

United States Proton Therapy Market & Forecast, Reimbursement Policy, Patients Treated at Proton Therapy Centers

https://marketpublishers.com/r/U8760E0182DEN.html

Date: March 2017

Pages: 0

Price: US\$ 1,200.00 (Single User License)

ID: U8760E0182DEN

Abstracts

The potential market of proton therapy in United States would be more than US\$ 15 Billion by the end of 2021 and it is expected to grow with a CAGR of 6.04 percent in future. At present United States holds world's 40 percent of Proton Beam Therapy Facility. In the recent time, more research institutes and hospitals are investing in proton therapy to make the technology more accessible to patients.

United States Proton Therapy Market & Forecast, Reimbursement Policy, Patients Treated at Proton Therapy Centers is a report published by Renub Research. In this report we have studied the market in two parts a) Actual Market and b) Potential Market. The report also talks about list of all operational and future Proton Therapy centers; Economics of proton therapy including reimbursement policies. Proton Therapy revenues from 3 companies (IBA, Varian Medical Systems, Elekta) has also been studied in the report.

- a) Actual Market is the current market which is already present
- b) Potential Market is the market which can be achieved; but it has yet not been achieved due to demand and supply gap. At present only a few proton therapy centers are available that can treat a limited number of patients each year.

United States Proton Therapy Market has been analyzed from four view points

United States Proton Therapy Actual Market & Forecast (2009 – 2021)

United States Proton Therapy Untapped Market & Forecast (2009 – 2021)



United States Proton Therapy Treated Patient Volume & Forecast (2009 – 2021)

United States Proton Therapy Untapped Patient Volume & Forecast (2009 – 2021)

Key Companies Covered

- 1. IBA (Overview, Sales Analysis)
- 2. Varian Medical Systems (Overview, Sales Analysis)
- 3. Elekta (Overview, Sales Analysis)



Contents

1. EXECUTIVE SUMMARY

2. UNITED STATES PROTON THERAPY MARKET – ACTUAL & POTENTIAL MARKET

- 2.1 United States Proton Therapy Market
- 2.2 United States Potential Proton Therapy Market & Forecast

3. UNITED STATES PROTON THERAPY PATIENT NUMBER – ACTUAL AND POTENTIAL

- 3.1 United States Patients Treated with Proton Therapy Actual Numbers & Forecast
- 3.2 United States Patients with Proton Therapy Potential Numbers & Forecast

4. UNITED STATES – LIST OF PROTON THERAPY CENTERS

5. UNITED STATES – PROTON THERAPY TREATED PATIENTS BY CENTERS

- 5.1 Loma Linda (LLUMC) Proton Therapy Center Number of Patients Treated (2008 2014)
- 5.2 UCSF CNL Proton Therapy Center Number of Patients Treated (2008 2015)
- 5.3 Boston (NPTC) Proton Therapy Center Number of Patients Treated (2008 2015)
- 5.4 Bloomington (MPRI, 2) Proton Therapy Center Number of Patients Treated (2008 2014)
- 5.5 Houston (MD Anderson) Proton Therapy Center Number of Patients Treated (2008 2015)
- 5.6 UFPTI Jacksonville Proton Therapy Center Number of Patients Treated (2008 2015)
- 5.7 Oklahoma City (ProCure PTC) Proton Therapy Center Number of Patients Treated (2009 2015)
- 5.8 CDH Warrenville Proton Therapy Center Number of Patients Treated (2010 2015)
- 5.9 Philadelphia (Upenn) Proton Therapy Center Number of Patients Treated (2011 –
 2015)
- 5.10 Hampton (HUPTI) Proton Therapy Center Number of Patients Treated (2012 2015)
- 5.11 New Jersey (ProCure PTC) Proton Therapy Center Number of Patients Treated



- (2012 2015)
- 5.12 Seattle (SCCA ProCure PTC) Proton Therapy Center Number of Patients Treated (2013 2015)
- 5.13 St. Louis (S. Lee King PTC) Proton Therapy Center Number of Patients Treated (2013 2015)
- 5.14 Provision Center for Proton Therapy, Knoxville, TN Number of Patients Treated (2014 2015)
- 5.15 San Diego (Scripps PTC) Number of Patients Treated (2014 2015)
- 5.16 Shreveport (Willis Knighton) Proton Therapy Center Number of Patients Treated (2014 2015)
- 5.17 Jacksonville (Ackerman CC) Proton Therapy Center Number of Patients Treated (2015)
- 5.18 Rochester (Mayo PBTC) Proton Therapy Center Number of Patients Treated (2015)
- 5.19 Brunswick (Laurie PC) Proton Therapy Center Number of Patients Treated (2015)
- 5.20 Irving (Texas Center for PT) Proton Therapy Center Number of Patients Treated (2015)
- 5.21 Memphis (St. Jude PTC) Proton Therapy Center Number of Patients Treated (2015)

6. PROTON THERAPY - REIMBURSEMENT POLICIES

- 6.1 Proton Therapy Reimbursement Policies for Patients
- 6.2 Proton Therapy Reimbursement for Institutions, Stakeholders and Manufacturers

7. COMPONENTS OF A STANDARD PROTON THERAPY CENTER

- 7.1 Proton Accelerator
 - 7.1.1 Synchrotrons (example: LLUMC at Loma Linda)
 - 7.1.2 Cyclotrons (example: MGH Boston)
 - 7.1.3 Synchrocyclotrons (examples: Orsay, Uppsala)
 - 7.1.4 Linacs (Rome)
 - 7.1.5 H-minus Synchrotrons
 - 7.1.6 Separated Sector Cyclotrons
 - 7.1.7 Super-conducting Cyclotrons
 - 7.1.8 Fast Cycling Synchrotron
- 7.2 Beam Transport System
- 7.3 Beam Delivery System



- 7.3.1 The Passive Scattering Technique
- 7.3.2 Beam Scanning
- 7.4 Nozzle
 - 7.4.1 Single Scattering
 - 7.4.2 Double Scattering
 - 7.4.3 Uniform Scanning Nozzle
 - 7.4.4 Pencil Scanning Nozzle
- 7.5 Treatment Planning System
- 7.6 Image Viewers
- 7.7 Patient Positioning System (PPS)
- 7.8 Human Resource

8. GLOBAL PROTON THERAPY - COMPANY ANALYSIS (2010-2021)

- 8.1 IBA Proton Therapy
 - 8.1.1 Sales Analysis
- 8.2 Varian Medical Systems
 - 8.2.1 Sales Analysis
- 8.3 Elekta
 - 8.3.1 Sales Analysis

9. PROTON THERAPY - DRIVING FACTORS

- 9.1 Technology Advancement
- 9.2 Growing Incidence of Cancer Patients in United States

10. PROTON THERAPY - CHALLENGES

- 10.1 Requires Huge Investment
- 10.2 Operations Challenges



List Of Figures

LIST OF FIGURES

- Figure 2 1: United States Proton Therapy Market (Million US\$), 2009 2016
- Figure 2 2: United States Forecast for Proton Therapy Market (Million US\$), 2017 2021
- Figure 2 3: United States Potential Proton Therapy Market (Million US\$), 2009 2016
- Figure 2 4: United States Forecast for Potential Proton Therapy Market (Million US\$), 2017 2021
- Figure 3 1: United States Patient Treated with Proton Therapy (Number), 2009 2016
- Figure 3 2: United States Forecast for Patient Treated with Proton Therapy (Number), 2017 2021
- Figure 3 3: United States Potential Candidate for Proton Therapy (Number), 2009 2016
- Figure 3 4: United States Forecast for Potential Candidate for Proton Therapy (Number), 2017 2021
- Figure 8 1: Global IBA Proton Therapy Sales (Million US\$), 2010 2016
- Figure 8 2: Global Forecast for IBA Proton Therapy Sales (Million US\$), 2017 2021
- Figure 8 3: Global Varian Medical Systems Oncology Systems Sales (Million US\$), 2010 2016
- Figure 8 4: Global Forecast for Varian Medical Systems Oncology Systems Sales (Million US\$), 2017 2021
- Figure 8 5: Global Elekta Radiation Technology Sales (Million US\$), 2010 2016
- Figure 8 6: Global Forecast for Elekta Radiation Technology Sales (Million US\$), 2017 2021
- Figure 9 1: United States Number of Patient Diagnosed With Cancer (Thousand), 2009 2016
- Figure 9 2: United States Forecast for Number of Patient Diagnosed With Cancer (Thousand), 2017 2021



List Of Tables

LIST OF TABLES

- Table 4 1: United States Proton Therapy Facilities in Operation
- Table 4 2: United States Proton Therapy Centers in Under-Construction
- Table 4 3: United States Proton Therapy Centers in Planning Phase
- Table 5 1: United States Loma Linda (LLUMC) Proton Therapy Center with Patients
- Treated (Number), 2008 2014
- Table 5 2: United States UCSF CNL Proton Therapy Center with Patients Treated
- (Number), 2008 2015
- Table 5 3: United States Boston (NPTC) Proton Therapy Center with Patients Treated
- (Number), 2008 2015
- Table 5 4: United States Bloomington (MPRI, 2) Proton Therapy Center with Patients
- Treated (Number), 2008 2014
- Table 5 5: United States Houston (MD Anderson) Proton Therapy Center with Patients
- Treated (Number), 2008 2015
- Table 5 6: United States UFPTI Jacksonville Proton Therapy Center with Patients
- Treated (Number), 2008 2015
- Table 5 7: United States Oklahoma City (ProCure PTC) Proton Therapy Center with
- Patients Treated (Number), 2009 2015
- Table 5 8: United States CDH Warrenville Proton Therapy Center with Patients
- Treated (Number), 2010 2015
- Table 5 9: United States Philadelphia (Upenn) Proton Therapy Center with Patients
- Treated (Number), 2011 2015
- Table 5 10: United States Hampton (HUPTI) Proton Therapy Center with Patients
- Treated (Number), 2012 2015
- Table 5 11: United States New Jersey (ProCure PTC) Proton Therapy Center with
- Patients Treated (Number), 2012 2015
- Table 5 12: United States Seattle (SCCA ProCure PTC) Proton Therapy Center with
- Patients Treated (Number), 2013 2015
- Table 5 13: United States St. Louis (S. Lee King PTC) Proton Therapy Center with
- Patients Treated (Number), 2013 2015
- Table 5 14: United States Provision Center for Proton Therapy, Knoxville, TN with
- Patients Treated (Number), 2014 2015
- Table 5 15: United States San Diego (Scripps PTC) with Patients Treated (Number),
- 2014 2015
- Table 5 16: United States Shreveport (Willis Knighton) Proton Therapy Center with
- Patients Treated (Number), 2014 2015



Table 5 17: United States – Jacksonville (Ackerman CC) Proton Therapy Center with Patients Treated (Number), 2015

Table 5 18: United States – Rochester (Mayo PBTC) Proton Therapy Center with Patients Treated (Number), 2015

Table 5 19: United States – Brunswick (Laurie PC) Proton Therapy Center with Patients Treated (Number), 2015

Table 5 20: United States – Irving (Texas Center for PT) Proton Therapy Center with Patients Treated (Number), 2015

Table 5 21: United States – Memphis (St. Jude PTC) Proton Therapy Center with Patients Treated (Number), 2015



I would like to order

Product name: United States Proton Therapy Market & Forecast, Reimbursement Policy, Patients

Treated at Proton Therapy Centers

Product link: https://marketpublishers.com/r/U8760E0182DEN.html

Price: US\$ 1,200.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/U8760E0182DEN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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



