



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

SYNERGIC EFFECT OF PLASMA EXERESIS AND NON CROSSED-LINKED HYALURONIC ACID, WITH HYBRID COMPLEX OF LOW AND HIGH MOLECULAR WEIGHT THERMALLY STABILIZED, TO IMPROVE NECK SKIN LAXITIES.

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INTRODUCTION: Plasma exeresis is a technique to treat skin laxities in single spot mode: through the ionization of the gases between the point and the tissue, it generates the plasma: tissue sublimation is achieved. Non crossed-linked hyaluronic acid with hybrid complex of low and high molecular weight thermally stabilized improves skin laxities.

OBJECTIVE: The aim of this study is to investigate the combined application of plasma exeresis and hyaluronic acid on neck skin laxity.

MATERIAL & METHODS: Inclusion criteria: patients aged between 35 and 75 year old with neck skin laxity. Exclusion criteria: previous hypertrophic scars, autoimmune disease, or oral retinoid drug prescribed within the past six month. At T0 topical anesthesia was applied one hour before on the selected area. One plasma exeresis session (Plexr®, GMV, Roma, Italy) was performed on the skin laxity. Than 2 ml of hyaluronic acid (Profilo®, Ibsa, Lodi, Italy) was injected with liner retrograde technique into the wrinkles. After the treatment, the patient applied twice a day non-alcoholic disinfectant solution and covered the defect with foundation. At T30 another session of 2 ml hyaluronic acid was performed in the wrinkles with the same technique. Clinical images were taken before T0a, immediately after T0b at T30 and T60.

Patient satisfaction was evaluated using a visual analog scale (VAS). Moreover, Global Aesthetic Improvement Scale (GAIS) was rated both by the patient and by the doctor.

RESULTS: ten patients aged between 40 and 68 year old were treated. The evaluation of clinical images showed a very good cosmetic result.

CONCLUSIONS: The combination of plasma exeresis and hyaluronic acid with hybrid complex of low and high molecular weight thermally stabilized, is a good therapeutic option to manage neck skin laxities. No major side effects were observed.

