Global Radiation Therapy Market: Industry Analysis & Outlook

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(2017-2021)

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Radiation therapy or radiotherapy is a therapy using ionizing radiation, generally as part of cancer treatment to control or kill malignant cells and normally delivered by a linear accelerator. Radiation therapy may be curative in a number of types of cancer if they are localized to one area of the body. It may also be used as part of adjuvant therapy, to prevent tumor recurrence after surgery to remove a primary malignant tumor (for example, early stages of breast cancer). Radiation therapy is synergistic with chemotherapy, and has been used before, during, and after chemotherapy in susceptible cancers. The sub-specialty of oncology concerned with radiotherapy is called radiation oncology.

The global radiotherapy market is segmented into three main categories; External beam therapy, internal beam therapy and others. Further, the external beam is classified into three different segments, namely; LINAC, proton beam therapy and compact advanced radiation therapy.

The key factors driving the growth of radiation therapy market are increase in the incidences of cancer, rising ageing population, increasing healthcare expenditure, increasing disposable income and rising replacement demand. One noteworthy trend in the market is integration of MRI with radiotherapy. However, the expansion of radiation therapy market is hindered by the severe side-effects of the therapy, high cost of treatment and lack of trained workers.

The report “Global Radiation Therapy Market: Industry Analysis & Outlook (2017-2021)” analyzes the development of this market, with focus on the North American, European, Asia-Pacific and Latin American regions. The major trends, growth drivers as well as issues being faced by the market are discussed in detail in this report. The four major players: Ion Beam Applications, Varian Medical Systems, Inc., Elekta AB and Accuray Inc, are being profiled along with their key financials and strategies for growth. The report contains a comprehensive analysis of the global radiation therapy market along with the study of the regional markets.
The continuously rising incidences of cancer, higher degree of awareness among masses, surging disposable incomes especially in developing regions such as Latin America and Asia-Pacific, government health care programs and continuous research and development efforts are the primary growth drivers for the global radiation therapy market.

• In 2016, the global radiation therapy market value was recorded at US$... billion and is estimated to reach nearly US$... billion by the end of 2021, growing at a CAGR of ...% from 2016 to 2021.
• As of 2016, North America accounted for ...% share, followed by Europe, Asia-Pacific and Latin America with ...%, ...% and ...% share, respectively.
• As of 2016, external beam therapy accounted for ...% of market revenue followed by internal beam therapy with ...% share only.
Asia-Pacific is expected to drive the market further in the next decade. Japan and China, the two main giants of this region provide ample market growth opportunity due to availability of large patient base but lesser therapy centers.

- In 2016, North America radiation therapy market was recorded at US$... billion and is further predicted to reach US$... billion mark by the end of 2021, growing at a CAGR of ...%, spanning from 2016 to 2021.
- In 2016, Europe radiation therapy market was recorded at US$... billion and is expected to rise upwards reaching US$... billion by the end of 2021.
- The Asia-Pacific radiotherapy market was worth US$... billion in 2016, and is estimated to be growing at a CAGR of ...%, to reach US$... billion by 2021.
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