

# Global Proton Therapy Market: Industry Analysis & Outlook (2017-2021)

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## Abstracts

A non-invasive treatment, proton therapy has become a reliable method for precisely aiming tumors and minimizing damage to healthy tissues, thus reducing the risk of side effects and providing improved quality of life both during and following treatment. Also known as proton beam therapy, proton therapy is a type of radiation treatment that uses protons rather than x-rays to treat cancer. A proton is a positively charged particle. At high energy, protons can destroy cancer cells. Doctors may use proton therapy alone, or they may combine it with standard radiation therapy, surgery, chemotherapy or immunotherapy. Like standard x-ray radiation therapy, proton therapy is a type of external-beam radiation therapy. It painlessly delivers radiation through the skin from a machine outside the body.

Proton therapy is considered as the most advanced form of radiation therapy that uses high-energy proton beam to irradiate tumors. Owing to its benefits, proton therapy is used today to treat many cancers and is particularly appropriate in circumstances where treatment options are inadequate.

The global proton therapy market is set to experience favorable growth driven by factors such as increasing incidences of cancer, rising healthcare expenditure, escalating aging population and accelerating economic growth. The major trends observed in this market include declining cost of proton therapy per room, technological advancements, increasing public awareness and ongoing research efforts. However, the growth of this market is constrained by challenges such as high cost of proton therapy, stringent regulations and barriers to implementation.

The report "Global Proton Therapy Market: Industry Analysis & Outlook (2017-2021)" analyses the development of this market, with focus on North America, Europe and Asia

Pacific 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 SA, Varian Medical Systems, Hitachi, Ltd. Sumitomo Corporation and are being profiled along with their key financials and strategies for growth. The report contains a comprehensive analysis of the global proton therapy market along with the study of the regional markets.

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