

Global Radiation Therapy in Oncology Market to Reach US\$8.86 Billion by the Year 2030 | Emergen Research

*Market Size – USD 5.68 Billion in 2021,
Market Growth – at a CAGR of 5.08%,
Market Trends – Commercialization of
proton*

VANCOUVER, BC, CANADA, June 2, 2022

/EINPresswire.com/ -- The global [radiation therapy in oncology market](#)

size is expected to reach USD 8.86 Billion at a revenue CAGR of 5.08% in 2030, according to latest analysis by Emergen Research. Steady market

revenue growth can be attributed to increasing prevalence of cancer and increasing adoption of radiation therapy procedures in hospitals, clinics, and other medical centers.



Emergen Research Logo

Increasing prevalence of cancer and rapid innovations in oncology treatment are major factors driving global radiation therapy in oncology market revenue growth

“

Market Size – USD 5.68 Billion in 2021, Market Growth – at a CAGR of 5.08%, Market Trends – Commercialization of proton

”

Emergen Research

Estimates from the World Health Organization (WHO) indicate that approximately 10 million deaths occurred globally due to cancer in 2020, with lung cancer accounting for over 1.5 million deaths. Rising incidence rate is expected to increase adoption of radiation therapy procedures in medical sector globally and support market revenue growth.

Radiation methods of cancer therapy are non-invasive, have a faster recovery time, decreased chance of post-surgery infections, and shorter period of hospitalization. Also, radiation therapy in oncology, especially internal radiation therapy, is

considered advantageous owing to use of localized radiation dose. This enables reduced radiation exposure to nearby tissues, and in turn, effectively lessens chances of second malignancies induced by radiation therapy, which is of severe concern, especially in case of children. Internal radiation therapy is often used for rare cases of cancer in pediatrics. According to WHO, around 400,000 children develop some form of cancer each year. Radiology procedures enable healthcare providers to reduce the mortality rate and accelerate the treatment process.

Click the link to get a Free Sample Copy of the Report:

<https://www.emergenresearch.com/request-sample/1025>

Some Key Highlights in the Report

On 04 October 2021, C-RAD AB announced the partnership agreement with Accuray Incorporated to improve the ability of Radixact System of the latter for treatment of breast cancer. As part of the partnership, both firms would offer customers with deep inspiration breath hold (DIBH) solution deploying the Radixact System and C-RAD Catalyst+ HD. Deep inspiration breath hold is a procedure often used for treating breast cancer.

Among the type segments, internal beam radiation therapy segment is expected to register rapid revenue CAGR over forecast period. Internal beam radiation therapy provides a concentrated radiation dose to tumor site instantly after removal of tumor, enabling destruction of leftover microscopic tumor cells. While performing internal beam radiation therapy, radiation oncologists administer an accurate radiation dose to safeguard healthy tissues, including skin, from any damage. This therapy helps in lessening requirement for additional radiation therapy.

Based on technology, image guided radiotherapy segment accounted for a significantly large revenue share in 2021. Image-guided radiation therapy integrates imaging procedures during each treatment session and deploys high-energy radiation beams to combat cancer and noncancerous tumors. Incorporation of detailed images enables image guided radiation therapy to reduce the focus area of radiation beam. Benefits of image guided radiotherapy comprises precise delivery of radiation, better definition, monitoring, and localization of tumor size, shape, and location prior to and during treatment.

Among the application segments, breast cancer segment accounted for considerably large revenue share in 2021. High incidence and mortality rate of breast cancer are driving adoption of radiation therapeutic methods in medical centers. According to the American Cancer Society, breast cancer accounts for approximately 30% of all cancers in women in the U.S.

Radiation therapy in oncology market in North America accounted for largest revenue share in 2021, attributed to rising prevalence of cancer, high use of novel procedures in oncology, and high healthcare expenditure. In addition, collaborations between academic institutions and medical device manufacturers to commercialize innovative radiation therapy techniques is another factor driving market growth in the region.

Some major companies in the global market report include Elekta AB, Isoray Medical, Nordion Inc., Varian Medical Systems Inc., NTP Radioisotopes SOC Ltd., Accuracy Inc., Viewray Technologies Inc., Mevion Medical Systems Inc., C. R. Bard Inc., and Curium Pharma.

To get leading market solutions, visit the link below:

<https://www.emergenresearch.com/industry-report/radiation-therapy-in-oncology-market>

Emergen Research has segmented the global radiation therapy in oncology market on the basis of type, technology, application, and region:

Type Outlook (Revenue, USD Billion; 2022–2030)

Internal Beam Radiation Therapy

External Beam Radiation Therapy

Technology Outlook (Revenue, USD Billion; 2022–2030)

Image Guided Radiotherapy

Stereotactic Technology

Proton Beam Therapy

Intensity Modulated Radiotherapy

3D Conformal Radiotherapy

Brachytherapy

Others

Application Outlook (Revenue, USD Billion; 2022–2030)

Breast Cancer

Lung Cancer

Prostate Cancer

Cervical Cancer

Colorectal Cancer

Others

Regional Outlook (Revenue, USD Billion; 2022–2030)

North America

U.S.

Canada

Mexico

Europe

Germany

U.K.

France

Italy

Spain

Sweden

BENELUX

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Rest of APAC

Latin America

Brazil

Rest of LATAM

Middle East & Africa

Saudi Arabia

UAE

South Africa

Israel

Rest of MEA

Get Discount on the Latest Report of UAS Traffic Management System Market :

<https://www.emergenresearch.com/request-discount/1025>

Table Of Content:

Chapter 1. Methodology & Sources

1.1. Market Definition

1.2. Research Scope

1.3. Methodology

1.4. Research Sources

1.4.1. Primary

1.4.2. Secondary

1.4.3. Paid Sources

1.5. Market Estimation Technique

Chapter 2. Executive Summary

2.1. Summary Snapshot, 2020-2028

Chapter 3. Key Insights

Chapter 4. Radiation Therapy in Oncology Market Segmentation & Impact Analysis

4.1. Radiation Therapy in Oncology Market Material Segmentation Analysis

4.2. Industrial Outlook

4.2.1. Market indicators analysis

4.2.2. Market drivers' analysis

4.2.2.1. Increasing use of drone for faster delivery of goods

4.2.2.2. Growth of e-commerce sector

4.2.2.3. Increasing investment in research and development

4.2.2.4. Advancement in technology

4.2.2.5. Supportive government regulations

4.2.2.6. Increasing demand for last mile delivery solutions

4.2.2.7. Emergence of 3PL vendors

4.2.3. Market restraints analysis

4.2.3.1. Issues associated with battery back-up

4.3. Technological Insights

4.4. Regulatory Framework

4.5. Porter's Five Forces Analysis

4.6. Competitive Metric Space Analysis

4.7. Price trend Analysis

4.8. Covid-19 Impact Analysis

Chapter 5. Radiation Therapy in Oncology Market By Type Insights & Trends, Revenue (USD Billion)

5.1. Type Dynamics & Market Share, 2021 & 2028

5.1.1. Freight Drones

5.1.2. Ambulance Drones

5.1.3. Passenger Drones

The report aims to answer the most common queries related to the global Radiation Therapy in Oncology market:

What is the scope of innovation in the current market landscape?

What are the current trends dictating global market growth?

What is the projected value of the market in 2027?

Which regional market is expected to witness the highest CAGR during the forecast period?

To get a customized sample of the report, visit: <https://www.emergenresearch.com/request-for-customization/1025>

Thank you for reading our report. For further information or queries regarding the report or its customization, please connect with us. Our team will ensure you get a report well-suited to your requirements.

Similar Reports By Emergen Research

distributed energy generation market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/distributed-energy-generation-market>

hydroponics market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/hydroponics-market>

electric vehicle charging infrastructure market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/electric-vehicle-charging-infrastructure-market>

adas and autonomous driving components market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/adas-and-autonomous-driving-components-market>

automotive adaptive lighting market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/automotive-adaptive-lighting-market>

fuel cells market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/fuel-cells-market>

automotive camera market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/automotive-camera-market>

automotive telematics market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/automotive-telematics-market>

intelligent transportation system market

<https://www.google.ac/url?q=https://www.emergenresearch.com/industry-report/intelligent-transportation-system-market>

About Us:

At Emergen Research, we believe in advancing with technology. We are a growing market research and strategy consulting company with an exhaustive knowledge base of cutting-edge and potentially market-disrupting technologies that are predicted to become more prevalent in the coming decade.

Eric Lee

Emergen Research

+91 90210 91709

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/575050261>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 Newsmatics Inc. All Right Reserved.