

# Global Proton Therapy Market Report: 2015 Edition

<https://marketpublishers.com/r/GF84AB415F1EN.html>

Date: December 2015

Pages: 61

Price: US\$ 800.00 (Single User License)

ID: GF84AB415F1EN

## Abstracts

Radiation describes the way energy moves from one place to another. One of the top technological developments in the field of radiotherapy has allowed for the evolution of proton therapy. Proton therapy, also called proton beam therapy, is a type of radiation treatment that uses protons rather than x-rays to treat cancer. It is a highly precise method of radiotherapy which is suitable for all patients regardless of age, mainly depending on diagnosis. A proton is a positively charged particle. Technological upgradations like rotational gantries, higher energies and larger fields have expanded the application of proton therapy to almost every site of the human body .

Proton therapy market is mainly centred in the Americas, more specifically in the North American region. However, since last few years, it has been observed that the technology is now being adopted at a fast pace by medical specialists of the European and Asian regions. The technology around proton therapy has also made inroads in various other corners of the world all because of the increasing financial strength and interest of governments in its advancement.

Some of the factors driving the growth of proton therapy and thus radiation therapy are increasing number of cancer cases worldwide, growing preference for non-invasive procedures and technological innovations. Other factors like ageing population also promote the use of proton therapy equipments. Proton therapy treatment centers involve huge investments in terms of finance, location as well as experienced professional with hands-on-experience of this technology. Cutting edge technologies like pencil beam scanning hold the potential to elevate the ability to treat the highly complex tumors, while leaving healthy tissue and critical structures untouched. This particular technology is used with proton therapy and thus, many new proton centers are adapting it worldwide.

This report assesses the proton therapy market and associated terms in terms of both

market volume and market value. The top companies having a vicious competition with each other and dominating the industry are- IBA Inc, Varian Medical systems, Elekta, and Hitachi Ltd. These players are being profiled in the report along with their key financials and strategies for growth.

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