

Dental Caries Treatment Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The dental caries treatment market is expected to register a CAGR of 4.74% during the forecast period.

Medical services other than COVID-19 have been severely impacted by the restrictions imposed to prevent the spread of infection caused by the SARS-CoV-2 virus in different parts of the world. It also had an impact on the diagnostic and treatment procedures for dental caries. Further, several studies have been conducted that demonstrate the effect of COVID-19 on dental care. For instance, as per the research study in the British Dental Journal's article titled "The COVID-19 Pandemic and Dentistry: The Clinical, Legal, and Economic Consequences-Part 2: Consequences of Withholding Dental Care" was published in December 2020, the progression of undiagnosed and managed oral disease could be expected as a result of the suspension of routine care in most countries around the world. Patients are often unaware that oral pathosis is developing because it is not visible and largely asymptomatic, especially in its early stages. As a result of the aforementioned factors, the studied market may experience a significant impact during the COVID-19 pandemic.

Dental caries is one of the world's most common oral health problems today. Dental caries can affect people in a variety of ways, including infections, tooth pain, stunting in children's growth, and affecting communication skills and recreational activities. Furthermore, oral cancer and oral tissue lesions are serious health issues. Oral diseases are a significant health burden for many countries, according to the World Health Organization's article Oral Health, published in March 2020. Oral diseases affect people throughout their lives, causing pain, discomfort, disfigurement, and even death. Furthermore, poor oral health may have a profound effect on the quality of life and general health.

The market growth is boosted by the increasing burden of dental caries among the geriatric population and children, technology advancements, and new inventions in dental treatment, along with the active collaborations among the market players. According

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to a study published in the International Journal of Oral and Dental Health in February 2019 titled "Dental Caries in Geriatric Dentistry: An Update for Clinicians," the prevalence and incidence of caries in elderly patients are the highest among the age groups studied, and it increases with institutionalization. According to the same study, the prevalence of caries was over 40% in people aged 75 and up, driving the demand for oral care in the elderly population. Furthermore, technological advancements and innovation are propelling the market forward. In addition, market participants are strategically involved in partnerships and agreements to develop technologically advanced products. For instance, in November 2020, Planmeca USA announced the launch of two new CAD/CAM products, namely the Planmeca PlanMill 50 S 5-axis mill and Planmeca PlanCAD Premium design software, for dental prosthetics. These products are intended to assist clinicians in maximizing productivity throughout the digital dentistry workflow.

Thus, the increasing geriatric population, coupled with advancements in the field of dental caries, is expected to promote the revenue growth of the dental caries treatment market. However, high failure rates of endodontic treatments may restrain the market growth over the forecast period.

Dental Caries Treatment Market Trends

The Dental Restoration Segment is Expected to Hold a Major Market Share

Dental restorations are procedures that replace or repair teeth to restore their appearance, function, and form. The restorative treatment is classified as direct or indirect depending on the type of damage. Indirect restorations involve fabricating a rigid substance outside the mouth and placing it in or on a prepared tooth, whereas direct restorations involve placing a material directly into a prepared tooth cavity.

The segment growth is accounted to various factors such as the growth in the prevalence of dental caries among the population, especially the geriatric population and children, and the adoption of artificial intelligence (AI) in numerous dental caries treatments. For instance, Pearl, an AI dental care company in January 2020, launched its 'Scan Clarity Score.' The Scan Clarity Score addresses the issue of working with low-quality intraoral scans by examining the margin clarity for each patient for dental restorations.

The dental restoration segment of the dental caries treatment market is anticipated to flourish on account of the increasing prevalence of tooth decay and dental caries among the population. For instance, as per the data published by the Centers for Disease Control and Prevention (CDC), in 2019, around 13.2% of the population aged between 5 to 19 years had untreated dental caries in the United States. The same source stated that nearly 25.9% of the population aged between 20 to 44 years were suffering from untreated dental caries. Such unaddressed dental caries further worsen as tooth decay and then removal of the tooth. As a result, dental restoration serves to be a crucial treatment for restoring the missing tooth. The demand for such procedures is likely to increase over the coming years, thereby driving the segment growth. Moreover, an increase in the uptake of dental restoration procedures, coupled with an increasing population with dental caries, is expected to boost the segment growth throughout the forecast period. However, the exclusion of dental caries treatment from several health insurance plans across various countries is likely to have a negative impact on the growth of the dental restoration segment over the coming years.

Thus, the factors mentioned above are likely to impact the growth of dental restorative procedures over the coming years, thereby affecting the segment growth over the analysis period.

North America is Expected to Hold a Significant Share During the Forecast Period

North America is expected to hold a major market share in the dental caries treatment market due to rapid growth in the geriatric

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population and growing expenditure on dental care in this region. Moreover, innovations and developments in dental caries treatment and the presence of a well-established healthcare infrastructure are also fueling the growth of the overall regional market to a large extent.

Additionally, the increasing awareness among the population in the region and a growing number of visits to dental care centers are boosting the growth of the market. For instance, the National Health Interview Survey, released in September 2020, reported that in the United States, 64.9% of the adults aged 18 and over visited dental care centers for a dental exam or cleaning in 2019. Also, according to the American Dental Association (ADA) estimates, there are 10,658 orthodontists currently practicing in the United States, which translates to about 3.27 orthodontists per every 100,000 people. This increased number of visits to dental care centers creates demand for dental products and drives the market growth. Additionally, the market growth is also boosted by the launch of products in the region. For instance, in January 2021, Nobel Biocare launched Xeal and TiUltra surfaces in the United States. These new surfaces are applied to dental implants and abutments, which optimizes tissue integration at every level. As dental implants and abutments are reconstruction devices used in dental caries treatment, their advancement may boost the growth of the market.

The entry of new players in the market is also driving the growth in the region. For instance, in September 2020, Ditrion Dental USA launched its commercial operations in the United States for its dental implant portfolio. Thus, owing to the above-mentioned factors, the dental caries treatment market in the United States is expected to witness growth over the forecast period.

Dental Caries Treatment Market Competitor Analysis

The dental caries treatment market is fragmented and competitive and consists of several major players. In terms of market share, a few of the major players are currently dominating the market. Some of the companies currently dominating the market are Dentsply Sirona Inc., Zimmer Biomet, Institut Straumann AG, 3M Company, Coltene Group, Shofu Dental Corporation, Alpha Dent Implants Ltd, DiaDent Group International, Essential Dental Systems Inc., and J. Morita Corporation.

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 Dental Caries among the Geriatric Population

4.2.2 New Innovations and Developments in Dental Caries Treatment

4.3 Market Restraints

4.3.1 High Failure Rate of Endodontic Treatment

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- 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 Product Type
 - 5.1.1 Dental Restoration
 - 5.1.2 Dental Reconstruction
 - 5.1.2.1 Abutments
 - 5.1.2.2 Bridges
 - 5.1.2.3 Crowns
 - 5.1.2.4 Dentures
 - 5.1.2.5 Implants
 - 5.1.3 Endodontic
 - 5.1.3.1 Files
 - 5.1.3.2 Obturator Devices
 - 5.1.3.3 Permanent Sealers
 - 5.1.3.4 Others
- 5.2 Geography
 - 5.2.1 North America
 - 5.2.1.1 United States
 - 5.2.1.2 Canada
 - 5.2.1.3 Mexico
 - 5.2.2 Europe
 - 5.2.2.1 Germany
 - 5.2.2.2 United Kingdom
 - 5.2.2.3 France
 - 5.2.2.4 Italy
 - 5.2.2.5 Spain
 - 5.2.2.6 Rest of Europe
 - 5.2.3 Asia-Pacific
 - 5.2.3.1 China
 - 5.2.3.2 Japan
 - 5.2.3.3 India
 - 5.2.3.4 Australia
 - 5.2.3.5 South Korea
 - 5.2.3.6 Rest of Asia-Pacific
 - 5.2.4 Middle-East
 - 5.2.4.1 GCC
 - 5.2.4.2 South Africa
 - 5.2.4.3 Rest of Middle-East
 - 5.2.5 South America
 - 5.2.5.1 Brazil
 - 5.2.5.2 Argentina

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5.2.5.3 Rest of South America

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Dentsply Sirona Inc.

6.1.2 Zimmer Biomet

6.1.3 Institut Straumann AG

6.1.4 3M Company

6.1.5 Coltene Group

6.1.6 Shofu Dental Corporation

6.1.7 Alpha Dent Implants Ltd

6.1.8 DiaDent Group International

6.1.9 Essential Dental Systems Inc.

6.1.10 J. Morita Corporation

6.1.11 Precise Implant Systems E.S Ltd

6.1.12 Ivoclar Vivadent Inc.

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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