

## **North America Orthognathic Craniomaxillofacial (Cmf) Devices Market Forecast 2025-2032**

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### **Report description:**

#### KEY FINDINGS

The North America orthognathic craniomaxillofacial devices market is anticipated to rise with a CAGR of 5.98% over the forecasting years of 2025 to 2032. The market was valued at \$655.78 million in 2024, reaching a revenue of \$1118.04 million by 2032.

#### MARKET INSIGHTS

The regional market's growth is ascribed to the increasing prevalence of facial deformities and congenital anomalies, advancements in surgical techniques, and heightened awareness of corrective jaw surgeries. A rise in trauma-related injuries and a growing interest in cosmetic surgical procedures further boosts the craniomaxillofacial surgical equipment market growth. Moreover, the availability of advanced CMF technologies, well-developed healthcare infrastructure, and supportive reimbursement policies significantly contribute to the market's expansion. The demand for facial bone implants and jaw correction devices continues to increase, driven by the need for precision and improved surgical outcomes.

However, the North America orthognathic craniomaxillofacial devices market is likely to be hindered by the high costs associated with surgical procedures and advanced devices, which may limit accessibility for patients without adequate insurance coverage. Additionally, the complexity of CMF surgeries and the potential risks, such as infection or complications, can deter patients from opting for these treatments. The growing role of MF medical devices in enhancing procedural efficiency and patient outcomes could help overcome some of these challenges.

#### REGIONAL ANALYSIS

The North America orthognathic craniomaxillofacial devices market growth assessment constitutes the study of the United States and Canada.

The rising prevalence of congenital craniofacial abnormalities and traumatic injuries mainly fuels the United States market. The increasing adoption of advanced surgical techniques, such as 3D printing and virtual surgical planning, enhances procedural accuracy and boosts the use of orthognathic surgery devices.

According to the National Hospital Ambulatory Medical Care Survey (2021) by the National Center for Health Statistics, the number of emergency department visits for unintentional injuries was approximately 25.5 million in the United States.

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Maxillofacial injuries make up approximately 11% of sports-related injuries reported by the National Collegiate Athletic Association (NCAA) and occur at a rate of 0.2 to 1.5 injuries per 1,000 athletic events or exposures.

Additionally, the demand for minimally invasive procedures, along with the availability of advanced CMF devices such as 3D-printed implants and titanium-based materials, is driving the growth of the craniomaxillofacial implant market. Canada's healthcare infrastructure and the rising number of specialized medical professionals further contribute to market expansion.

#### SEGMENTATION ANALYSIS

The North America orthognathic craniomaxillofacial devices market is segmented into product type, material, and end-user. The material category is further segmented into metal, bioabsorbable material, ceramic, and other materials.

Metals such as titanium and stainless steel are commonly used for CMF devices due to their strength, lightweight nature, and biocompatibility. Titanium, in particular, is favored for its resistance to corrosion, ability to integrate with bone and durability, making it ideal for plates, screws, and other structural components in jaw surgeries.

These materials are also widely utilized in craniomaxillofacial surgical equipment, ensuring reliability and longevity in complex procedures. The demand for jaw surgery devices continues to rise, driven by advancements in materials science and an increasing focus on precision in surgical outcomes.

#### COMPETITIVE INSIGHTS

Some of the top players operating in the North America orthognathic craniomaxillofacial devices market include KLS Martin, Acumed LLC (OsteoMed), DePuSynthes (Johnson & Johnson Inc) etc.

DePuy Synthes, a subsidiary of Johnson & Johnson Medical Devices Companies, is an orthopedic company that provides solutions for joint replacement, trauma, sports medicine, cranio-maxillofacial surgery, power tools, and biomaterials.

The company was founded in the year 2012 when Johnson & Johnson acquired Synthes and merged it with the DePuy brand, forming the DePuy Synthes division. The company is based in Warsaw, Indiana, USA.

The company's product, MatrixMANDIBLE Plating System, offers internal fixation solutions designed for mandible trauma and reconstruction procedures. The system features a range of mandible plates and screws, with components and instruments conveniently color-coded for ease of use.

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