

Periodontitis a multifactorial disease: Diabetes Mellitus

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Abstract

Periodontitis is a multifactorial disease, in which plaque is the initiator factor, influencing both local and systemic factors. Diabetes is a systemic disease due to a decrease in the secretion of the hormone insulin or a deficiency of its action.

Objective: The purpose of this paper is to explain some basic concepts that help to understand the bi-directional association of periodontal disease with Diabetes Mellitus, based on the scientific findings. In order to know, treat and care for the health of a diabetic patient.

Methodology: a bibliographic search was carried out in national and international databases (pubmed, periodontology 2000, medline, scielo, elsevier, intramed, j periodontol, etc.) using key words.

Results: 55 articles were chosen for the study, highlighting the objective of this work is the relationship between Diabetes Mellitus and periodontal disease.

Conclusion: The association between Diabetes Mellitus and periodontitis has been reported in numerous studies, as in animal studies suggest that the presence of one condition tends to increase the risk and severity of the other.

BIOGRAPHY:

Dr. Fabian Aguilar is a Periodontist Surgeon, has graduated from Baja California Autonomous University in the city of Mexicali, Baja California, México. He published the article in June 2017, that has been cited several times. He has been Certified by Consejo Mexicano de Periodoncia A.C. since 2018. He is member of the International Team for Implantology (ITI) since 2018. He is member of Asociación Mexicana de Periodontología (AMP) since 2019 and is currently a member of the American Academy of Periodontology (AAP) since 2022.