

CyberKnife Market Size, Share & Trends Analysis Report By Application (Tumor, Cancer, Vascular Malformation), By End-use (Hospitals, Outpatient Facilities, Research & Manufacturing), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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CyberKnife Market Growth & Trends

The global cyberKnife market size is estimated to reach USD 1.79 billion by 2030, registering growth at a CAGR of 17.6% from 2025 to 2030 according to a new report by Grand View Research, Inc. Introduction of new technologically advanced products that reduces the overall time it takes to conduct the procedure is driving the market growth.

Major market players are focusing on launching their technologically advanced products in established as well as emerging markets. In addition, they are also aiming to spread their presence in under-developed regions which can serve as a major life saving factor in these regions. For instance, in September 2022, Accuray Incorporated announced the launch of its new CyberKnife system in Africa with an aim to provide access to extremely precise stereotactic radiosurgery and stereotactic body radiation therapy to more patients.

Moreover, partnerships and collaborations by the key manufacturers in the market are also driving the sales of the cyberKnife market. For instance, in October 2022, Accuray collaborated with Brain lab to enhance and expand the capabilities of its cyberKnife platform for the neuro-radiosurgery market. The collaboration will offer

Accuray, Incorporated, access t%li%Brain lab elements planning software t%li%the neuro-radiosurgery community.

Another factor leading t%li%a rise in sales of cyberKnife is the favorable reimbursement scenari%li%across different applications. In October 2022, Japanese Ministry of Health, Labor, and Welfare approved reimbursement for the cyberKnife system for the treatment of trigeminal neuralgia. Since its introduction, the cyberKnife system has evolved as a full-body radiosurgery system that enables consistent delivery of extremely precise treatments t%li%tumors throughout the body. Thus, representing lucrative growth opportunities during the forecast period.

CyberKnife Market Report Highlights

Cancer led the market and accounted for a share of 43.8% in 2024. The American Cancer Society estimates that in 2023, approximately 1,958,310 new cancer cases will be diagnosed in the U.S., with the five most prevalent types being breast, prostate, lung, bronchial, and colorectal cancers.

The hospitals segment led the market and accounted for a share of 51.2% in 2024, fueled by highly skilled professionals and an increasing volume of patient visits.

North America cyberknife market dominated the global market with a revenue share of 41.5% in 2024.

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