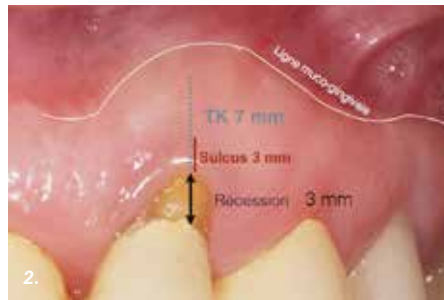


MULTIPLE RECESSION TREATMENT USING THE MODIFIED TUNNELLING TECHNIQUE

CASE BY DR AYMERIC COURVAL, STRASBOURG (FRANCE)

A 41 year old female presented with multiple recessions on the upper jaw. The decision was made to perform mucogingival surgery after mechanical cleaning.



1. Following the first round of mechanical cleaning a slight gingival recession was visible on teeth 21 and 23, which was more pronounced on tooth 23. Tooth 21, 22 and 23 carried a tooth borne prosthesis.

2. A 1mm recession was apparent on teeth 21 and 23. The largest recession was observed on tooth 22 with a sulcus depth of 3 mm.



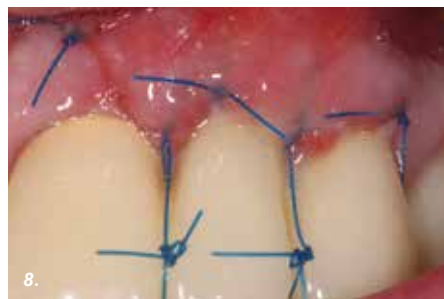
3. The tunnel was prepared by subgingival detachment of the periodontal ligaments from the tooth using a microblade. The distal tunnel was prepared as shown.

4. The soft tissue was completely released, and the gingiva could be moved freely without tension.



5. Hyaluronic acid (HYADENT BG) was applied into the tunnel and on to the exposed tooth root.

6. A soft tissue graft, taken from the patients' palate, was placed into the tunnel and fixed. Additional hyaluronic acid (HYADENT BG) was applied into the tunnel to cover the soft tissue graft.



7. The gingiva was coronally advanced and kept in place with sutures. The soft tissue was free of tension.

8. Good wound healing and no swelling of the tissue seven days after the procedure.



9. The sutures were removed 14 days after the surgical intervention. Very good healing of the tissue was achieved. The patient did not have any pain.

10. 9 months after the surgical treatment: A healthy and thick gingiva was visible and the recessions were successfully treated.