

# US Proton Therapy Outlook 2017

<https://marketpublishers.com/r/U2FFC536284EN.html>

Date: August 2013

Pages: 65

Price: US\$ 2,000.00 (Single User License)

ID: U2FFC536284EN

## Abstracts

Physicians, in the face of an alarmingly rising incidences of cancer and limited treatment options are being forced to look for treatments beyond the conventional ones. In such a scenario, Proton Therapy, the most advanced radiation technique available, is being projected as the Rolls Royce of Radiation Oncology. Unfortunately, access to proton therapy is limited for many patients due to the low number of proton therapy centers. Hence, many research institutes and hospitals are now investing in proton therapy to make it more accessible to patients.

According to the “US Proton Therapy Outlook 2017” by RNCOS, the United States will be home to almost 27 such centers by 2017, a number, which is almost double the current figure. Consequentially, the market will breach the Billion dollar mark to attain revenue of US\$ 1.17 Billion by 2017. The following 65 pages report provides an insight into the cancer demographics of US and the various possible causes for a high incidence there. The document covers the historical trend (2008-2013) of cancer incidences, deaths and prevalence along with state-wide and site-wide cancer incidences in the country.

It describes the various types of radiation therapies, which can be used to treat cancer, as well as their disadvantages. Special attention has been given on proton therapy and its benefits that make it stand out amidst the conventional treatment options. The study dedicates a complete chapter on the various components of any proton therapy center and covers issues related to accelerators, delivery, transportation, planning and positioning systems to human resources required to setup a center.

As for the market, the report provides the state-wide distribution of proton therapy centers in USA. A thorough analysis has been done on the existing and upcoming proton therapy centers to measure the market size and its future condition. The report further provides the state-wise statistics of potential patients for proton therapy and the

latter's current market penetration. This is then followed by a section dedicated to market opportunity assessment which would help service providers and vendors to extract benefits from the largely untapped but lucrative market.

After a thorough analysis of the market, RNCOS has deduced various trends, drivers and challenges which will have a major influence on shaping the growing market. On the competitive front, the report covers the current stand and its probable transformation by 2017 for service providers and equipment vendors. There is also a 'strengths-weakness' analysis of equipment vendors along with their business overviews, products & services, and existing & planned installations in US till 2017 in the report, thus making it a must read for consultants and companies planning to enter the market.

## Contents

### **1. ANALYST VIEW**

### **2. RESEARCH METHODOLOGY**

### **3. US CANCER DEMOGRAPHICS**

3.1 Incidence by State

3.2 Incidence by Site

### **4. CURRENT RADIATION THERAPIES**

4.1 Third Dimensional Conformal Therapy (CRT)

4.2 Image Guided Radiotherapy (IGRT)

4.3 Intensity Modulated Radiotherapy (IMRT)

4.4 Stereotactic Radiotherapy

4.5 Neutron Therapy

4.6 Proton Therapy

4.6.1 Why Proton Therapy?

### **5. COMPONENTS OF A STANDARD PROTON THERAPY CENTER**

5.1 Proton Accelerator

5.2 Beam Transport System

5.3 Beam Delivery System

5.4 Nozzle

5.4.1 Single Scattering

5.4.2 Double Scattering

5.4.3 Uniform Scanning Nozzle

5.4.4 Pencil Scanning Nozzle

5.5 Treatment Planning System

5.6 Image Viewers

5.7 Patient Positioning System

5.8 Human Resource

### **6. US PROTON THERAPY MARKET OUTLOOK TO 2017**

6.1 Current Market Size and Future Growth

## 6.2 Potential Patients by State (2013 & 2017)

### 6.2.1 Market Penetration

## 6.3 Analysis of Existing and Forthcoming Players

### 6.3.1 Service Providers

### 6.3.2 Equipment Providers

## 6.4 Market Opportunity Assessment

## 6.5 Market Trends

### 6.5.1 Number of Treatment Rooms

### 6.5.2 Type of Proton Accelerator

## **7. REIMBURSEMENT SCENARIO**

## **8. INDUSTRY DRIVERS AND RESTRAINTS**

### 8.1 Drivers

### 8.2 Restraints

## **9. COMPETITIVE LANDSCAPE AND STRATEGIC ANALYSIS**

### 9.1 IBA

### 9.2 Hitachi

### 9.3 Mevion Medical Systems

### 9.4 Varian

## List Of Figures

### LIST OF FIGURES:

Figure 3-1: Cancer Incidence (Million), 2008-2013

Figure 3-2: Cancer Mortality (?00), 2008-2013

Figure 3-3: Cancer Prevalence (Million), 2008-2013

Figure 4-1: Advantages of Proton Therapy over Conventional Radiation Therapy

Figure 5-1: Components of a Proton Therapy Center

Figure 6-1: Proton Therapy Market (Million US\$), 2013-2017

Figure 6-2: Share of Proton Therapy Market in Potential Market (2013)

Figure 6-3: Market Share of Service Providers (2013 & 2017)

Figure 6-4: Share of Vendors by Number of Proton Accelerators Installed in US Proton Therapy Centers (2013 & 2017)

Figure 6-5: Proton Therapy Center by Number of Treatment Rooms (2013 & 2017)

Figure 6-6: Proton Therapy Center by Type of Proton Accelerator (2013 & 2017)

## List Of Tables

### LIST OF TABLES:

Table 3-1: Cancer Incidence by State (Million), 2008-2013

Table 3-2: Cancer Incidence by Site (Million), 2008-2013

Table 6-1: State wide Potential Patients for Proton Therapy (2013 & 2017)

Table 6-2: Existing Proton Therapy Centers

Table 6-3: Upcoming Proton Therapy Centers (2014 to 2017)

Table 6-4: Proton Therapy Equipment Providers with number of installations till 2013

Table 6-5: Proton Therapy Equipment Providers with Number of Installations by 2017

Table 9-1: IBA - Proton Therapy Products and Services

Table 9-2: IBA - Key Financials (Million US\$), 2010-2012

Table 9-3: IBA - Existing and Upcoming Proton Therapy Installations

Table 9-4: IBA - Strengths and Weaknesses

Table 9-5: Hitachi - Key Financials (Billion US\$), 2010-2012

Table 9-6: Hitachi - Existing and Upcoming Proton Therapy Installations

Table 9-7: Hitachi - Strengths and Weaknesses

Table 9-8: Mevion - Existing and Upcoming Proton Therapy Installations

Table 9-9: Mevion - Strengths and Weaknesses

Table 9-10: Varian - Proton Therapy Products and Services

Table 9-11: Varian - Key Financials (Billion US\$), 2010-2012

Table 9-12: Varian: Proton Therapy Installations

Table 9-13: Varian - Strengths and Weaknesses

## I would like to order

Product name: US Proton Therapy Outlook 2017

Product link: <https://marketpublishers.com/r/U2FFC536284EN.html>

Price: US\$ 2,000.00 (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/U2FFC536284EN.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