

## **Zygomatic and Pterygoid Implants Market - Growth, Trends, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 114 pages | Mordor Intelligence

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### **Report description:**

The zygomatic and pterygoid implants market is expected to register a CAGR of 5.9% over the forecast period.

The onset of COVID-19 presented a significant challenge for dentistry. The fear of getting infected with the virus and the postponement of dental surgery procedures and online consultation were the major factors that contributed to decreased visits to dental clinics. For instance, in March 2020, the American Dental Association (ADA) recommended that dental practices postpone elective dental procedures and provide emergency-only dental services to help keep patients from burdening hospital emergency departments. This subsequently leads to a decrease in demand for zygomatic and pterygoid implants, which has majorly affected the overall market. However, with the decline in COVID-19 cases and resumption of services, the studied market is expected to recover from the effect in the next two-three years.

The increasing prevalence of oral diseases, rising awareness about oral health, and growing demand for cosmetic dentistry are the major factors that are expected to drive the growth of the zygomatic and pterygoid implant market. For instance, as per November 2022 estimates of the WHO, oral diseases affected close to 3.5 billion people worldwide, with 3 out of 4 people affected living in middle-income countries. Furthermore, according to American Dental Association, in November 2022, the global cases of oral diseases have increased by 1 billion over the last 30 years. With such an increase in dental disease, the demand for zygomatic and pterygoid implants is expected to increase, driving growth in the market. Additionally, according to a survey by the American Academy of Cosmetic Dentistry, in November 2022, an average patient spent more than USD 10,000 on dental cosmetic procedure visits. Such high cosmetic dentistry spending is expected to increase the demand for zygomatic and pterygoid implant procedures. Thus, driving the market growth over the forecast period.

Furthermore, many courses and symposiums on zygomatic and pterygoid implants are being held for treatment advancements

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that are expected to increase the awareness about these implants and hence, adding to the growth of the market. For instance, in June 2022, the Oral Reconstruction Foundation (ORF) International Symposium 2022, made a concerted effort to educate and train more dentists on All-on-X dental implant procedures for zygomatic and pterygoid implants. Such courses and training are expected to increase the efficiency and higher safety of that procedure thus increasing awareness of zygomatic and pterygoid implant treatments among dentists and driving the growth of the market. Therefore, the factors mentioned above are attributed collectively to the studied market growth over the forecast period. However, the growing rate of complications linked to implant-associated infections is a major factor restraining the market's growth.

### Zygomatic & Pterygoid Implants Market Trends

#### The Severe Atrophy of Maxillary Bone Segment is Expected to Hold a Major Share by Application in the Market

The severe atrophy of the maxillary bone segment is expected to hold a significant market share. Bone atrophy also referred to as osteonecrosis of the jaw occurs when the underlying jawbone begins to deteriorate. The factors contributing to the segment's growth are the increasing incidences of severe atrophy of the maxillary bone, the growing geriatric population, and the implementation of strategic initiatives by the market players. For instance, according to World Population Aging Highlight United Nations 2022, in 2022, there were 771 million people aged 65 years or over globally in 2021, and the older population is projected to reach 994 million by 2030. As the aging population is prone to suffering from dental ailments such as maxillary resorption and increased bone loss, the demand for zygomatic and pterygoid implants is expected to grow with the growing geriatric population.

Furthermore, as per a January 2021 published article by the National Library of Medicine, zygomatic implants appear to offer a promising alternative to formal bone grafting techniques with lower costs, fewer complications, less morbidity, shorter treatment times, and comparably high survival rates, such studies reflect the growing demand for zygomatic implants for severe atrophy of the maxilla, thereby contributing to the segment's growth. Additionally, according to an article published by Acta Odontologica Scandinavica, in December 2021, patients rehabilitated with zygomatic implant-supported complete dental prostheses showed substantial improvements in Oral health-related quality of life and general satisfaction with the treatment received by patients with severe maxillary bone atrophy. Such studies indicate the advantages of pterygoid implants which lead to growing adoption thus driving the growth of the market over the forecast period. Hence, due to the above-mentioned factors, the segment is expected to grow significantly over the forecast period.

#### Europe is Expected to Hold a Significant Share in the Market Over the Forecast Period

Europe is expected to hold a significant market share in the global zygomatic and pterygoid implants market due to the increase in the geriatric population leading to a rise in incidence rates of dental ailments & injuries and the advantage of zygomatic implant procedures for rehabilitation of resorbed maxillary bone. For instance, according to the 2022 statistics published by the United Nations Population Fund, Germany, the United Kingdom, France, and Italy estimated 22%, 19%, 21%, and 24% of the population respectively is aged 65 years and above in 2022. Likewise, according to the European Federation of Periodontology, in Europe, periodontal diseases are the most common conditions. Eight out of ten individuals aged over 35 years of age suffer from gum diseases. In addition, periodontal diseases represent a major cause of expenditure in the adult and geriatric population. Therefore, an increase in dental disease in the geriatric population is expected to drive the market.

The research studies suggest that effective treatment with zygomatic and pterygoid implants is also propelling the growth of the market. For instance, an article published by the National Library of Medicine, in June 2021, stated that zygomatic and pterygoid implants have been suggested as a solution to rehabilitate severely resorbed maxillary bone in Europe. It also suggested that further research on the accuracy of the entire procedure is mandatory to avoid critical surgical complications, which can involve accidents to the surrounding anatomy. Such an advantage of the procedure is expected to drive the growth of the market. Thus, due to the above-mentioned developments, the market is expected to witness significant growth in Europe.

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## Zygomatic & Pterygoid Implants Market Competitor Analysis

The zygomatic and pterygoid implants market is consolidated in nature due to the presence of a few major companies operating globally as well as regionally. The competitive landscape includes an analysis of a few international and local companies that hold significant market shares and are well-known, including Straumann Holding AG, Noris Medical, S.I.N. Implant System, Southern Implants, and IDC Implant & Dental Company, among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

### **Table of Contents:**

#### 1 INTRODUCTION

##### 1.1 Study Assumptions and Market Definition

##### 1.2 Scope of the Study

#### 2 RESEARCH METHODOLOGY

#### 3 EXECUTIVE SUMMARY

#### 4 MARKET DYNAMICS

##### 4.1 Market Overview

##### 4.2 Market Drivers

###### 4.2.1 Increasing Prevalence of Oral Diseases coupled with Rising Awareness About Oral Health

###### 4.2.2 Increasing Geriatric Population

###### 4.2.3 Growing Demand for Cosmetic Dentistry

##### 4.3 Market Restraints

###### 4.3.1 High Rate of Complications Linked to Implant-associated Infections

##### 4.4 Porter's Five Forces Analysis

###### 4.4.1 Threat of New Entrants

###### 4.4.2 Bargaining Power of Buyers/Consumers

###### 4.4.3 Bargaining Power of Suppliers

###### 4.4.4 Threat of Substitute Products

###### 4.4.5 Intensity of Competitive Rivalry

#### 5 MARKET SEGMENTATION (Market Size by Value - USD million)

##### 5.1 By Product Length

###### 5.1.1 Upto 30 mm

###### 5.1.2 30 - 50 mm

###### 5.1.3 Above 50 mm

##### 5.2 By Application

###### 5.2.1 Maxillary Sinuses

###### 5.2.2 Severe Atrophy of Maxillary Bone

###### 5.2.3 Other Applications

##### 5.3 Geography

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- 5.3.1 North America
  - 5.3.1.1 United States
  - 5.3.1.2 Canada
  - 5.3.1.3 Mexico
- 5.3.2 Europe
  - 5.3.2.1 Germany
  - 5.3.2.2 United Kingdom
  - 5.3.2.3 France
  - 5.3.2.4 Italy
  - 5.3.2.5 Spain
  - 5.3.2.6 Rest of Europe
- 5.3.3 Asia-Pacific
  - 5.3.3.1 China
  - 5.3.3.2 Japan
  - 5.3.3.3 India
  - 5.3.3.4 Australia
  - 5.3.3.5 South Korea
  - 5.3.3.6 Rest of Asia Pacific
- 5.3.4 Middle East
  - 5.3.4.1 GCC
  - 5.3.4.2 South Africa
  - 5.3.4.3 Rest of Middle East
- 5.3.5 South America
  - 5.3.5.1 Brazil
  - 5.3.5.2 Argentina
  - 5.3.5.3 Rest of South America

## 6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
  - 6.1.1 Straumann Holding AG
  - 6.1.2 Noris Medical
  - 6.1.3 S.I.N. Implant System
  - 6.1.4 Southern Implants
  - 6.1.5 IDC Implant & Dental Company
  - 6.1.6 Danaher Corporation (NobelBiocare)
  - 6.1.7 Titaniumfix
  - 6.1.8 Impliance
  - 6.1.9 Bioline Dental Implants

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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