

Global Craniomaxillofacial (CMF) Devices Market – Products, Materials and Applications

This global report on Craniomaxillofacial (CMF) Devices analyzes the global and regional markets based on Product (CMF Plate and Screw Fixation, Cranial Flap Fixation Devices, CMF Distraction System, Bone Graft Substitutes, Temporomandibular Joint (TMJ) Replacement Devices, Thoracic Fixation Devices), Material (Metal, Bioabsorbable Materials, Ceramics, Polymers), and Application (Neurosurgery and ENT Surgery, Orthognathic and Dental Surgery, Plastic Surgery, Other Applications) for 2021-2030 period with projection from 2024 to 2030 in terms of value in US\$

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Craniomaxillofacial (CMF) Devices Market Trends and Outlook

Craniomaxillofacial (CMF) devices comprise a range of specialized medical implants and devices to treat disorders or injuries impacting the skull, face, and jaw. These devices are integral to reconstructive surgeries, trauma care, and orthognathic procedures, facilitating the restoration of structure and function in the craniomaxillofacial region. CMF devices, which include plates, screws, bone graft substitutes, distraction systems, and TMJ replacements, are essential for stabilizing, aligning, and reconstructing facial structures. They address facial fractures, congenital deformities, jaw misalignment, and skull repairs. Recent advancements in materials such as biocompatible metals, ceramics, and biodegradable polymers have enhanced healing processes and reduced the need for secondary surgeries. Moreover, 3D-printed implants for personalized facial reconstruction, smart sensors for healing monitoring, and augmented reality for surgical precision are revolutionizing CMF surgery. These devices are extensively used across diverse medical fields, including neurosurgery, otolaryngology, plastic surgery, dentistry, and orthognathic surgery, supporting treatments for skull fractures, jaw realignment, and facial reconstruction. As the demand for aesthetic enhancements and trauma interventions continues to escalate, CMF devices are pivotal in restoring facial symmetry, enhancing functionality, and improving overall quality of life. Furthermore, CMF technologies are increasingly deployed in complex procedures such as cranial flap fixation, distraction for deformity correction, and thoracic fixation for spinal stabilization, ensuring superior outcomes in challenging clinical scenarios. The global Craniomaxillofacial (CMF) Devices market is estimated to be valued at \$2.1 billion in 2024 and is projected to grow to \$3.5 billion by 2030, with a CAGR of 8.8% during the forecast period 2024-2030.

Craniomaxillofacial (CMF) Devices Market Report Scope

This global report on Craniomaxillofacial (CMF) Devices analyzes the market based on product, material, and applications. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been covered to offer a clear panorama of how and where the market is progressing.

Key Metrics

Historical Period:	2021-2023
Base Year:	2024
Forecast Period:	2024-2030
Units:	Value market in US\$
Companies Mentioned:	15+

Craniomaxillofacial (CMF) Devices Market by Geographic Region

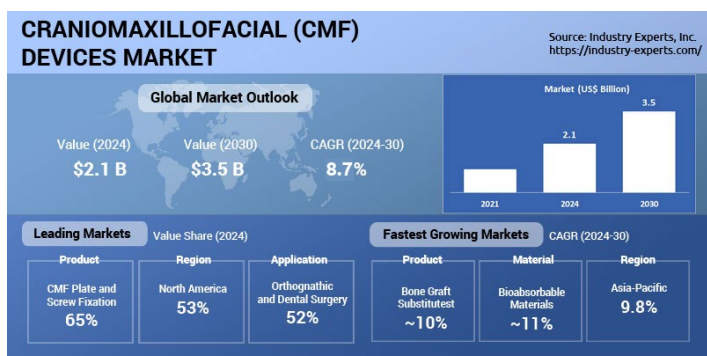
- North America (The United States, Canada, and Mexico)
- Europe (Germany, France, United Kingdom, Italy, Spain, and Rest of Europe)
- Asia-Pacific (Japan, China, India, South Korea, and Rest of Asia-Pacific)
- South America (Brazil, Argentina, and Rest of South America)
- Rest of World

Craniomaxillofacial (CMF) Devices Market by Product

- CMF Plate and Screw Fixation
- Cranial Flap Fixation Devices
- CMF Distraction System
- Bone Graft Substitutes
- Temporomandibular Joint (TMJ) Replacement Devices
- Thoracic Fixation Devices

Craniomaxillofacial (CMF) Devices Market by Material

- Metal
- Bioabsorbable Materials
- Ceramics
- Polymers



Craniomaxillofacial (CMF) Devices Market by Application

- Neurosurgery and ENT Surgery
- Orthognathic and Dental Surgery
- Plastic Surgery
- Other Applications (Including Trauma Reconstruction Surgery, Sports Injury Repair, Pediatric CMF Surgery, and Others)

SAMPLE COMPANY PROFILE

MEDARTIS AG (SWITZERLAND)

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Website: www.medartis.com

Business Overview

Medartis AG, established in 1997 and headquartered in Basel, Switzerland, is a leading global medical device company engaged in manufacturing high-precision medical devices and implants for bone fracture fixation and osteotomies. Its product portfolio includes solutions for the craniomaxillofacial (CMF) region and the upper and lower extremities. Medartis offers two main product lines: APTUS®, designed for the hand, wrist, forearm, elbow, shoulder, foot, and ankle, and MODUS®, which supports mandible, midface, and cranial procedures. The company has developed proprietary technologies such as TriLock® (a multidirectional locking system), HexaDrive® (for optimal screw retention), and SpeedTip® (self-drilling screws for efficiency). The company’s CMX (Creating More Experience) service enhances surgical workflows with custom implants, surgical guides, and 3D bone models. Additionally, Medartis is the official distributor of KeriMedical products in Germany, Austria, and the UK, expanding its hand and wrist portfolio with prosthetics, soft tissue fixation, and nerve regeneration solutions, including the Touch®-prosthesis for basal thumb osteoarthritis. The company has 13 subsidiaries and distributes its products to over 50 countries worldwide.

Products:

Craniomaxillofacial (CMF) devices offered by Medartis include:

- MODUS® Midface
- MODUS® Mandible
- MODUS® Orthognathics
- MODUS® Cranium

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SAMPLE TABLE/CHART

Glance at 2021, 2024 and 2030 Global Craniomaxillofacial (CMF) Devices Market Share (%) by Product Type - CMF Plate and Screw Fixation, Cranial Flap Fixation Devices, CMF Distraction System, Bone Graft Substitutes, Temporomandibular Joint (TMJ) Replacement Devices and Thoracic Fixation Devices



Global CMF Plate and Screw Fixation Market Analysis (2021-2030) by Geographic Region - North America, Europe, Asia-Pacific, South America and Rest of World in US\$ Million



KEY PLAYERS PROFILED

- Acumed LLC
- Avinent Implant System, S.L.U.
- B. Braun Melsungen AG
- Biotech Orthomed Inc.
- Biocomposites Ltd.
- Changzhou XC Medico Technology Co., Ltd.
- Integra LifeSciences Holdings Corporation
- Johnson & Johnson MedTech
- KLS Martin SE & Co. KG
- Matrix Surgical USA

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