

Asia-Pacific Orthognathic Craniomaxillofacial (Cmf) Devices Market Forecast 2025-2032

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Report description:

KEY FINDINGS

The Asia-Pacific orthognathic craniomaxillofacial devices market is projected to rise with a CAGR of 6.39% over the forecasting years of 2025 to 2032. The market was valued at \$243.17 million in 2024, and is expected to reach a revenue of \$455.80 million by 2032.

The regional market's growth is ascribed to emerging economies like China, India, and Indonesia heavily investing in healthcare infrastructure, making surgical treatments, including orthognathic procedures, more accessible. For instance, according to IBEF, the Union Budget 2024-25 focuses on advancing India's healthcare sector by strengthening digital infrastructure and allocating a revised health budget of Rs. 89,287 crores (\$10.70 billion).

MARKET INSIGHTS

The aging population in countries like Japan, where 28% of people are 65 or older, is also contributing to the increased need for corrective surgeries to address functional and degenerative jaw issues, thereby fueling the demand for CMF devices in the region. Countries such as South Korea, Thailand, and India have become key destinations for medical tourism. They attract international patients seeking orthognathic surgeries due to their advanced surgical techniques, cost-effective treatments, and state-of-the-art medical facilities. In regions like South Korea and Japan, the cultural focus on facial aesthetics and improving one's appearance further drives the growing demand for corrective jaw surgery devices and the use of advanced CMF devices.

However, a shortage of qualified maxillofacial surgeons with expertise in using advanced CMF devices limits the widespread adoption of these procedures in this region. While urban centers have seen significant growth in demand for orthognathic surgeries, many rural areas lack awareness of these procedures and their benefits. This results in fewer patients seeking treatment and reducing the overall craniomaxillofacial implant market potential.

REGIONAL ANALYSIS

The Asia-Pacific orthognathic craniomaxillofacial devices market growth study comprises the evaluation of China, Japan, India, South Korea, Thailand, Australia & New Zealand, and Rest of Asia-Pacific.

Japan's statutory health insurance system, providing universal coverage with citizens covering only 30% of healthcare costs, significantly impacts the orthognathic procedures market. This system ensures affordability and accessibility to advanced medical

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care, including specialized services like orthognathic surgery and the demand for craniomaxillofacial surgical equipment. Lower co-payments, particularly for children and low-income elderly, encourage individuals with functional or aesthetic jaw issues to seek corrective procedures.

According to the Population Reference Bureau, 28% of Japan's population is aged 65 and older. This demographic trend significantly impacts the demand for orthognathic surgeries, as older individuals are more likely to require corrective procedures for age-related functional issues. These include bite problems, temporomandibular joint disorders, and jaw alignment challenges. The Ministry of Health and Welfare (MOHW) reported that South Korea welcomed 606,000 foreign patients in 2023, marking a significant 144.2% increase compared to the 248,000 patients recorded in 2022. South Korea's reputation for advanced surgical techniques, experienced specialists, and state-of-the-art medical facilities makes it a top destination for individuals seeking corrective jaw surgeries.

This influx of international patients not only boosts demand for orthognathic procedures but also drives innovation and investment in the field, further solidifying South Korea's position as a global leader in medical and aesthetic surgeries.

SEGMENTATION ANALYSIS

The Asia-Pacific orthognathic craniomaxillofacial devices market is segmented into product type, material, and end-user. The end-user segment is further divided into hospitals, specialized clinics, ambulatory surgery centers, and other end-users. Hospitals play a key role in the orthognathic CMF medical devices market due to their ability to handle complex surgeries requiring multidisciplinary teams and advanced equipment. They are often the primary choice for patients with severe jaw deformities or associated medical conditions requiring jaw correction devices.

COMPETITIVE INSIGHTS

Some of the major companies operating in the Asia-Pacific orthognathic craniomaxillofacial devices market include Acumed LLC (OsteoMed), Zimmer Biomet, Anatomics Pvt Ltd, Stryker Corporation, etc.

Stryker Corporation is a medical technology company specializing in the development and production of products and services in neurotechnology, orthopedics, medical and surgical care, and spine solutions. Its product portfolio includes orthopedic implants, surgical instruments, navigation systems, patient handling solutions, emergency medical equipment, disposable intensive care products, and endoscopic and communication systems.

The company also provides neurosurgical tools, neurovascular devices, spinal products, and medical technologies designed for various medical conditions. Stryker distributes its products globally across the Americas, Asia-Pacific, Europe, the Middle East, and Africa. The company is headquartered in Kalamazoo, Michigan, USA.

Stryker Corporation's Facial iD Mandible Reconstruction Plate is crafted based on patient-specific CT data and is pre-shaped to align with the planned design and the patient's unique anatomy.

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