

STICKY BONE – A RESCUE IN THE MANAGEMENT OF PERI-IMPLANTITIS ?

Introduction -The use of dental implants for supporting prosthetic rehabilitations has shown exceptional results in restoring the patient's function and esthetics. However, loss of supportive bone, even in cases of successful osseointegration is possible due to peri-implantitis. Treatment of peri-implantitis is complex which includes Non-surgical and surgical protocols. One such surgical protocol is regenerative therapy which includes Sticky bone (SB) and Advanced – Platelet Rich Fibrin (A-PRF). SB, a growth factor enriched bone matrix helps improving the stability of bone graft and A-PRF influences bone and soft tissue regeneration. Owing to its individual advantages both A-PRF and SB were used in this case report.

Aim –The aim of this case report was to combine sticky bone and A-PRF for the treatment of peri-implantitis.

Materials & Method –Venous blood was drawn to prepare SB and A-PRF. A mucoperiosteal flap was reflected to expose the defect site. The area was thoroughly debrided and compacted with the prepared material. Pre and 3 months post-operative clinical parameters and radiographic findings were assessed.

Summary of the Results - Clinical healing and radiographic evidence of regeneration showed satisfactory outcome.

Conclusion – The conjunction of A-PRF and SB is simple, cost effective, and an efficacious technique that can be used to improve peri-implant conditions effectively.

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