

Global Proton Therapy Market Outlook 2022

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Abstracts

Proton beam therapy or proton therapy, part of particle therapy is the most advanced form of radiation therapy with precise dose sculpting and efficiency. It is an external beam radiotherapy using photon ionizing radiation to irradiate tumors. It successfully eradicates side-effects associated with other forms of conventional radiation therapies for destroying cancer cells. The proton therapy systems market by technology has been segmented into pencil beam scanning systems, uniform scanning systems and passive scattering systems. Pencil beam scanning being the most precise method of proton beam delivery has highest dosimetric advantage.

Proton therapy has become mainstream treatment modality in cancer treatment worldwide due to its precise and non-invasive nature. Growth of the industry is mainly attributed to increasing prevalence of cancer, growth of geriatric population, minimally invasive nature and rise in public awareness. However, major industry restraints include high treatment cost, stringent regulations and limited insurance coverage. The industry is characterized by latest industry trends such as decreasing cost of proton therapy equipment and technological advancement in the industry.

The report “Global Proton Therapy Market Outlook 2022” provides an in-depth analysis of the current scenario, detailed market outlook of global proton therapy market. The report provides detailed proton therapy market assessment across major markets such as North America, Asia Pacific and Europe. North America is the world’s largest proton therapy market, followed by Asia and Europe. In-depth analysis of proton therapy market in aforementioned regions is done on the basis of installed base, proton therapy facilities (operational and upcoming) as well as patient treatment volume in respective markets.

Global proton therapy industry is highly consolidated with four major players – IBA Proton Therapy Inc, Varian Medical Systems, Hitachi Limited and Mitsubishi

Corporation dominating the market. These industry players are profiled herein based on attributes such as business overview, product segments, financial and business strategies. The report also compiles performance comparison of aforementioned companies and other leading companies in the segment based on various parameters in the competitive landscape section. In totality, the report provides detailed market analysis, with relevant forecasted data supported by key market dynamics. This information will be helpful in evaluating opportunities in global proton therapy market.

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