

IS HYALURONIC ACID A NEW EMERGING AID IN REGENERATIVE PROCEDURES?

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WEBINAR: WEDNESDAY, APRIL 3rd, 2019 | 7-8PM (CET)

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Prof. at Department of Periodontology at the University of Zagreb | President of the Croatian Society of Periodontology | Member of the wider EFP executive board as a member of the Communications Committee of the European Federation of Periodontology

He received his PhD in 2010 on the topic: „The Influence of BMP-7 on gene expression in cementoblasts“.

He has published more than 30 publications in peer-reviewed journals and has had more than 60 poster presentations. He has been invited to the prestigious 2018 EFP European Workshop in Periodontology in La Granja on the topic of „**Bone regeneration**“ where he was a member of group 2 that covered biomaterials, membranes, growth factors and cell therapy which results will be published in the Journal of Clinical Periodontology 2019 special issue.

LECTURE SUMMARY:

Regenerative procedures in dentistry being either GBR or periodontal regeneration are growing in need. There is an increase in implant placement nowadays with worldwide numbers reaching above 20 million fixtures annually. It is estimated that close to 50% of the patients require some type of a bone grafting procedure prior to or simultaneous with implant placement. Various grafting materials and growth factors have been advocated and used during the last decades with more or less success.

Although autogenous bone still remains the preferable material for GBR procedures, morbidity due to a secondary surgical site often induces severe postoperative discomfort and pain. During the last decade growth factors have emerged as molecules utilized in inducing bone formation. These molecules often require scaffolds (xenogenic or alloplastic) so their activity can be maintained at the delivery site for a longer period of time. The results of utilizing these growth factors has been somewhat successful and have shown that their use can be an alternative to autogenous bone grafting. In the realm of growth factors a new molecule is emerging, that is the hyaluronic acid. This webinar will cover the potential and promising initial clinical results of this molecule in various clinical indications ranging from periimplantitis, GBR, periodontal regeneration and periodontal plastic surgery.