Extended Abstract

Two-Way Relationship between Diabetes and Periodontal Disease: A Reality or a Paradigm? †

Dorina Lauritano 1,*, Giulia Moreo 1, Francesco Carinci 2, Alberta Lucchese 3, Dario di Stasio 3, Fedora della Vella 4 and Massimo Petruzzi 4

1 Department of Medicine and Surgery, Centre of Neuroscience, University of Milano-Bicocca, 20126 Milan, Italy; moreo.giulia@gmail.com
2 Department of Morphology, Surgery and Experimental Medicine, University of Ferrara, 44121 Ferrara, Italy; crc@unife.it
3 Multidisciplinary Department of Medical-Surgical and Dental Specialties, University of Campania—Luigi Vanvitelli, 80138 Naples, Italy; alberta.lucchese@unicampania.it (A.L.); dario.distasio@unicampania.it (D.d.S.)
4 Interdisciplinary Department of Medicine, University of Bari, 70121 Bari, Italy; fdellavella@gmail.com (F.d.V.); massimo.petruzzi@uniba.it (M.P.)
* Correspondence: dorina.lauritano@unimib.it; Tel.: +39-335-679-0163
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Diabetes mellitus (DM) and periodontal disease (PD) are both chronic diseases. From one side, DM have an adverse effect on PD, and on the other side PD may influence DM. Systemic therapy of DM with glycaemic control, affects the progress of PD. Reversely treatment of PD combined with the administration of systemic antibiotics seems to have a double effect on diabetic patients reducing the periodontal infection and improving the glycaemic control [1,2].

Inflammation, altered host responses, altered tissue homeostasis are common characteristic of both DM and PD. The potential common pathophysiology pathways of direct or reverse relationship of DM and PD are still unknown and further in vitro and in vivo studies are needed to explore this relationship [3,4].

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References


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