



UPPER LIP FRENULECTOMY

Case treated by:

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BEFORE



AFTER



Non-surgical periodontal therapy with Scaling and Root Planing is usually applied to simple cases, with probing depth below 5 mm. The synergistic use of traditional instruments and Wiser can move this limit forward, allowing us to handle with open procedures cases that otherwise would have been treated using open surgery.

Patient:

Age: 50 years.

Gender: male.

General history: nothing relevant.

Case history: the patient shows up for a first examination complaining about gingival bleeding and sensitivity. In the mesial vestibular arches of elements 11 and 21, probing depth is 9 mm, a diastema between the two elements and a large upper labial frenulum that exerts a powerful traction force next to deep pockets.

Trattamenti ipotizzabili.

	Methods	Benefits	Disadvantages
Traditional	Periodontal treatment of surgical type. Surgical frenulectomy.	Improvement of the Periodontal state, probing and bleeding. Rapid intervention.	Surgical treatment. Invasive. Long healing time.
Laser	Non-surgical periodontal treatment. Frenulectomy. Photobiomodulation with Wiser.	Hemostasis. Secondary intention healing. No sutures. Decontamination. Biostimulation. Improves the Periodontal state and probing outcome.	None.

Treatment:



Upper Lip Frenulectomy with Wiser



Biostimulation with Flat Wave handpiece.



State immediately after:
Open Scaling and Root Planing. Upper Lip Frenulectomy with Wiser.



Five days after surgery, the secondary intention healing begun.

Conclusions: Only ten days after surgery, periodontal probing is performed with slight pressure. Mild tissue ischemia is obtained, only 3 mm in the vestibular mesial arch of the tooth 11, and only 2 mm in the vestibular mesial arch of tooth 21. The site subjected to Frenulectomy shows advanced epithelization. In this case, Wiser's potential has been fully exploited. **Decontamination action** in surgical periodontal therapy, thanks to decontamination and photodynamic therapy. **Surgical particularities**, with hemostasis in frenectomy. **Therapeutic particularities**, the Flat Wave handpiece accelerates healing by tissue photobiostimulation.