

Radiotherapy Market Size, Developments Status, Trends and Key Players Analysis, Forecast 2028

*Market Size – USD 6.50 Billion in 2020,
Market Growth – at a CAGR of 6.9%,
Market Trends- Rapid advancements in
radiotherapy*

NEW YORK, NY, UNITED STATES, March 24, 2022 /EINPresswire.com/ -- The global [radiotherapy market](#) is expected to reach USD 11.08 Billion in 2028 and register a revenue CAGR of 6.9% over

the forecast period, according to latest report published by Reports and Data. Key factors driving global market revenue growth are rising prevalence of cancer types such as breast cancer, prostate cancer, lung cancer, skin and lip cancer, and colorectal cancer across the globe, rising awareness about early detection of cancer and radiation therapy, and ongoing research on developing enhanced radiation therapy equipment.



Reports And Data

Radiotherapy, also called radiation therapy, is an efficient treatment approach for destroying malignant cells and reducing growth of the tumor. Radiation therapy includes use of high radiation doses to kill cancer cells by damaging DNA. Malignant cells with damaged genetic material lose the ability to multiply and die eventually. Radiation therapy does not destroy cells right away, it can take few weeks to months of treatment. Type of radiation therapy mainly depends on type of cancer, tumor size, exact location in the body, overall health, age, and medical conditions. However, healthy cells are also destroyed during the treatment leading to some short-term and long-term side effects. Factors driving global market revenue growth are increasing adoption of latest radiation therapy equipment in hospitals and ambulatory care services, growing use of particle therapy for treating cancer, improving healthcare infrastructure, and rising disposable income. Increasing awareness programs about importance of radiation therapy by various organizations to reduce fear and stigma among people and high focus on developing advanced systems are expected to fuel global market revenue growth going ahead.

However, factors such as lack of well-trained healthcare professionals to operate advanced radiation therapy systems, high capital investment and high maintenance cost, and after effects of radiation therapy such as fatigue, nausea, skin problems, loss of appetite, and diarrhea,

among others are factors that could hamper market revenue growth during the forecast period.

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Market Overview:

The pharma and healthcare industry is rapidly expanding in terms of revenue over the last few years and is expected to register significant revenue growth over the forecast period of 2028. Rapid advancements in the healthcare sector, rapid growth in the medical and healthcare sectors, availability of latest equipment and tools, rising healthcare expenditure and improvements in healthcare infrastructures are some key factors driving global market revenue growth. In addition to this, increasing investments in research and development activities, rising prevalence of various diseases and dearth of medications and hospitals during the ongoing COVID-19 pandemic are boosting market growth. Increasing number of funds by public and private sectors, rising adoption of point-of-care diagnosis and home settings, high demand for precision medicine and ongoing research on drug discovery are also expected to fuel market growth going ahead.

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Competitive Landscape

The report sheds light on the competitive landscape of the global Radiotherapy market and details about each market player, global position, financial standing, license agreement, and product and service portfolio along with business expansion plan. Major players are investing in research and development activities to develop and launch new products and services and are also focusing on adopting key strategies such as mergers and acquisitions, partnerships, joint ventures and collaborations to strengthen their market position and enhance their product base.

Leading companies operating in the global Radiotherapy market include:

Varian Medical Systems, Inc., Elekta, Accuray Incorporated, Ion Beam Applications SA, Eckert & Ziegler, Hitachi Ltd., ICAD, Inc., IntraOp Medical, Inc., IsoRay Medical, Inc., Mevion Medical Systems, Inc., Panacea Medical Technologies Pvt. Ltd., P-cure Ltd., ViewRay, Inc., ZEISS Group, C4 Imaging LLC, Optic Proton Therapy Inc., GE Healthcare Inc., and Siemens Healthineers AG are some key players profiled in the global radiotherapy market report.

Global Radiotherapy market segmentation:

Type Outlook (Revenue, USD Billion, 2018-2028)

- External Beam Radiotherapy
 - 3D Conformal Radiation Therapy
 - Intensity-Modulated Radiation Therapy (IMRT)
 - Image-Guided Radiation Therapy (IGRT)
- Chemotherapy
- Stereotactic Radiosurgery
- Others
- Internal Beam Radiotherapy/Brachytherapy
 - High dose Rate Brachytherapy
 - Low dose Rate Brachytherapy
 - Pulse dose Rate Brachytherapy
- Systematic Radiotherapy

Application Outlook (Revenue, USD Billion, 2018-2028)

- Breast Cancer
- Head and Neck Cancer
- Prostate Cancer
- Lung Cancer
- Colorectal Cancer
- Skin and Lip Cancer
- Cervical Cancer
- Others

End Use Outlook (Revenue, USD Billion, 2018-2028)

- Hospitals
- Ambulatory & Radiotherapy Centers
- Academic & Research Institutes
- Others

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