

## **LeNeckLift with the LipoLife device to treat de lipodystrophy of the neck: Preliminary experience**

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### **ABSTRACT**

**Objective:** The aim of this study is to describe a new technique (called Le NeckLift) of laser-assisted lipolysis that is the efficacy and safety in the submental rejuvenation.

**Methods:** 6 patients presenting submittal fat localization associated in three of them with laxity of the skin, were treated with the protocol established in our unit. The laser LipoLife (Alma Lasers, Caesarea, Israel) used in this study was a 1470 nm diode laser wavelength which specifically targets fat-water absorption combined infiltration and suction, an integrated cannula and fiber interface for simultaneous lasing and suction, the Lipo Vibe™ vibrational device for fat removal; the Angel™ radial emitting fiber Laser energy was transmitted through a 600 µm optical fiber and delivered in a continuous mode, at 15 W power. The treatment was done under local anesthesia with Lidocaine, and the infiltration was performed with the tumescent technique. The procedure was in three steps: first using infiltration cannula between 75 to 150 ml of serum with 1% adrenaline were used to infiltrate the submittal fatty tissue. Then one passage to eliminate the adipose tissue of the laser diode was performed in association with lipoaspiration. Then a new passage of the diode once the fatty tissue sucked to increase the skin tightening effect of the laser.

**Results:** No seromas were observed. Pain during anesthesia and discomfort after the procedure were minimal. The social eviction was minimal. The patient had to care a bandage for 24 hours followed by an elastic garment 12 hour per day for 2 weeks. The average cervicomental angle decreased. This demonstrated a systematic decrease in fat thickness and improved skin tightening. The patient auto evaluation considered the aesthetic improvement between fairly good (1) good (2) excellent (3)

**Conclusion:** The “Le NeckLift” procedure using the laser-assisted lipolysis LipoLife is approved to be safe and effective for skin tightening and rejuvenation of the sub mental area and seems to be a better option than traditional techniques for treatment of this cosmetic problem.

### **BIOGRAPHY**

Dott Uberto Giovannini specializes in reconstructive and aesthetic plastic surgery in Milan in 1997. His exercise is entirely dedicated to a proportionate and harmonious cosmetic surgery that contemplates the use of surgical techniques acquired in my international career, during which He was able to collaborate with the best professionals worldwide. He Practicien associate officer from 10 November 1997 to 1 September 1998 in the Department of Resuscitation Department Burns Center Regional University Hospital Center of Montpellier France.

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