

China Dental Implants - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The China Dental Implants Market size is estimated at USD 0.75 billion in 2024, and is expected to reach USD 1.02 billion by 2029, growing at a CAGR of 6.40% during the forecast period (2024-2029).

Due to the outbreak of the COVID-19 pandemic, there has been a decrease in hospital visits associated with dental treatments. The fear of getting infected with the virus and postponement of dental surgery procedures and online consultation were the major factors that contributed to decreased visits to dental clinics. This subsequently leads to a decrease in demand for dental implants, which has majorly affected the overall market. For instance, the study "The Impact of COVID-19 on Dentistry in Yichang, China, and Protective Suggestions for Normalisation of Epidemic Prevention" published in April 2022 suggested that the number of outpatients decreased and the proportion of emergency cases increased during the epidemic period. However, the number of dental patients returned to the normal range with a slight elevation during the post-epidemic period. Hence, COVID-19 had a significant impact on the dental implants market and is expected to continue during the forecast period.

The factors propelling the studied market growth are the growing burden of dental disorders in the country, the increasing geriatric population, the rising number of dental procedures in the country, technological innovation, rising product launches, adoption of CAD/CAM technologies, and adoption of key strategies by major market players.

The research study 'Oral Health Status of Residents in Jiangsu Province, China: An Epidemiologic Survey' published in October 2021 stated that dental caries and periodontal disease were frequent and common in Jiangsu, China, and oral diseases continued to be a major problem for local residents in China. Thus, due to the high prevalence of dental disorders in the country, the demand for dental implants is expected to increase during the study period.

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The key strategies adopted by major players such as mergers, acquisitions, partnerships, investments, and technological innovation among others will lead to lucrative growth of the market. For instance, in March 2021, The Straumann Group signed an investment agreement with the Shanghai Xin Zhuang Industrial Park (SHXIP) to establish its first Campus in China comprising a manufacturing, education and innovation center at one site. With an investment of up to 1.2 billion Chinese yuan by 2029, the China Campus will provide products from the Group's implant and orthodontics portfolio for China, thereby improving the accessibility of end users towards dental implants, contributing towards the market growth.

Additionally, in May 2021, DeepCare, an artificial intelligence dental care support company formed a strategic alliance with CareCapital, an investment firm specializing in the dental care industry. This investment will help DeepCare developing modules for implants and other areas in dentistry. Thus, adoption of technology in the country towards dental implants will drive the market.

Furthermore, the study 'Accuracy of dental implant surgery with robotic position feedback and registration algorithm: An in-vitro study' published in February 2021 also supports the technological innovation in the market by providing positive results in dental implant surgery through robots through less deviation.

Therefore, owing to aforementioned factors, the studied market is expected to grow significantly during the study period. However, reimbursement issues and high costs of dental implants is expected to hinder the market growth during study period.

China Dental Implants Market Trends

Titanium Implants Segment is Expected to have Largest Market Share Over the Forecast Period

Titanium implants are developed from titanium. Titanium dental implants are known to be compatible with body tissues during healing. The titanium surface of the implant fuses with the surrounding bone through the osseointegration process while healing, which can take 3 to 6 months.

The rising research and development studies proving the advantages of titanium implants will readily increase its adoption rate, thereby boosting the segment during the study period. For instance, the study 'Nanostructured Titanium Implant Surface Facilitating Osseointegration from Protein Adsorption to Osteogenesis: The Example of TiO₂ NTAs' published in April 2022 stated that TiO₂ nanotube arrays (TiO₂ NTAs) on titanium implant surfaces have exhibited excellent biocompatibility, bioactivity, and adjustability, which can significantly promote osseointegration and participate in its entire path, indicating the improved performance of titanium implants, thus boosting the market.

Additionally, the study 'The osseointegration and stability of dental implants with different surface treatments in animal models: a network meta-analysis' published in July 2021 demonstrated that TiUnite surface, a titanium dental implant had the best effect on osseointegration regarding the overall healing period. The TiUnite surface also had the best effect in stability. Thus, research studies proving the efficacy of technological innovation in the studied segment will propel the market growth.

Furthermore, the growth of the segment may be attributed to the growing adoption of these implants, as they can be manufactured in different sizes (length and width), which enables choosing implants as per the patient's bone size.

Thus, due to the above-mentioned factors, the studied segment is expected to contribute to the significant growth of the market.

China Dental Implants Industry Overview

The studied market is fragmented and moderately competitive. Key market players readily adopt strategies such as mergers,

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acquisitions, partnerships, and others, thereby boosting the market. The key players of the market include Dentsply Sirona, 3M, SDL DENTAL, Nobel Biocare Services AG, and Thommen Medical AG 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 Growing Burden of Dental Diseases and Geriatric Population

4.2.2 Increasing Application of CAD/CAM Technologies

4.3 Market Restraints

4.3.1 Reimbursement Issues and High Cost of Dental Implants

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 - in USD Million)

5.1 By Part

5.1.1 Fixture

5.1.2 Abutment

5.2 By Material

5.2.1 Titanium Implants

5.2.2 Zirconium Implants

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Dentsply Sirona

6.1.2 3M

6.1.3 SDL DENTAL

6.1.4 Nobel Biocare Services AG

6.1.5 Thommen Medical AG

6.1.6 Ivoclar Vivadent

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6.1.7 AB Dental Devices Ltd.

6.1.8 Dentium

6.1.9 Zimmer Biomet

6.1.10 Bicon, LLC

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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