

TISSUE REGENERATION AND MAINTENANCE PROTOCOLS FOR PERI- IMPLANT MUCOSITIS AND IMPLANTITIS

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Post implant insertion disease is not uncommon according to recent systematic reviews. Frequency has been classified in relation to affected biologic entity, number of implants and number of individuals involved: peri-implant mucositis affected 63.4% of identified participants compared to 30.7% of implants inserted; peri-implantitis was detected in 18.8% of participants and 9.6% of implants. Different treatment protocols are described in the literature. Critical appraisal of the evidence based upon long term outcome predictability could not sufficiently support and/or favorize particular treatment protocols. The consensus report of the sixth European workshop on periodontology (2008) concluded that there was no evidence that so-called regenerative procedures had additional beneficial effects on treatment outcome when used for peri-implantitis lesions. The consensus report of the tenth European workshop on periodontology (2014) related skin wound healing to oral soft tissue healing both in teeth and implants. The aim of the presentation is to introduce

regenerative and maintenance protocols borrowed from wound healing and addressing both implant affected entities: soft tissues and supporting bone. The suggested protocols follow established requests related to the biology of wound healing and modification of the implant surface, application of self-induced regenerative, anti-bacterial and anti-bio adhesion coating.

Biography

Livi Steier served as Clinical and Course Director of the MSc in Endodontics at University of Warwick. He is Specialist in Prosthodontics and Dental Materials and Specialist in Endodontics. He served as Visiting Professor at University of Florence and Tufts Dental School. He published numerous papers and book chapters. He serves as a Reviewer and editorial board for different scientific journals worldwide. His research interest includes Dental Bio-Material Science.

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