

# Permanent implants for lip augmentation: Results from a retrospective study and presentation of tips and tricks

Guida S.<sup>1</sup>, Mandel V.D.<sup>1</sup>, Pellacani G.<sup>1</sup>, Urtis G.G.<sup>2</sup>, Farnetani F.<sup>1</sup>

<sup>1</sup>University of Modena and Reggio Emilia; Department of Surgical, Medical, Dental and Morphological Sciences with Interest transplant, Oncological and Regenerative Medicine, Dermatology Unit, Modena, Italy;

<sup>2</sup>Istituto Dermoestetico, Milano, Italy.

**Introduction:** Lip augmentation request is increasing. Nowadays, several techniques to obtain temporary effects are available. On the other hand, permanent results can be reached through lip prosthesis implantation. This procedure represents an innovation in the field of aesthetic medicine and surgery.

**Material & Methods:** A total of 110 women with atrophic or hypoplastic lips were treated with lip implants. The treatment was performed in a single session and controls were scheduled at fixed time intervals. A standard digital photo was used for measurement and analysis. Data concerning patient satisfaction and complications of the technique were collected and analysed. Variations to the original technique were also considered.

**Results:** Patient evaluation revealed that a permanent and natural result without discomfort for the patient and/or the partner was reached with the implantation of silicone prosthesis in the upper and/or lower lip. Swelling, bruising, and malpositions were the most frequent adverse events. A case of severe edema was reported. Practical tricks acquired through experience were analysed to prevent complications.

**Conclusions:** The request of permanent results for lip augmentation allowed the development of silicone prosthesis. Advantages of this prosthesis are: safety, definitive result, and reversibility considering the possibility to remove the implanted prosthesis in case of request.