

Japan Proton Therapy Outlook 2020

<https://marketpublishers.com/r/J7BBA4C7163EN.html>

Date: October 2015

Pages: 55

Price: US\$ 1,400.00 (Single User License)

ID: J7BBA4C7163EN

Abstracts

In the field of cancer treatment, Japan was second among the world's countries to offer proton therapy. However, the access to proton therapy is limited for a vast population, owing to a low number of proton therapy centers. Hence, a large number of research institutions and hospitals have started investing in proton therapy to make it more accessible to the colossal pool of cancer patients.

According to the "Japan Proton Therapy Outlook 2020" report by RNCOS, by 2020, there will be 13 operational proton therapy centers in Japan. Consequently, the market will attain revenue of around US\$ 150 Million by 2020, growing at a CAGR of 13% during the forecast period of 2015-2020. The report also provides an insight into the cancer demographics of Japan and the various possible reasons for an increasing incidence of cancer patients in the country.

Based on a complex correlation-regression model accounting population demographics, disease statistics, macro & micro economic indicators of the country, and more, the report provides an account of the potential proton therapy market in Japan. The report also includes the current and future demands for the number of proton therapy centers in the country. Furthermore, analysis of the current and upcoming proton therapy centers, along with an estimation of the shortage of proton centers in the current and future scenario is also provided, which is intended to help players extract benefits from the largely untapped but lucrative proton therapy market.

The report next provides an insight into the drivers, challenges, opportunities and market trends which can have a major influence in shaping the said growing market. On the competitive front, the report covers the current stand of the market and its probable transformation by 2020. There is also a 'strengths and weaknesses' analysis of equipment vendors along with their business overviews, products & services, and existing & planned installations in Japan till 2020, thus making the report a must read for

consultants and companies planning to enter the market.

Contents

1. ANALYST VIEW

2. RESEARCH METHODOLOGY

3. JAPAN CANCER DEMOGRAPHICS

3.1 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 Heavy Ion Radiotherapy

4.7 Proton Therapy

4.7.1 Need for 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. JAPAN PROTON THERAPY MARKET

6.1 Current Market Size and Future Growth

- 6.2 Potential Patients
 - 6.2.1 Market Penetration
- 6.3 Opportunity Assessment
- 6.4 Existing and Forthcoming Players Analysis
 - 6.4.1 Equipment Providers
- 6.5 Proton Therapy Centers Analysis

7. MARKET DYNAMICS

- 7.1 Drivers
 - 7.1.1 Increasing Incidence of Cancer
 - 7.1.2 Benefits of Proton Therapy over Conventional Therapies
 - 7.1.3 Low Cost of Treatment
 - 7.1.4 High Disposable Income
- 7.2 Challenges
 - 7.2.1 Increasing Adoption of Carbon Ion Radiotherapy
 - 7.2.2 Reimbursement Issues
- 7.3 Opportunity
 - 7.3.1 Medical Tourism

8. MARKET TRENDS

- 8.1 Centers with Lesser Number of Treatment Rooms
- 8.2 Dominance of Domestic Players in Proton Therapy Market

9. COMPETITIVE LANDSCAPE AND STRATEGIC ANALYSIS

- 9.1 Hitachi Medical Corporation (A Subsidiary of Hitachi Ltd.)
- 9.2 Sumitomo Heavy Industries, Ltd.
- 9.3 Mitsubishi Electric Corporation

List Of Figures

LIST OF FIGURES:

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\$), 2014-2020

Figure 6-2: Share of Proton Therapy Market in Potential Market (%), 2015

Figure 6-3: Share of Proton Therapy Market in Potential Market (%), 2020

Figure 6-4: Demand of Proton Therapy Centers (2015 & 2020)

Figure 6-5: Shortage of Proton Therapy Centers (2015 & 2020)

Figure 6-6: Share of Vendors by Number of Proton Accelerators Installed (%), 2015

Figure 6-7: Share of Vendors by Number of Proton Accelerators Installed (%), 2020

Figure 6-8: Number of Patients Treated with Proton Therapy for Cancer Type (%), 2013

Figure 7-1: Cancer Incidence ('000), 2012 to 2035

Figure 8-1: Proton Therapy Center by Number of Treatment Rooms (2015 & 2020)

List Of Tables

LIST OF TABLES:

- Table 3-1: Cancer Incidence Growth by Site (2015-2035)
- Table 5-1: Human Resource Requirements and their Role in Proton Therapy Center
- Table 6-1: Potential Patients for Proton Therapy (2015 & 2020)
- Table 6-2: Proton Therapy Centers, (2015)
- Table 6-3: Upcoming Proton Therapy Centers (2015 - 2020)
- Table 6-4: Proton Therapy Equipment Providers with Number of Installations, (2015)
- Table 6-5: Proton Therapy Equipment Providers with Number of Installations by 2020
- Table 9-1: Hitachi - Key Financials (Millions US\$), 2013-2015
- Table 9-2: Hitachi - Proton Therapy Installations in Japan
- Table 9-3: Hitachi - Upcoming Proton Therapy Installations in Japan
- Table 9-4: Hitachi - Strengths and Weaknesses
- Table 9-5: Sumitomo - Key Financials (Million US\$), 2013-2015
- Table 9-6: Sumitomo - Proton Therapy Installations in Japan
- Table 9-7: Sumitomo - Upcoming Proton Therapy Installations in Japan
- Table 9-8: Sumitomo - Strengths and Weaknesses
- Table 9-9: Mitsubishi - Key Financials (Million US\$), 2013-2015
- Table 9-10: Mitsubishi - Proton Therapy Installations in Japan
- Table 9-11: Mitsubishi - Upcoming Proton Therapy Installations in Japan
- Table 9-12: Mitsubishi - Strengths and Weaknesses

I would like to order

Product name: Japan Proton Therapy Outlook 2020

Product link: <https://marketpublishers.com/r/J7BBA4C7163EN.html>

Price: US\$ 1,400.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/J7BBA4C7163EN.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