

Treatment of mild Peri-implantitis by Laser assisted Regenerative procedure



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A 37-year-old woman complained of bleeding and sensitivity in the anterior teeth around an implant which was placed 13 years ago.

After examination, periodontal pockets (6-7mm) were found on the Bucco- distal aspect of the #11 implant without any XRays modifications (Pictures 1,2). No other areas were involved in this Localised Mild Peri-implantitis.

Taking esthetics into consideration, we decided to treat this area with a conservative and a regenerative approach.

After debridement and exposure of the defect, decontamination of the exposed implant was performed by a combination of mechanical and Er YAG Laser therapy (50mj Energy/20Hz Frequency/Tip 1300 microns) (Pictures 3,4).

Bone Substitute (Xenograft),

Growth factors (Emdogain) and a Collagen Membrane was used to repair the defect. (Pictures 5,6,7,8) Several months later, the patient was asymptomatic and the clinical aspect was acceptable (No bleeding/No pocket) (Pictures 9,10). Because of the easy access for hygiene, the prognosis of this treatment of mild Peri-implantitis in the smile area can be fair.

