

# The impact of oral health on overall well-being: A comprehensive review.

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## Introduction

Oral health is not just about having a bright smile; it is intricately linked to one's overall well-being. The mouth serves as a gateway to the body, and its health can significantly affect various systemic conditions [1]. This comprehensive review explores the multifaceted impact of oral health on overall well-being, encompassing physical, mental, and social aspects [2].

**Physical Health:** The state of oral health is closely tied to physical health. Poor oral hygiene can lead to dental caries, periodontal diseases, and tooth loss, which not only impair chewing function but also contribute to systemic inflammation [3]. Chronic periodontitis, for instance, has been associated with increased risks of cardiovascular diseases, diabetes, and respiratory infections. Moreover, oral infections can exacerbate existing conditions such as diabetes by affecting glycemic control [4].

**Mental Health:** The link between oral health and mental well-being is gaining recognition. Oral health issues can lead to psychological distress, affecting self-esteem and quality of life. Individuals with missing teeth or oral pain may experience social anxiety and depression, impacting their daily activities and interpersonal relationships. Conversely, poor mental health may manifest as neglect of oral hygiene practices, perpetuating a cycle of oral health deterioration [5].

**Social Well-Being:** Oral health plays a crucial role in social interactions and overall quality of life. Dental aesthetics can influence self-confidence, social integration, and professional success. Dental appearance stigma, prevalent in societies emphasizing beauty standards, may lead to social exclusion and discrimination. Furthermore, oral health problems can impair speech and communication, hindering interpersonal connections and compromising social well-being [6].

**Preventive Strategies:** Effective preventive strategies are imperative to preserve oral health and enhance overall well-being. Promoting regular dental check-ups, education on proper oral hygiene practices, and access to fluoridated water are fundamental measures [7]. Additionally, addressing socioeconomic disparities and implementing community-based interventions can mitigate barriers to oral health care access, promoting equity and improving overall health outcomes [8].

**Interdisciplinary Collaboration:** Collaboration between dental and medical professionals is essential for comprehensive

patient care. Integrated healthcare approaches facilitate early detection and management of systemic conditions with oral manifestations, such as diabetes and HIV/AIDS [9]. Furthermore, multidisciplinary teams can address the complex interplay between oral health, nutrition, and mental well-being, promoting holistic health promotion strategies [10].

## Conclusion

In conclusion, oral health is intricately interconnected with overall well-being, encompassing physical, mental, and social dimensions. Neglecting oral health can have far-reaching consequences, impacting systemic health and quality of life. Adopting preventive measures, promoting interdisciplinary collaboration, and addressing social determinants of health are crucial steps towards improving oral health outcomes and enhancing overall well-being.

## References

1. Tavelli L, Barootchi S, Avila-Ortiz G, et al. Peri-implant soft tissue phenotype modification and its impact on peri-implant health: a systematic review and network meta-analysis. *J Periodontol*. 2021;92(1):21-44.
2. Figueredo CA, Abdelhay N, Figueredo CM, et al. The impact of vaping on periodontitis: A systematic review. *Clin Exp Dent Res*. 2021;7(3):376-84.
3. Bond P, Smit DL, de Ronde W. Anabolic-androgenic steroids: How do they work and what are the risks?. *Front Endocrinol (Lausanne)*. 2022;13:1059473.
4. Gil-Montoya JA, Ferreira de Mello AL, Barrios R, et al. Oral health in the elderly patient and its impact on general well-being: a nonsystematic review. *Clin Interv Aging*. 2015:461-7.
5. Taberna M, Gil Moncayo F, Jane-Salas E, et al. The Multidisciplinary Team (MDT) approach and quality of care. *Front Oncol*. 2020;10:85.
6. Manfredini D, Ahlberg J, Aarab G, et al. Standardised tool for the assessment of bruxism. *J Oral Rehabil*. 2024;51(1):29-58.
7. Ju H, Jones M, Mishra G. The prevalence and risk factors of dysmenorrhea. *Epidemiol Rev*. 2014;36(1):104-13.
8. Rothenberger DA. Physician burnout and well-being: a systematic review and framework for action. *Dis Colon Rectum*. 2017;60(6):567-76.

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9. Quaranta A, D'Isidoro O, Piattelli A, et al. Illegal drugs and periodontal conditions. *Periodontol 2000*. 2022;90(1):62-87.
10. Fraihat N, Madae'en S, Bencze Z, et al. Clinical effectiveness and cost-effectiveness of oral-health promotion in dental caries prevention among children: systematic review and meta-analysis. *Int J Environ Res Public Health*. 2019;16(15):2668.