Fondazione IRCCS Cà Granda
Ospedale Maggiore Policlinico
Dental and Stomatology Clinic
of the University of Milan
Department of Parodontology

M-Mist Surgery : Case Report

Batia S., Pieriboni S, Limiroli E.,Batia R, Citriniti J., Bellucci G.

AIM

The objective of the study is preservation of a sufficient vascular supply is essential to ensure survival of the elevated flap .

An Incision M Mist flap and then a gently elevation flap for an improved esthetic outcome due to a minimized risk of prospective scar- tissue formation.

METHODS

Before surgery we waited at least 6 months after the Non surgical periodontal treatment

The use of magnification and micro instrument , mini micro blades, Prolene 6/0 sutures, mini five curettes.

Female Patient 55 years Probing depth 9 mm

We did the surgery with a M Mist approach. An intrasulcular incision at tooth 33, crossing the papilla at his base, because we have > 2mm distance between the teeth, and again intrasulcular incision around the element 3.4 without vertical incision. We start the reflection of flap with micro instruments to clean and remove inflammatory tissue too. We use ultrasonic instrument and mini five manual curette. During the manual phases we use H2O2 solution and Clorexidine 0,2 % to clean into the intrabony defect. We decided to use a mix of biomaterials ,Enamel Matrix Protein and Bovine Bone, with some blood of the patient too. We prepare a Laurell Gottlow suture with a Prolene 6/0 to close the wound.

RESULTS

Effect of tissue regeneration surgery with M Mist papillary incision technique shows a preservation of blood vessels for a better healing and an immediately post.

CONCLUSIONS

This technique with M Mist incision papilla is a method to improve healing for periodontal regeneration preserving as possible the blood supply and improving esthetic outcome achievement of wound primary closure.

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