

Italy Regenerative Dentistry Market Size and Forecast (2021 - 2031), Country Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product Type (Natural Biomaterials and Synthetic Biomaterials), Technology (Tissue Engineering, Stem Cell Therapy, and Others), Application (Periodontal Regeneration, Endodontic Regeneration, Tooth Reconstruction, Bone Regeneration, and Others), Age Group (Adult and Pediatric), and End User (Hospitals, Dental Clinics, and Others)

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Abstracts

The Italy Regenerative Dentistry Market is expected to reach US\$ 137.90 million by 2031 from US\$ 92.02 million in 2024; the market is estimated to grow at a CAGR of 6.0% during 2025–2031. Major factors driving the market growth include Increasing geriatric population, growing burden of dental diseases, and rising demand for cosmetic dentistry are likely to boost the market during the forecast period. However, the high cost of dental regeneration treatment hampers the market growth.

Dental diseases are among the most preventable public health concerns reported in Italy. According to Eurostat data, Italy is the oldest country in the European Union, with an average median age exceeding 48 years. Along with Portugal, Italy has the highest percentage of residents aged over 65, accounting for 24% of the population—approximately one in four individuals. In January 2023, the Italian Institute for International Political Studies published an article titled 'The Not-So-Sweet Life of Italy's Elders' highlighting the fastest population aging in Italy after Japan and South

Korea. In 2022, there were 37 individuals aged over 65 for every 100 working-age people (aged 15–64), and this ratio is expected to rise to 65 by 2050. During the same period, the percentage of people over 80 will increase from 3.7% to 7.5%. Edentulism, or complete tooth loss, and severe tooth loss are becoming increasingly common, particularly among older populations. The prevalence of dental caries and periodontal diseases has surged, leading to the adoption of advanced regenerative therapies, such as stem cell-based treatments and tissue engineering. These minimally invasive techniques are gaining popularity due to their ability to reduce pain and recovery time while effectively restoring dental tissues.

Dental diseases are a significant factor contributing to market growth in Italy. As per the study titled 'Experience and Prevalence of Dental Caries in Migrant and Nonmigrant Low-SES Families' Children Aged 3 to 5 Years in Italy,' published in September 2022, dental caries is predominant among children from low socioeconomic status groups and the prevalence of caries was found to be 71% among these children. The demand for dental care solutions to address tooth loss, periodontal disease, and other age-related oral health issues is increasing, especially among the aging demographics. Treatments focusing on gum tissue regeneration, bone regeneration, and tooth pulp therapy are particularly appealing as they provide less invasive alternatives to traditional options like implants and dentures.

As a result, regenerative medicine technologies, such as stem cell-based treatments and biocompatible scaffolds, are offering effective solutions for cosmetic and restorative dental needs.

The comparative company analysis evaluates and categorizes the Italy Regenerative Dentistry Market based on product portfolio (Product Type, Technology, Application, Age Group, and End User), recent market developments (merger & acquisition, new product launch & enhancement, investment & funding, award, agreement, collaboration, & partnership, recognition, and expansion), and geographic presence that aids better decision-making and understanding of the competitive landscape. The report profoundly explores the recent significant developments and innovations by the leading vendors in the Italy Regenerative Dentistry Market. The key market players are Dentsply Sirona Inc, Geistlich Pharma AG, Evonik Industries AG, ZimVie Inc, BioHorizons Inc, Nobel Biocare Services AG, UBGEM, B&B Dental Implant Company, Botiss Biomaterials GmbH, Envista Holdings Corporation

Based on Technology, the Italy Regenerative Dentistry Market is segmented into Tissue Engineering, Stem Cell Therapy, and Others. In 2024, the Tissue Engineering, segment

held the largest share of the market. Based on Application, the Italy Regenerative Dentistry Market is segmented into Periodontal Regeneration, Endodontic Regeneration, Tooth Reconstruction, Bone Regeneration, and Others. In 2024, the Periodontal segment held the largest share of the market.

Various organic and inorganic strategies are adopted by companies operating in the Italy Regenerative Dentistry Market. The organic strategies mainly include product launches and product approvals. Inorganic growth strategies witnessed in the market are acquisitions, collaboration, and partnerships. These growth strategies allow the market players to expand their businesses and enhance their geographic presence, along with contributing to the overall market growth. Furthermore, strategies such as acquisitions and partnerships helped strengthen their customer base and extend their product portfolios. A few of the significant developments by key players in the Italy Regenerative Dentistry Market are listed below.

In July 2022, Evonik's recombinant, non-animal-derived collagen platform is now available at commercial scale. Vecollan is highly pure and soluble collagen that is produced via fermentation. It features a triple-helix structure to mimic the properties of natural collagen, making it suitable for use in medical, pharmaceutical, cell culture, tissue, and other life science applications

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