

# Periodontal Disease Treatment Market Report: Trends, Forecast and Competitive Analysis to 2030

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#### **Abstracts**

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Periodontal Disease Treatment Trends and Forecast

The future of the global periodontal disease treatment market looks promising with opportunities in the hospitals, dental clinics, and dental academics & research institutes markets. The global periodontal disease treatment market is expected to grow with a CAGR of 9.5% from 2024 to 2030. The major drivers for this market are growing awareness of the need for improved oral hygiene, technological advancements in periodontal disease treatment, as well as, rising awareness about oral hygiene globally.

Lucintel forecasts that, within the drugs category, local antibiotic is expected to witness higher growth over the forecast period.

Within the end-use category, the dental clinic is expected to witness the highest growth.

In terms of regions, North America is expected to witness the highest growth over the forecast period due to the presence of important stakeholders, the expansion of local government programs to enhance oral health, and the availability of a skilled dental workforce to handle the high rate of unmet requirements in this area.

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#### Emerging Trends in the Periodontal Disease Treatment Market

The periodontal disease treatment market is influenced by several emerging trends that reflect technological advancements and evolving patient needs. These trends are shaping the future of periodontal care and treatment.

Minimally Invasive Techniques: A significant trend is the shift from conventional invasive methods toward minimally invasive techniques, including laser therapy and micro-surgical approaches. These treatments reduce patient discomfort, improve treatment precision, and shorten recovery time. They also result in lower complication risks and higher patient satisfaction rates.

Regenerative Medicine: Regenerative medicine has revolutionized the field of periodontics. The use of growth factors, stem cells, and advanced biomaterials for tissue regeneration shows promising results in repairing damaged tissues and restoring gum health. These regenerative methods have the potential to achieve more sustainable, long-term effects.

Digital Dentistry: The accuracy and efficacy of modern dentistry have improved through the integration of 3D imaging, such as cone beam computed tomography (CBCT), computer-aided design (CAD), and virtual surgery planning (VSP). These digital tools enable more precise diagnoses and personalized treatments, leading to better outcomes for patients with dental diseases.

Personalized Treatment Approaches: Personalized treatment plans based on genetic and biomarker data are gaining emphasis. By individualizing treatments, the management of periodontal diseases becomes more effective in addressing the specific risk factors that contribute to the disease's progression.

Telemedicine and Remote Monitoring: The integration of telemedicine and remote monitoring technologies is making it easier for patients to access periodontal care. These tools facilitate virtual consultations, follow-ups, and treatment progress monitoring, improving accessibility for patients, especially in remote or underserved areas.

These emerging trends are reshaping the periodontal disease treatment market by incorporating advanced technologies, emphasizing preventive care, and personalizing



treatment approaches. The integration of digital tools, minimally invasive techniques, and regenerative therapies enhances treatment efficacy and patient satisfaction, while a focus on prevention reduces disease incidence and associated healthcare costs.

Recent Developments in the Periodontal Disease Treatment Market

Recent developments in the periodontal disease treatment market reflect advancements in technology, changes in patient care approaches, and increased investment in research. These developments are enhancing the effectiveness and accessibility of periodontal treatments.

Advancements in Regenerative Technologies: Considerable strides have been made in regenerative technologies, such as growth factor therapies and stem cell use. These advancements provide better solutions for periodontal tissue loss by enhancing tissue regeneration and repair. New biomaterials and techniques are improving the success rates of regenerative treatments, offering long-term benefits for patients.

Integration of Digital Technologies: The incorporation of digital technologies like three-dimensional imaging and computer-assisted design is revolutionizing how gum diseases are treated today. Precise diagnostics, accurate treatment planning, and improved results can be achieved through these digital tools. Enhanced imaging now allows for custom treatment plans and better monitoring of disease progression.

Minimally Invasive Procedures: Laser therapy, microsurgical techniques, and other minimally invasive procedures are increasingly becoming popular choices for patients with periodontitis. These procedures require shorter recovery times compared to conventional surgical options, causing less harm to patients after surgery. The focus on minimally invasive techniques is improving patient satisfaction and outcomes.

Enhanced Patient Education and Compliance: Strengthening the patient education process and increasing patient involvement in periodontal disease management is now a focus. These educational tools help patients understand their condition and ensure they follow their treatment plans. Improving long-term compliance will directly contribute to positive outcomes and the general success of treatment.



Emergence of Personalized Treatment Plans: With the increased availability of personalized treatments based on genetic and biomarker data, there has been a surge in demand for such options. This makes it easier for healthcare providers to address specific risk factors while treating periodontal disease, creating individualized plans that optimize treatment effectiveness.

These developments are transforming the periodontal disease treatment market by introducing advanced technologies, improving treatment methods, and emphasizing preventive care. The advancements in laser therapy, regenerative techniques, digital technologies, and increased R&D investment are enhancing the effectiveness and accessibility of periodontal treatments, contributing to better patient outcomes and market growth.

Strategic Growth Opportunities for Periodontal Disease Treatment Market

The periodontal disease treatment market presents several strategic growth opportunities across various applications. These opportunities are driven by technological advancements, increasing patient awareness, and evolving healthcare needs.

Expansion of Regenerative Treatment Options: A significant growth opportunity lies in developing and offering broader regenerative treatment options, such as advanced biomaterials and growth factor therapies. The use of these treatments addresses tissue loss while promoting healing, thus enhancing clinical outcomes and meeting the demand for effective gum disease management.

Advancements in Digital Dentistry: Investing in digital dentistry, including 3D imaging, computer-aided design (CAD), and virtual treatment planning, provides a competitive advantage. These technologies improve diagnostic accuracy and allow for customization, making it possible to personalize treatment plans for each case, ultimately improving healthcare outcomes and efficiency.

Growth in Telemedicine and Remote Care: Expanding telemedicine and remote care services presents a strategic opportunity to access a broad patient base. Remote consultations, monitoring, and follow-ups offer additional avenues to reach patients, especially those in underserved areas, improving both convenience and adherence to treatments.



Personalization of Treatment Plans: Developing personalized treatment plans based on genetic and biomarker data presents significant growth potential. The personalized dental treatment enhances its effectiveness by considering the unique risks faced by each patient, leading to better management of the periodontal disease.

Focus on Preventive Care and Patient Education: Driving growth by emphasizing preventive care and patient education is essential for reducing the incidence of periodontal disease. Investing in educating patients about their condition helps them adhere to prescribed treatments, ultimately ensuring the attainment of long-term health goals.

These strategic growth opportunities highlight the potential for expanding the periodontal disease treatment market through innovative home care products, telemedicine solutions, advanced diagnostics, regenerative therapies, and preventive care programs. Leveraging these opportunities can enhance patient care, improve accessibility, and drive market growth.

Periodontal Disease Treatment Market Driver and Challenges

The periodontal disease treatment market is influenced by key factors and challenges related to technological advancements, increasing patient numbers, patient awareness, and the cost of medication. Addressing barriers to care and fostering innovation in the sector requires a thorough understanding of these factors.

Drivers of the Periodontal Disease Treatment Market:

Technological Innovations: Technological advancements such as digital imaging, laser therapy, and regenerative medicine have contributed significantly to market growth. These improvements make diagnosis easier and increase the precision of therapy, leading to better outcomes for patients.

Increasing Awareness and Education: Public campaigns about gum diseases have accelerated demand for periodontal treatments. These initiatives help people understand the causes of gum disease, enabling them to seek early treatment from professional dentists who are capable of effectively managing the condition.



Rising Incidence of Periodontal Diseases: Aging, systemic diseases, and poor dental care practices are contributing to the increased prevalence of periodontal disorders. This rise in cases is driving demand for effective treatment options, fueling market growth.

Demand for Minimally Invasive Procedures: The preference for minimally invasive procedures, such as laser therapy and microsurgical techniques, has led to market expansion. These methods offer quicker recovery times compared to traditional surgical options, improving patient satisfaction and clinical outcomes.

Regulatory Support and Innovation: Favorable regulatory policies and support for innovation are driving growth in the periodontal disease treatment market. Regulatory bodies have encouraged research on new technologies and treatments through accelerated approval processes, expediting their development.

Challenges in the Periodontal Disease Treatment Market:

High Costs of Advanced Treatments: The cost of advanced periodontal treatments, including regenerative therapies and digital technologies, may limit access to these services. High costs are a barrier, particularly in areas with price sensitivity or limited healthcare access.

Complexity of Treatment Protocols: Comprehensive treatment protocols for managing gum diseases often present difficulties for both patients and providers. Coordinating treatment plans and ensuring patient adherence requires significant resources and expertise, which can hinder effective disease management.

Variability in Treatment Efficacy: Periodontal disease treatments vary depending on the individual patient's condition and the severity of the disease. The inconsistency of results and variations in patient responses can affect the overall effectiveness of treatments, posing a challenge for healthcare providers.

The periodontal disease treatment market is shaped by drivers such as technological advancements, increasing awareness, research and development investments, rising



disease incidence, and regulatory support. However, challenges like high costs, treatment complexity, and inconsistent efficacy may impact market dynamics. Balancing these factors is crucial for driving growth, improving patient care, and navigating the evolving landscape of periodontal disease management.

List of Periodontal Disease Treatment Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies periodontal disease treatment companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the periodontal disease treatment companies profiled in this report include-

Bausch Health
Colgate-Palmolive
Mylan
Lyne Laboratories
WOCKHARDT
Xttrium Laboratories
3M
Dexcel Pharma
Izun Pharmaceuticals
Tolmar Pharmaceuticals

Periodontal Disease Treatment by Segment

The study includes a forecast for the global periodontal disease treatment by drugs,



type, treatment type, end use, and region.
Periodontal Disease Treatment Market by Drugs [Analysis by Value from 2018 to 2030]
Systematic Antibiotics
Local Antibiotics
Periodontal Disease Treatment Market by Type [Analysis by Value from 2018 to 2030]:
Gingivitis
Chronic Periodontal Disease
Aggressive Periodontal Disease
Others
Periodontal Disease Treatment Market by Treatment Type [Analysis by Value from 2018 to 2030]:
Non-Surgical Treatment
Surgical Treatment
Periodontal Disease Treatment Market by End Use [Analysis by Value from 2018 to 2030]:
Hospitals
Dental Clinic
Dental Academics & Research Institutes
Others



Periodontal Disease Treatment Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

Country Wise Outlook for the Periodontal Disease Treatment Market

The periodontal disease treatment market is evolving with advancements in technology, increasing awareness, and improved healthcare access. Innovations in treatment methodologies, along with rising investment in research and development, are transforming how periodontal diseases are managed. These developments vary significantly across different regions, reflecting unique healthcare needs and market dynamics.

United States: Advanced laser technologies are being widely adopted for minimally invasive procedures used in treating periodontal diseases in the United States. These innovations, such as growth factor-enhanced bone grafting materials and advanced biomaterials for regenerative treatments, are expected to lead to improved clinical outcomes. Additionally, personalized treatment interventions, utilizing genomic data, are being emphasized, as treatment plans are tailored to the individual needs of patients.

China: In China, recent developments have focused on integrating digital technologies into periodontal treatments. This trend, which includes the increased use of diagnostic imaging techniques and computer-assisted planning, is enhancing diagnostic accuracy and treatment precision in dental implantology. Moreover, there is a growing trend toward adopting cost-effective materials and techniques to improve accessibility to periodontal care for diverse populations.

Germany: Germany has seen significant advances in periodontal disease treatment, particularly due to the development of new biomaterials and



regenerative techniques. Innovations include the use of advanced synthetic bone substitutes and guided tissue regeneration technologies. There is also a strong emphasis on comprehensive oral health management, which integrates periodontal care with other aspects of dental health.

India: In India, there is a notable shift toward incorporating affordable yet effective treatments, such as locally produced bone graft materials and inexpensive therapeutic agents. The use of telemedicine and digital tools is also on the rise, facilitating remote consultations, follow-ups, and other aspects of periodontal care, particularly in underserved areas.

Japan: Japan is at the forefront of research into novel therapeutic agents and regenerative techniques for periodontal disease treatment. The country is widely utilizing precise medications and new biomaterials, such as bioactive glass and advanced implants. Additionally, integrated oral health management systems, which incorporate periodontal care, reflect a holistic approach to treatment.

Features of the Global Periodontal Disease Treatment Market

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Periodontal disease treatment market size by drugs, type, treatment type, end use, and region in terms of value (\$B).

Regional Analysis: Periodontal disease treatment market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different drugs, type, treatment type, end use, and regions for the periodontal disease treatment market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the periodontal disease treatment market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

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opportunity screening, due diligence, supply chain analysis, M & A, and more.

This report answers following 11 key questions:

- Q.1. What are some of the most promising, high-growth opportunities for the periodontal disease treatment market by drugs (systematic antibiotics and local antibiotics), type (gingivitis, chronic periodontal disease, aggressive periodontal disease, and others), treatment type (non-surgical treatment and surgical treatment), end use (hospitals, dental clinic, dental academics & research institutes, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
- Q.2. Which segments will grow at a faster pace and why?
- Q.3. Which region will grow at a faster pace and why?
- Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?
- Q.5. What are the business risks and competitive threats in this market?
- Q.6. What are the emerging trends in this market and the reasons behind them?
- Q.7. What are some of the changing demands of customers in the market?
- Q.8. What are the new developments in the market? Which companies are leading these developments?
- Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?
- Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?
- Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?



#### **Contents**

#### 1. EXECUTIVE SUMMARY

# 2. GLOBAL PERIODONTAL DISEASE TREATMENT MARKET : MARKET DYNAMICS

- 2.1: Introduction, Background, and Classifications
- 2.2: Supply Chain
- 2.3: Industry Drivers and Challenges

#### 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

- 3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)
- 3.2. Global Periodontal Disease Treatment Market Trends (2018-2023) and Forecast (2024-2030)
- 3.3: Global Periodontal Disease Treatment Market by Drugs
  - 3.3.1: Systematic Antibiotics
  - 3.3.2: Local Antibiotics
- 3.4: Global Periodontal Disease Treatment Market by Type
  - 3.4.1: Gingivitis
  - 3.4.2: Chronic Periodontal Disease
  - 3.4.3: Aggressive Periodontal Disease
  - 3.4.4: Others
- 3.5: Global Periodontal Disease Treatment Market by Treatment Type
  - 3.5.1: Non-Surgical Treatment
  - 3.5.2: Surgical Treatment
- 3.6: Global Periodontal Disease Treatment Market by End Use
  - 3.6.1: Hospitals
  - 3.6.2: Dental Clinic
  - 3.6.3: Dental Academics & Research Institutes
  - 3.6.4: Others

## 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

- 4.1: Global Periodontal Disease Treatment Market by Region
- 4.2: North American Periodontal Disease Treatment Market
  - 4.2.1: North American Market by Drugs: Systematic Antibiotics and Local Antibiotics



- 4.2.2: North American Market by End Use: Hospitals, Dental Clinic, Dental Academics & Research Institutes, and Others
- 4.3: European Periodontal Disease Treatment Market
- 4.3.1: European Market by Drugs: Systematic Antibiotics and Local Antibiotics
- 4.3.2: European Market by End Use: Hospitals, Dental Clinic, Dental Academics & Research Institutes, and Others
- 4.4: APAC Periodontal Disease Treatment Market
- 4.4.1: APAC Market by Drugs: Systematic Antibiotics and Local Antibiotics
- 4.4.2: APAC Market by End Use: Hospitals, Dental Clinic, Dental Academics & Research Institutes, and Others
- 4.5: ROW Periodontal Disease Treatment Market
- 4.5.1: ROW Market by Drugs: Systematic Antibiotics and Local Antibiotics
- 4.5.2: ROW Market by End Use: Hospitals, Dental Clinic, Dental Academics & Research Institutes, and Others

#### 5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Operational Integration
- 5.3: Porter's Five Forces Analysis

#### 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
- 6.1.1: Growth Opportunities for the Global Periodontal Disease Treatment Market by Drugs
- 6.1.2: Growth Opportunities for the Global Periodontal Disease Treatment Market by Type
- 6.1.3: Growth Opportunities for the Global Periodontal Disease Treatment Market by Treatment Type
- 6.1.4: Growth Opportunities for the Global Periodontal Disease Treatment Market by End Use
- 6.1.5: Growth Opportunities for the Global Periodontal Disease Treatment Market by Region
- 6.2: Emerging Trends in the Global Periodontal Disease Treatment Market
- 6.3: Strategic Analysis
  - 6.3.1: New Product Development
  - 6.3.2: Capacity Expansion of the Global Periodontal Disease Treatment Market
  - 6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Periodontal Disease



#### **Treatment Market**

### 6.3.4: Certification and Licensing

#### 7. COMPANY PROFILES OF LEADING PLAYERS

7.1: Bausch Health

7.2: Colgate-Palmolive

7.3: Mylan

7.4: Lyne Laboratories

7.5: WOCKHARDT

7.6: Xttrium Laboratories

7.7: 3M

7.8: Dexcel Pharma

7.9: Izun Pharmaceuticals

7.10: Tolmar Pharmaceuticals



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