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A Natural Flat Volumized Lips Filler Technique: Retrospective Analysis of 920 Patients

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Abstract

Background: Traditionally, hyaluronidase (HYAL) is used after hyaluronic acid (HA) injection to dissolve the undesired migration of product.

Objective: To describe a novel lip augmentation technique that uses HA and HYAL simultaneously in patients who previously had HA migration.

Methods and materials: Nine hundred twenty female patients were included. In the first group (n = 793), HA injections were performed in subcutaneous plane of the lips. In the second group who had previous product migration (n = 127), 7.5 units of HYAL is injected in 4 points in perioral area before proceeding with HA injection.

Results: The medicis lip fullness scale scores after 2 weeks improved in all patients, while 92% of patients perceived the results as "very much improved" with Global Aesthetic Improvement Scale (p < .001). There was no difference between 2 groups regarding the patient satisfaction rates (p > .05), while filler migration was seen in 0.2% (n : 15) of patients in the first group during the follow-up period.

Conclusion: The new vertical injection approach provided an increased vertical height, optimal eversion, and an incisor display on the lips. The simultaneous use of HYAL before HA injection seems to be a safe and effective practice in 1-stage treatment of the previously injected lips with filler migration into perioral area.

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