

# Dental Biomaterial Market - Forecasts from 2020 to 2025

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## Abstracts

The global dental biomaterial market is expected to grow at a CAGR of 7.41% over the forecast period to reach a total market size of US\$12.258 billion by 2025, increasing from US\$7.983 billion in 2019. Dental biomaterials include all types of natural and biocompatible synthetic materials used to restore damaged and decayed teeth. The growing prevalence of dental disorder coupled with the rising penetration of dental implants is expected to drive the growth of the market during the forecast period. However, stringent regulation and the clinical process is anticipated to restrain the growth of the market in the coming years.

Dental implants and prosthetics are mostly used either for filling oral cavities or replacing them with a concrete solution and according to the World Health Organization, more than 3 billion people in the world are affected by oral health problems. A dental implant is a kind of oral prosthetic in which the gum is opened and in the cavity is positioned a prosthetic crown. Planning the position and number of implants is key to the long-term health of the prosthetic since biomechanical forces created during chewing can be significant.

Growing geriatric population is driving the growth of the market

The global population is aging, and every country is experiencing growth in the old age people proportion in the total population and globally poor oral health among older people is evident in a high level of tooth loss, and all types of periodontal disease. According to the recent report named World Population Prospects by United Nation, by 2050, one in every six people in the world will be over age 65 (16%), up from one in 11 in 2019 (9%) and the number of persons aged 80 years or above is projected to triple, from 143 million in 2019 to 426 million in 2050.

## Material analysis

By material, the dental biomaterial market has been segmented into metallic biomaterial, ceramic biomaterial, polymeric biomaterials, among others. Metallic biomaterial segment is projected to hold a significant share, owing to the benefits offered by titanium material, such as high biocompatibility, strength, rigidity, greater strain-bearing capacity, and greater corrosion resistance properties.

## Application insight

By application, the dental biomaterial market is segmented based on implantology, prosthodontics, orthodontics, among other applications. The implantology application segment accounted for the significant share of the market on account of the increasing penetration of dental implants in developing countries like China, India, and Brazil. In addition, rising demand for cosmetic dentistry, expanding dental tourism in emerging markets, coupled with increasing disposable incomes in developing countries is further expected to boost the growth of the market in the coming years.

North America is holding a significant share in the market over the forecast period

By geography, the dental biomaterial market is segmented as North America, South America, Europe, the Middle East and Africa, and the Asia Pacific. North American region is expected to hold a significant share in the market owing to the presence of major players coupled with the growing geriatric population. In Europe, favorable government initiatives on oral healthcare coupled with higher adoption of the dental biomaterials to manufacture implants and other dental products are expected to drive the regional market in the coming years. Besides, rising disposable income along with the growing number of dental hospitals the market for a dental biomaterial is anticipated to witness exponential growth in the Asia Pacific region.

## Competitive Insights

Prominent key market players in the Dental biomaterial market include Straumann AG, Royal DSM, Medtronic Plc, Danaher Corporation, Geistlich Pharma AG, Zimmer Biomet Holdings, 3M Company, Dentsply Sirona, Inc, Kuraray Co., Ltd, and Mitsui Chemicals, Inc. The number of players in the dental biomaterial market is large and growing with the opportunity to generate significant revenues because of the growing demand for various applications. The players in the global dental biomaterial market are

implementing various growth strategies to gain a competitive advantage over their competitors in this market and are now focusing in the developing region due to the rising disposable income and increasing healthcare expenditure. Key players in this market are focusing on strategic acquisitions, collaborative partnerships, and investment in new geographical boundaries as a part of their growth strategies to provide products to its consumers worldwide. For instance, in July 2018, Straumann Group acquired a nearly 30% stake in its biomaterials partner Botiss medical AG for an undisclosed sum. Botiss is a fast-growing, entrepreneurial company that has already become a leading provider of biomaterials for oral surgery and the acquisition agreement enables Straumann to expand its global distribution network of Botiss products. Major market players in the global dental biomaterial market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last few years. The company profiles section details the business overview, financial performance (public companies) for the past few years, key products and services being offered along with the recent deals and investments of these important players in the global dental biomaterial market.

#### Segmentation:

##### By Material

###### Metallic Biomaterials

###### Titanium

###### Stainless Steel

###### Other

###### Ceramic Biomaterials

###### Polymeric Biomaterials

###### Others

##### By Application

###### Implantology

Prosthodontics

Orthodontics

Others

By End-user

Hospitals

Clinics

Academies and Research Laboratories

By Geography

North America

United States

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

Spain

United Kingdom

France

Others

Middle East and Africa

Saudi Arabia

UAE

Others

Asia Pacific

China

Japan

India

Indonesia

Others

Note: The report will be delivered in 2 business days.

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