

Pediatric Neuroblastoma Treatment Market Demand Is Set To Rise at an Impressive 9.7% CAGR Through 2033

The pediatric neuroblastoma treatment market offers insights on key factors in treatment, distribution, and regions, plus key player strategies.

ROCKVILLE, MD, UNITED STATES, October 19, 2023 /EINPresswire.com/ -- The incidence of diverse cancer types has seen a rise across European nations. Consequently, numerous new awareness campaigns have been initiated to educate the public about these various forms of cancer. Furthermore, heightened investments in cancer research and development, a growing emphasis on improving healthcare infrastructure, and an increasing occurrence of pediatric neuroblastoma are among the factors that may stimulate a greater demand for pediatric neuroblastoma treatment market in European countries, including Germany, the United Kingdom, France, and others.

In 2023, the global [pediatric neuroblastoma treatment market size](#) is valued at US\$ 2.1 billion, and it is anticipated to experience remarkable growth at a compound annual growth rate (CAGR) of 9.7% over the coming decade. Consequently, the global demand for pediatric neuroblastoma treatment is projected to generate revenue of US\$ 5.3 billion by the end of 2033.

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Advancements in Pediatric Neuroblastoma Research and Treatment

Pediatric neuroblastoma is a prevalent cancer that frequently originates in the adrenal glands situated atop the kidneys, with a higher incidence among children aged 5 or younger. Current treatment options for pediatric neuroblastoma typically encompass chemotherapy, radiotherapy, and stem cell transplantation.



The growing number of newly diagnosed cases of pediatric neuroblastoma, coupled with increased investments in the development of innovative treatment modalities, is anticipated to drive market expansion in the foreseeable future.

- In March 2023, the University of Leeds and Leeds Children's Hospital forged a collaborative partnership to inaugurate the Children's Health Outcomes Research at Leeds (CHORAL) Research Centre. Over the course of a five-year project, the CHORAL Research Centre will concentrate on childhood disorders, including cancers, mental health issues, and chronic diseases. Notably, the project has secured substantial funding of approximately US\$6.6 million from Leeds Hospital Charity, the University of Leeds, and Leeds Teaching Hospitals NHS Trust.

Factors Influencing the Future of Pediatric Neuroblastoma Treatment

The future of pediatric neuroblastoma treatment is poised for growth due to increasing demand for drugs and therapeutics, government initiatives promoting awareness, and global healthcare infrastructure investments. Additionally, the approval of new treatments by regulatory authorities is expected to boost the market through 2033.

However, challenges loom as high treatment costs and heightened awareness of potential side effects may hinder demand over the next decade. Non-profit organizations, such as the Isabella Santos Foundation in North Carolina, are stepping in to provide affordable precision medicine treatments for neuroblastoma in children.

With the continuous development and introduction of advanced cancer treatment alternatives, the landscape for pediatric neuroblastoma treatment providers is set to evolve, creating new opportunities in the field.

Key Companies Profiled

- Bayer AG
- Pfizer Inc.
- APEIRON Biologics AG
- Baxter
- United Therapeutics Corporation
- MacroGenics Inc.
- Cellectar Biosciences Inc.

Pediatric Neuroblastoma Treatment Start-ups Secure Capital and Regulatory Approvals to Propel Global Expansion

In June 2022, Ariceum Therapeutics, a pioneering startup renowned for its radiopharmaceutical products, successfully concluded its Series A funding round, securing approximately US\$ 26.3 million in investments. Leading participants in this funding initiative included EQT Life Sciences,

HealthCap, and Pureos Bioventures. The company's primary objective for raising these funds is to accelerate the research and development of satoreotide, a potential treatment for neuroblastoma, neuroendocrine tumors, and more. This strategic move positions them to broaden their research scope and enhance their global business footprint in the field of pediatric neuroblastoma treatment.

Accelerator Programs and Support for Pediatric Neuroblastoma Treatment Start-ups

Pediatric neuroblastoma treatment start-ups can find valuable support through accelerator programs and other initiatives designed to help them scale their businesses with the backing of established authorities or companies in the market. Moreover, these companies are encouraged to diversify their focus to include the development of pediatric leukemia treatment, pediatric lymphoma treatment, and other health solutions for children.

- In January 2021, KidsX, an international consortium of pediatric hospitals dedicated to advancing digital health, unveiled its selection of 13 start-up companies for inclusion in its accelerator program. This program is set to foster innovation and growth in the field of pediatric healthcare.

For more insights into recent advancements made by start-ups and their impact on product standards and pricing trends, refer to the latest pediatric neuroblastoma treatment market research study conducted by Fact.MR, a prominent market research and competitive intelligence provider.

Chemotherapy: The Dominant Primary Treatment Approach for Pediatric Neuroblastoma

In the context of pediatric neuroblastoma treatment, the market is categorized based on various therapeutic methods, including chemotherapy, immunotherapy, and other approaches.

Chemotherapy has consistently emerged as the prevalent and favored treatment option for a wide spectrum of cancers, and this holds true for neuroblastoma as well. Chemotherapy is employed to mitigate the adverse symptoms and curtail the proliferation of cancer cells. Furthermore, it is frequently administered in conjunction with other therapeutic modalities to enhance its efficacy and expedite the recovery process for patients.

Anticipated growth in the market is driven by escalating investments in the research and development of innovative chemotherapy solutions, as well as the increasing effectiveness of chemotherapy protocols in the treatment of pediatric neuroblastoma.

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Industry Competition Overview

Prominent providers of pediatric neuroblastoma treatments are strategically prioritizing the expansion of neuroblastoma awareness through the introduction of innovative educational campaigns, facilitating their outreach to potential patients.

- In August 2021, United Therapeutics, a prominent American biotechnology firm, unveiled a collaboration with former NFL player Devon Still and his daughter Leah to initiate the "Braving NeuroBLASToma" educational campaign. This endeavor aimed to enhance public understanding of the condition that impacts immature nerve cells, commonly referred to as neuroblasts.

Leading providers of pediatric neuroblastoma treatment are expediting the introduction of novel products through accelerated clinical trials and the attainment of fresh regulatory approvals.

- In March 2023, Aptorum Group Limited, a pharmaceutical company based in the United Kingdom, unveiled the successful conclusion of their End of Phase 1 (EOP1) meeting with the United States Food and Drug Administration (FDA) for SACT-1. This drug is a repurposed solution designed to combat neuroblastoma.

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