

Inter-implant Papilla Reconstruction

A new surgical and prosthetic approach

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Inter-dental papilla

Tarnow et al. 1992



Single-tooth dental implant

Choquet et al. 2001



Adjacent implants

Zetu L, Wang HL
J of Clin Periodontol 2005



New technique for inter-implant papilla reconstruction

R. Tizzoni

Clin Oral Impl Res 2009



A New Surgical Technique for Inter-implant Papilla Reconstruction

1. I did not “preserve” buccal osseous plate
2. I did not “preserve” any morphology of the soft tissue
3. I did not perform any bone grafting (except one because of a car accident)
4. I did not use the “platform switching” concept
5. I did not perform any connective tissue graft in the areas of papillae regeneration

1st Clinical case



Rx at pre-treatment



2nd Clinical Case





Conventional Vs. New Surgical Technique

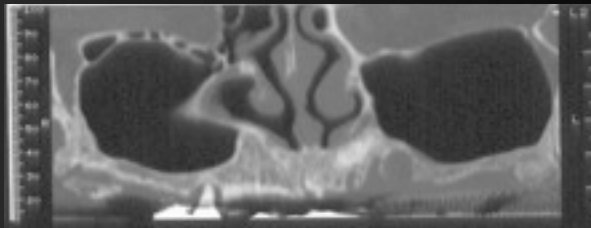


Ctr area



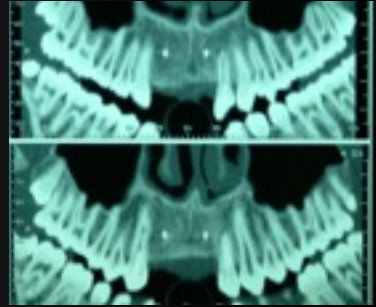
New surgical
technique area

3rd Clinical Case





4th Clinical Case







Pre-op




1 Year Follow-up

Conclusions

- These results seem to suggest that this surgical approach, even in reabsorbed ridges with flat anatomy, may reform inter-implant bone peaks as support for the papillae. (100% papilla reconstruction at first prosthesis insertion, 13,3% failed to maintain inter-implant papillae after a 6 months follow-up period, and 20% after 12 months of follow-up time)
- Further research especially with dedicated surgical instruments

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Ringrazio per la cortese
attenzione

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