

## **Dental Diagnostic and Surgical Equipment Market - Growth, Trends, and Forecasts (2023 - 2028)**

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### **Report description:**

The dental diagnostics and surgical equipment market is projected to register a CAGR of 7.43% during the forecast period.

The dental diagnostics and surgical equipment market was significantly affected by the COVID-19 pandemic in the initial phase since many dental procedures were postponed or canceled as they require close contact with the doctor and their patients and with the dental equipment, which held the risk of virus contamination. However, since the restrictions were eased, the industry has been rebounding strongly. For instance, as per the article published in September 2021 by BDJ, there was a significant backlog of dental surgeries and treatments to handle after the pandemic, which was delayed due to the lockdown. As a result, to meet the enormous dental procedural demands, the market for dental diagnostic and surgical equipment is expected to rise rapidly in the following years. In addition, over the previous two years, the market recovery has been led by increased dental diseases, new product launches, and increased demand for cosmetic dentistry.

The prominent drivers for the market over the forecast period are increased awareness about oral care, the rising prevalence of dental disorders, and innovation in dental products. For instance, as per a March 2022 update by the WHO, oral diseases affect nearly 3.5 billion people worldwide. Severe periodontal (gum) disease, which may result in tooth loss, is also prevalent, affecting almost 10% of the global population. Adding to that, as per the NHS Dental Statistics for England 2021 report, 18.2 million adults were seen by an NHS Dentist in the 24 months up to June 2021. As per the same source, 3.9 million children were seen by an NHS dentist in the 12 months up to June 2021. Thus, the increasing prevalence of dental diseases and a high number of dentist visits are likely to lead to the demand for diagnosis and further surgical procedures, thereby contributing to market growth.

Furthermore, research funding and opportunities in dental diagnostics and surgery are expected to drive market growth, as researchers are expected to utilize diagnostic technology to deliver innovations in dentistry. For instance, in October 2022,

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Biolase, a dental laser manufacturing company, launched a research grant portal to accelerate clinical studies on innovative dental laser technology. Additionally, competitors, mergers, and product launches in dental diagnostics and surgery are likely to drive market growth as these increase product availability and competition. For instance, in February 2022, Bien-Air Dental launched its Nova electric handpiece, a new contra-angle engineered for practical innovation. The Nova's small head and slim handle enhance the dentist's field of vision and allow easier access to the back of the mouth. Additionally, in June 2022, dental artificial intelligence (AI) provider VideaHealth received the Medical Device Establishment License (MDEL) from Health Canada for its dental caries detection algorithm. This solution, Videa Caries Assist, is designed to use AI to detect caries and boost the accuracy of treatment recommendations. Hence such advancements in dentistry and diagnostics are likely to drive market growth over the forecast period.

As per the aforementioned factors, the dental diagnostics and surgical equipment market are likely to grow over the forecast period. However, slow adoption rates in underdeveloped economies and the high cost associated with tests and equipment restrain the market's growth.

## Dental Diagnostic & Surgical Equipment Market Trends

### Prosthodontic Procedure is Expected to Cover a Large Market Share over the Forecast Period

Prosthodontics generally deals with the replacement of lost teeth using substitutes, like porcelain veneers, crowns, dental implants, and dentures. Generally, such problems are common among the geriatric population. The prosthodontic segment is anticipated to have the largest market share during the forecast period due to the fact that prosthodontic dentistry has numerous counts of tools that are used for dental corrections, and there is a wide application of prosthodontic equipment. Additionally, as the population ages and technology advances, there is an increase in demand for dental prostheses in both emerging and developed countries.

Furthermore, the growing senior population is one of the primary drivers of market growth, as the incidence of dental problems rises with age. For instance, according to the WPP 2022 report, nearly 771 million people are aged 65 years or over globally in 2022. The older population is projected to reach 994 million by 2030 and 1.6 billion by 2050. In addition, according to the article published in the MDPI journal in August 2021, periodontal disease is a chronic inflammatory disease cumulating throughout life and becomes irreversible if it progresses to periodontitis. It affects tooth-supporting structures causing a gingival recession, alveolar bone resorption, tooth mobility, and eventually tooth loss. Gingival recession is a risk factor for root caries which is highly prevalent in the older adult population. Therefore, the increasing geriatric population is anticipated to propel the demand for prosthodontic equipment. Hence, a considerable segment growth is expected over the forecast period.

Furthermore, the presence of competitors, product launches, mergers, and acquisitions in the field of dentistry boosts market growth as these factors can increase the availability of the product in the market along with greater competition, which is anticipated to have a significant impact on the market. For instance, in September 2021, Dentsply Sirona launched Dentsply Sirona Implants named DS PrimeTaper, a self-tapping implant with a tapered design that can be inserted safely and easily. This enables long-term bone stability. The double thread allows the implant to be inserted quickly and safely. It is a simple drilling protocol, with only a few different drills, supports the workflow. Such product launches in the field of the prosthodontic sector are likely to fuel market growth.

Hence, as per the factors mentioned above, the segment is expected to witness growth in the forecast period.

### North America is Expected to Dominate the Dental Diagnostic and Surgical Equipment Market over the Forecast Period

North America is expected to hold a significant share of the market due to several factors, such as the high prevalence of dental

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diseases, wide acceptance of technological advancements in dental equipment, like lasers, intra-oral cameras, digital radiography, and CAD/CAM systems, and continued favorable demographic trends and heightened consumer awareness of the importance of oral hygiene to the overall health.

Factors such as the high prevalence of dental disorders, increasing awareness about dental care, and innovations in dental diagnostics and surgical equipment are driving market growth in the studied region. The high prevalence of dental diseases due to diabetes is one of the major factors driving the market growth. For instance, as per the article published in IDJ journal in October 2021, more than half of the population has at least one missing tooth in Mexico. Individuals with diabetes and harmful habits, such as smoking, have a higher rate of losing teeth. Such instances indicate the need for dental disease diagnosis and further surgery, which is likely to boost market growth. Additionally, several industry participants are involved in strategic initiatives, which support market growth, as these factors can increase the availability of the product in the market studied, along with greater competition, which is anticipated to impact the market positively. For instance, in March 2022, ClearChoice Management Services (CCMS), the administrative support team that serves the ClearChoice Dental Implant Center network, entered a partnership with Planmeca and Henry Schein to improve the patient experience with advanced digital imaging technology.

Furthermore, the government and federal agencies are boosting the importance of dental care through awareness programs and initiatives. Additionally, there are a lot of policies that are likely to support the public regarding the treatment of dental diseases. For instance, in September 2022, the Canadian federal government introduced legislation to enact its recently announced cost-of-living plan by offering some Canadians help with dental care for children and one-time boosts to the housing benefit and the GST tax credit. The first stage of the Canada Dental Benefit for children between the ages of 2 and 12 is expected to provide dental care to 500,000 children at a cost close to USD 1 billion. Such increased support policies for dental care are anticipated to boost the market in the studied region.

Hence, as per the facts mentioned above, North America is anticipated to grow over the forecast period.

#### Dental Diagnostic & Surgical Equipment Market Competitor Analysis

The dental diagnostic and surgical market is moderately competitive. 3M, Carestream Health Inc., Carestream Health, Dentsply Sirona, and GC Corporation are some of the key players in the market. The market also enjoys a presence of a few smaller companies that hold a substantial share of the market.

#### Additional Benefits:

- <li> The market estimate (ME) sheet in Excel format </li>
- <li> 3 months of analyst support </li>

#### **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

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- 4.2 Market Drivers
  - 4.2.1 Increasing Prevalence of Oral Diseases
  - 4.2.2 Rising Geriatric Population
  - 4.2.3 Technological Advancements
- 4.3 Market Restraints
  - 4.3.1 Slow Adoption Rate in Underdeveloped Economies
  - 4.3.2 High Cost Associated with Tests and Equipment
- 4.4 Porter's Five Force 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 Type
  - 5.1.1 Dental Systems and Equipment
    - 5.1.1.1 Dental Chairs
    - 5.1.1.2 Hand Pieces
    - 5.1.1.3 Light Cure Equipment
    - 5.1.1.4 Scaling Units
    - 5.1.1.5 CAD/CAM Systems
  - 5.1.2 Dental Laser
    - 5.1.2.1 Soft Tissue Laser
    - 5.1.2.2 Hard Tissue Lasers
  - 5.1.3 Dental Radiology Equipment
    - 5.1.3.1 Extra oral Radiology Equipment
    - 5.1.3.2 Intra Oral Radiology Equipment
    - 5.1.3.3 Cone Beam Computed Tomography (CBCT)
  - 5.1.4 Other Types
- 5.2 By Treatment
  - 5.2.1 Orthodontic
  - 5.2.2 Endodontic
  - 5.2.3 Peridontic
  - 5.2.4 Prosthodontic
- 5.3 By End User
  - 5.3.1 Hospitals
  - 5.3.2 Clinics
- 5.4 Geography
  - 5.4.1 North America
    - 5.4.1.1 United States
    - 5.4.1.2 Canada
    - 5.4.1.3 Mexico
  - 5.4.2 Europe
    - 5.4.2.1 Germany
    - 5.4.2.2 United Kingdom
    - 5.4.2.3 France

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- 5.4.2.4 Italy
- 5.4.2.5 Spain
- 5.4.2.6 Rest of Europe
- 5.4.3 Asia-Pacific
  - 5.4.3.1 China
  - 5.4.3.2 Japan
  - 5.4.3.3 India
  - 5.4.3.4 Australia
  - 5.4.3.5 South Korea
  - 5.4.3.6 Rest of Asia-Pacific
- 5.4.4 Middle East
  - 5.4.4.1 GCC
  - 5.4.4.2 South Africa
  - 5.4.4.3 Rest of Middle East
- 5.4.5 South America
  - 5.4.5.1 Brazil
  - 5.4.5.2 Argentina
  - 5.4.5.3 Rest of South America

## 6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
  - 6.1.1 3M
  - 6.1.2 A-Dec Inc.
  - 6.1.3 Biolase Inc.
  - 6.1.4 Carestream Health Inc.
  - 6.1.5 Ultradent Products Inc.
  - 6.1.6 Dentsply Sirona
  - 6.1.7 GC Corporation
  - 6.1.8 Patterson Companies Inc.
  - 6.1.9 Planmeca OY
  - 6.1.10 Midmark Corp.
  - 6.1.11 Ultradent Products Inc.
  - 6.1.12 ACTEON Group

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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