

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

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### **Report description:**

#### **KEY FINDINGS**

The Europe orthognathic craniomaxillofacial devices market is anticipated to rise with a CAGR of 6.81% over the forecasting years of 2025 to 2032. The market was valued at \$356.31 million in 2024, and is expected to reach a revenue of \$626.93 million by 2032.

The regional market's growth is ascribed to cutting-edge technologies in orthognathic surgery, such as 3D imaging, computer-assisted surgical planning, and custom-made implants. These advancements improve precision, reduce recovery times, and enhance patient outcomes, thereby driving the demand for CMF devices.

#### **MARKET INSIGHTS**

Moreover, Europe has an aging population, with a rising number of elderly individuals who require orthognathic surgeries to address age-related issues like jaw misalignment, tooth loss, and related functional impairments. This demographic shift contributes to the increased demand for CMF devices.

European countries have well-established healthcare systems, with strong public health programs and insurance schemes that make medical procedures, including orthognathic surgery, more accessible to a larger population. This ensures a consistent demand for CMF devices.

However, the availability and increasing popularity of non-surgical alternatives, such as orthodontic treatments for jaw misalignments and less invasive procedures, may reduce the demand for more invasive orthognathic surgeries, particularly in patients with mild to moderate conditions.

#### **REGIONAL ANALYSIS**

The Europe orthognathic craniomaxillofacial devices market growth evaluation comprises the study of the United Kingdom, Germany, France, Italy, Spain, the Netherlands, Norway, and Rest of Europe.

Germany increasingly prioritizes both the aesthetic and functional benefits of orthognathic procedures, including improved facial symmetry, speech, and chewing efficiency, which has led to a rise in these surgeries. The increasing demand for orthognathic surgery devices reflects the growing need for precision in these procedures.

As per the UN Population Division, Germany's geriatric population is expected to make up nearly one-third of the total population and will approximately increase by 41% to reach 24 million by 2050. Meanwhile, the working-age population (15 to 64 years) is projected to decline by 23%, dropping from approximately 53 million in 2015 to around 41 million by 2050. This demographic shift is a key driver for the demand for orthognathic craniomaxillofacial (CMF) procedures in Germany.

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The aging population is more prone to age-related craniofacial conditions, such as jaw misalignment, temporomandibular joint (TMJ) disorders, and bone degeneration, which necessitate corrective surgeries as well as craniofacial reconstruction devices. The expansion of the craniomaxillofacial implant market also plays a significant role in meeting the growing need for advanced treatments, as these implants are essential for improving both the aesthetic and functional outcomes of surgeries. Similarly, the Netherlands has one of the most efficient and accessible healthcare systems globally, ensuring residents have access to high-quality medical care, including specialized orthognathic procedures. Dutch healthcare emphasizes early diagnosis and preventive measures, leading to the timely identification of jaw-related issues and increasing the demand for corrective surgeries.

This has led to a corresponding increase in the availability of craniomaxillofacial surgical equipment, facilitating better outcomes. A strong culture of dental and oral hygiene in the Netherlands means patients are more likely to seek corrective procedures to address jaw alignment and functionality issues, leading to the demand for jaw surgery devices to ensure that these surgeries are performed with the utmost precision and efficiency.

#### SEGMENTATION ANALYSIS

The Europe orthognathic craniomaxillofacial devices market is segmented into product type, material, and end-user. The product type segment is further classified into cranial flap fixation, CMF distraction, temporomandibular joint replacement, bone graft substitute, and MF plate and screw fixation.

Temporomandibular joint (TMJ) replacement devices are specialized medical devices used to replace or reconstruct the temporomandibular joint, which connects the lower jaw (mandible) to the skull. This joint allows for movements like speaking, chewing, and swallowing. TMJ replacement devices are used in orthognathic surgeries when the joint is severely damaged due to conditions such as arthritis, trauma, congenital disorders, or other diseases.

Temporomandibular joint (TMJ) replacement devices are crucial in restoring function and improving quality of life for patients with severely damaged TMJ, often caused by arthritis, trauma, or congenital disorders. In addition to TMJ replacements, other specialized devices like facial bone implants and jaw correction devices are commonly used in orthognathic surgeries to address various craniofacial issues.

These devices, including craniomaxillofacial (CMF) medical devices, play a vital role in restoring the anatomical integrity of the face and jaw, ensuring not only functional restoration for chewing, speaking, and swallowing but also enhancing facial aesthetics. As advancements in medical technology continue, these devices are becoming more precise and tailored to individual patient needs, offering improved outcomes in TMJ replacement surgeries.

#### COMPETITIVE INSIGHTS

Some of the top players operating in Europe orthognathic craniomaxillofacial devices market include Zimmer Biomet, KLS Martin, Acumed LLC (OsteoMed), CADSkills, Stryker Corporation, etc.

Zimmer Biomet Holdings Inc is a leading medical device company specializing in musculoskeletal healthcare. The company develops, manufactures, and markets a wide range of products, including orthopedic reconstructive items, biologics, sports medicine solutions, extremities and trauma products, as well as spine, craniomaxillofacial, and thoracic devices.

Additionally, Zimmer Biomet offers office-based technologies, dental implants, and other related surgical products. The company distributes its products through both direct sales and distribution channels across the Americas, Europe, Asia-Pacific, the Middle East, and Africa. Zimmer Biomet is headquartered in Warsaw, Indiana, USA.

Zimmer Biomet's One2One Orthognathic is designed to provide solutions for orthognathic surgeries, offering precision and reliability for facial reconstruction and jaw alignment procedures. This system includes a range of plates, screws, and surgical instruments developed to address the unique anatomical needs of patients undergoing jaw surgery.

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