

# **CRISPR-based Gene Editing Market Size, Share & Trends Analysis Report By Product & Service (CRISPR Kits & Reagents), By Application (Biomedical, Agricultural), By End Use, By Region, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 3 Business Days

### **Cranial Implants Market Growth & Trends**

The global cranial implants market size is anticipated to reach USD 2.09 billion by 2030, according to a new report by Grand View Research, Inc. It is expected to expand at a CAGR of 6.5% from 2024 to 2030. Increasing cases of brain cancer and traumas such as malignant brain tumor is anticipated to boost the growth. For instance, according to the American Cancer Society, in 2019, 23,820 people were diagnosed with brain tumor.

One of the major causes of brain tumor is abnormal changes that occur in normal brain cells that may lead to formation of brain tumors. Brain tumor is classified into benign which is non-cancerous and malignant tumors which are cancerous. Prevalence of malignant tumor is witnessing a rise in U.S. owing to the factors such as unhealthy lifestyle and genetic disorders.

Technological advancements such as 3D printing, cranial implant fabrication through computer aided design/computer aided manufacturing modeling, regeneration of larger bone defects through tissue engineering therapies plays a vital role in fueling market growth. For instance, Renishaw plc, launched its metal 3D printing craniomaxillofacial implants which produces complex shapes that are not possible with traditional machining method.

## Cranial Implants Market Report Highlights

Customized cranial implants segment led the market in 2023, attributed to the increasing number of patients suffering from brain defects due to brain tumor and traumatic brain injuries

Hospitals led the cranial implants market with the highest revenue share in 2023 due to the factors such as availability of skilled neurosurgeons and improving healthcare infrastructure in the developing countries

Polymer segment holds the major market share owing to increasing usage of polymer in cranioplasty surgical procedure for treatment of skull defects and brain tumor

North America led the market with the highest revenue share in 2023 owing to the adoption of technological advanced products, government initiatives, and increasing disposable income of the individuals

Key players opt for technologically enhanced products to gain a competitive edge. For instance, in 2017 Stryker launched its CUSTOMIZED PEEK IMPLANTS. Polyether ether ketone is an organic thermoplastic polymer specially designed and manufactured according to 3D medical imaging. It also offers anesthetic correction in the cranial area

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