

Global Radiation Therapy Market with Focus on Linear Accelerator (Linac): Industry Analysis & Outlook (2019-2023)

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Abstracts

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. Approximately 60 percent of all cancer cases involve some form of radiation therapy, and recent technological advancements by linear accelerator manufacturers allow for exceptional accuracy and safety in treating tumors, and limiting effects on the adjacent normal tissue.

The key factors driving the growth of radiation therapy market are increasing incidences of cancer cases, rising health care expenditure, escalating aging population, accelerating economic growth and adoption of unhealthy lifestyle. The major trends that can be observed are increased preference towards noninvasive procedures, increasing public awareness, technological advancements and emergence of artificial intelligence. However, the expansion of radiation therapy market is hindered by stringent regulations, barriers to implementation and harsh side effects of radiation therapy.

The report “Global Radiation Therapy Market with focus on LINAC: Industry Analysis & Outlook (2019-2023)” 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.

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