

Veterinary Stereotactic Radiosurgery System Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Gamma Knife, LINAC, Proton Beam Radiation Therapy (PBRT)/ Flash-RT, CyberKnife), By Application (Brain Tumours, Spinal Tumours, Other Applications), By End User (Veterinary Hospitals, Veterinary Specialty Clinics, Research and Academic Institutions), By Region and Competition, 2020-2030F

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Abstracts

Market Overview

The Global Veterinary Stereotactic Radiosurgery System Market was valued at USD 3.46 billion in 2024 and is projected to grow to USD 6.21 billion by 2030, reflecting a compound annual growth rate (CAGR) of 10.22%. This growth is driven by the increasing prevalence of cancer among companion animals, especially dogs and cats, prompting pet owners to seek advanced and non-invasive treatment solutions. Veterinary stereotactic radiosurgery (SRS) offers precise, high-dose radiation therapy targeted at tumors while minimizing damage to healthy tissue. Its growing adoption is supported by rising awareness of veterinary oncology options, as well as continuous innovation in devices tailored for animal-specific needs. The market is further fueled by increasing global pet ownership and enhanced standards of pet healthcare, which have expanded access to sophisticated treatments. As veterinary clinics and specialty hospitals adopt more cutting-edge technologies, the demand for SRS systems continues to rise. Additionally, advancements in veterinary diagnostics and oncology are enabling more accurate, personalized care, contributing to the expansion of this market.

segment across both developed and emerging economies.

Key Market Drivers

Growing Pet Ownership

The expansion of global pet ownership is a pivotal factor in the growth of the Veterinary Stereotactic Radiosurgery System market. With more households adopting pets, there is a corresponding increase in demand for high-quality veterinary healthcare. Particularly in developed regions, pets are increasingly regarded as family members, prompting owners to pursue advanced treatments such as SRS. This trend is also extending to emerging markets where improved access to veterinary services is enabling broader adoption of cutting-edge solutions. As the pet population grows and owners become more informed about specialized care, the demand for precise, non-invasive cancer treatment options like SRS is expected to continue climbing.

Key Market Challenges

Limited Availability of Specialized Veterinary Oncologists

A significant challenge to the broader adoption of veterinary SRS systems is the shortage of trained veterinary oncologists capable of operating the complex equipment and designing effective treatment plans. The precision required for SRS treatment necessitates both technical and clinical expertise, which remains limited in many regions. Additionally, the cost and availability of training programs for veterinary professionals in oncology are insufficient to meet rising demand. These limitations, particularly in rural or underserved areas, hinder the deployment and effective utilization of SRS systems, slowing the market's overall penetration.

Key Market Trends

Increasing Preference for Non-Invasive Treatments

There is a marked shift toward non-invasive treatment methods in veterinary medicine, driven by heightened concern for animal welfare and the desire for improved recovery outcomes. Stereotactic radiosurgery offers an effective, pain-minimizing alternative to traditional surgery, particularly for treating brain and spinal tumors. With faster recovery times, reduced risk of complications, and minimal hospitalization, SRS is becoming increasingly preferred by pet owners and veterinarians alike. As non-invasive methods

become more mainstream in both human and animal healthcare, the veterinary field is embracing technologies that enhance treatment precision and pet comfort.

Key Market Players

Avante Health Solutions

Accuray Inc.

Elekta AB

Varian Medical Systems Inc.

PetCure Oncology

Xstrahl Inc.

CVS Group

Medtronic PLC

Nanovi AS

Merck & Co. Inc.

Report Scope:

In this report, the Global Veterinary Stereotactic Radiosurgery System Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Veterinary Stereotactic Radiosurgery System Market, By Product:

Gamma Knife

LINAC

Proton Beam Radiation Therapy (PBRT)/ Flash-RT

CyberKnife

Veterinary Stereotactic Radiosurgery System Market, By Application:

Brain Tumours

Spinal Tumours

Other Applications

Veterinary Stereotactic Radiosurgery System Market, By End User:

Veterinary Hospitals

Veterinary Specialty Clinics

Research and Academic Institutions

Veterinary Stereotactic Radiosurgery System Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Veterinary Stereotactic Radiosurgery System Market.

Available Customizations:

Global Veterinary Stereotactic Radiosurgery System Market report with the given

Veterinary Stereotactic Radiosurgery System Market - Global Industry Size, Share, Trends, Opportunity, and For...

market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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