.
- 11.17 ProTom International, Inc.
- 11.18 Covidien Ltd
- 11.19 Eckert & Ziegler BEBIG SA
- 11.20 Provision Healthcare

## List Of Tables

### LIST OF TABLES

- Table 1 Global Radiotherapy Market Outlook, By Region (2016-2026) (\$MN)
- Table 2 Global Radiotherapy Market Outlook, By Type (2016-2026) (\$MN)
- Table 3 Global Radiotherapy Market Outlook, By External Beam Radiotherapy (2016-2026) (\$MN)
- Table 4 Global Radiotherapy Market Outlook, By Volumetric Modulated Arc Therapy (VMAT) (2016-2026) (\$MN)
- Table 5 Global Radiotherapy Market Outlook, By Tomotherapy (2016-2026) (\$MN)
- Table 6 Global Radiotherapy Market Outlook, By Stereotactic Therapy (2016-2026) (\$MN)
- Table 7 Global Radiotherapy Market Outlook, By Particle/Proton Beam Therapy (2016-2026) (\$MN)
- Table 8 Global Radiotherapy Market Outlook, By Intensity-Modulated Radiotherapy (IMRT) (2016-2026) (\$MN)
- Table 9 Global Radiotherapy Market Outlook, By Image-Guided Radiotherapy (IGRT) (2016-2026) (\$MN)
- Table 10 Global Radiotherapy Market Outlook, By 3D Conformal Radiotherapy (3D-CRT) (2016-2026) (\$MN)
- Table 11 Global Radiotherapy Market Outlook, By Internal Beam Radiotherapy (2016-2026) (\$MN)
- Table 12 Global Radiotherapy Market Outlook, By LDR Brachytherapy (2016-2026) (\$MN)
- Table 13 Global Radiotherapy Market Outlook, By HDR Brachytherapy (2016-2026) (\$MN)
- Table 14 Global Radiotherapy Market Outlook, By Systemic Radiotherapy (2016-2026) (\$MN)
- Table 15 Global Radiotherapy Market Outlook, By Instillation Radiotherapy (2016-2026) (\$MN)
- Table 16 Global Radiotherapy Market Outlook, By Intravenous Radiotherapy (2016-2026) (\$MN)
- Table 17 Global Radiotherapy Market Outlook, By Oral Radiotherapy (2016-2026) (\$MN)
- Table 18 Global Radiotherapy Market Outlook, By Product (2016-2026) (\$MN)
- Table 19 Global Radiotherapy Market Outlook, By External Beam Radiotherapy (2016-2026) (\$MN)
- Table 20 Global Radiotherapy Market Outlook, By Electron-Emitting High-Energy Linear

Accelerators (LINAC) (2016-2026) (\$MN)

Table 21 Global Radiotherapy Market Outlook, By Compact Advanced Radiotherapy Devices (2016-2026) (\$MN)

Table 22 Global Radiotherapy Market Outlook, By Proton Therapy Systems (2016-2026) (\$MN)

Table 23 Global Radiotherapy Market Outlook, By Cobalt-60 Teletherapy Units (2016-2026) (\$MN)

Table 24 Global Radiotherapy Market Outlook, By Internal Beam Radiotherapy/Brachytherapy (2016-2026) (\$MN)

Table 25 Global Radiotherapy Market Outlook, By Seeds (2016-2026) (\$MN)

Table 26 Global Radiotherapy Market Outlook, By Applicators and Afterloaders (2016-2026) (\$MN)

Table 27 Global Radiotherapy Market Outlook, By Electronic Brachytherapy Products (2016-2026) (\$MN)

Table 28 Global Radiotherapy Market Outlook, By Systemic Radiotherapy (2016-2026) (\$MN)

Table 29 Global Radiotherapy Market Outlook, By Iobenguane (I-131) (2016-2026) (\$MN)

Table 30 Global Radiotherapy Market Outlook, By Samarium-153 (2016-2026) (\$MN)

Table 31 Global Radiotherapy Market Outlook, By Rhenium-186 (2016-2026) (\$MN)

Table 32 Global Radiotherapy Market Outlook, By Other Systemic Radiotherapy Products (2016-2026) (\$MN)

Table 33 Global Radiotherapy Market Outlook, By Application (2016-2026) (\$MN)

Table 34 Global Radiotherapy Market Outlook, By External Beam Radiation Therapy (2016-2026) (\$MN)

Table 35 Global Radiotherapy Market Outlook, By Prostate Cancer (2016-2026) (\$MN)

Table 36 Global Radiotherapy Market Outlook, By Breast Cancer (2016-2026) (\$MN)

Table 37 Global Radiotherapy Market Outlook, By Lung Cancer (2016-2026) (\$MN)

Table 38 Global Radiotherapy Market Outlook, By Head and Neck Cancer (2016-2026) (\$MN)

Table 39 Global Radiotherapy Market Outlook, By Colorectal Cancer (2016-2026) (\$MN)

Table 40 Global Radiotherapy Market Outlook, By Other Cancers (2016-2026) (\$MN)

Table 41 Global Radiotherapy Market Outlook, By Internal Beam Radiotherapy/Brachytherapy (2016-2026) (\$MN)

Table 42 Global Radiotherapy Market Outlook, By Prostate Cancer (2016-2026) (\$MN)

Table 43 Global Radiotherapy Market Outlook, By Gynecological Cancer (2016-2026) (\$MN)

Table 44 Global Radiotherapy Market Outlook, By Breast Cancer (2016-2026) (\$MN)

Table 45 Global Radiotherapy Market Outlook, By Cervical Cancer (2016-2026) (\$MN)

Table 46 Global Radiotherapy Market Outlook, By Penile Cancer (2016-2026) (\$MN)

Table 47 Global Radiotherapy Market Outlook, By Other Cancers (2016-2026) (\$MN)

Table 48 Global Radiotherapy Market Outlook, By End-User (2016-2026) (\$MN)

Table 49 Global Radiotherapy Market Outlook, By Hospitals (2016-2026) (\$MN)

Table 50 Global Radiotherapy Market Outlook, By Cancer Research Institutes  
(2016-2026) (\$MN)

Table 51 Global Radiotherapy Market Outlook, By Ambulatory & Radiotherapy Centers  
(2016-2026) (\$MN)

NOTE: North America, Europe, Asia Pacific, South America and Middle East & Africa  
are represented in above manner.

## I would like to order

Product name: Radiotherapy - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/RF0D59E63ABEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RF0D59E63ABEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970