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Importance of Palatal Recession Coverage on Dental Implants



Prevention of Peri-implantitis

Importance in preventing biofilm-induced peri-implant mucositis.

Aesthetics

Significance of esthetics in palatal recession coverage.



Case Presentation

Patient Profile

38-year-old female with palatal soft-tissue recession on maxillary dental implant.

Cause of Palatal Recession Necrosis of palatal split-thickness flap during previous implant procedure (during the healing abutment setting).

Clinical History

A modified palatal roll-flap technique, as described by Kulkarni et al. had been used to augment the buccal tissue at the second stage and the palatal recession was caused due to the necrosis of the palatal split-thickness flap.



Fig.1 Palatal recession associated with the implant in 14 region



KEYS TO SUCCESSFUL MANAGEMENT

Tissue Thickness Importance



Adequate Tissue Volume

Emphasizing the significance of tissue thickness for stability and the role of connective-tissue graft in long-term stability.

Tavelli L, Barootchi S, Di Gianfilippo R, Modarressi M, Cairo F, Rasperini G, et al. Acellular dermal matrix and coronally advanced flap or tunnel technique in the treatment of multiple adjacent gingival recessions. A 12-year follow-up from randomized clinical trial. J Clin Periodontol 2019; 46:937–48