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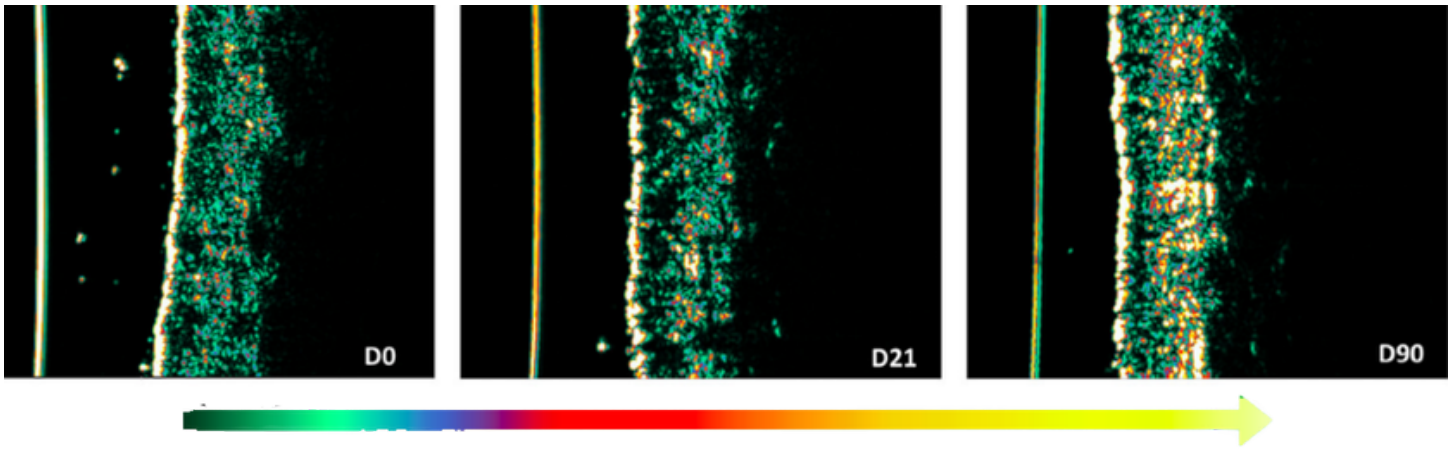
CASE STUDY

Evaluating the Efficacy of FILLMED Art Filler Using the DermaLab Ultrasound probe

Objective evaluation of collagen density and treatment longevity following hyaluronic acid filler injection.

SOLUTION & METHOD

100 participants received FILLMED Art Filler injections in the nasolabial folds and/or lips. Collagen density was assessed using the DermaLab Ultrasound Probe over a duration of 18 months to investigate both immediate aesthetic correction and the longevity of treatment effect.



Ultrasound images before treatment (D0) and after treatment (D21 and D90). The increasing white/yellow coloration reflects a progressive increase in collagen deposition within the dermis. ***Reference:*** *Figure lent from Ehlinger-David et al.: "A prospective multicenter clinical trial evaluating the efficacy and safety of a hyaluronic acid-based filler with Tri-Hyal technology in the treatment of lips and the perioral area", Journal of Cosmetic Dermatology, Vol. 22(2) 464-472 (2022), Figure 5.*

RESULTS AND CONCLUSIONS

Significant increases in collagen density was found in all follow-up visits compared to baseline (Day 0) with the greatest dermal density at Day 90.

This suggests that the filler induces collagen remodelling with a long-lasting effect.

MEASUREMENT AREA

Nasolabial folds

Case information

Study title: A prospective multicenter clinical trial evaluating the efficacy and safety of a hyaluronic acid-based filler with Tri-Hyal technology in the treatment of lips and the perioral area

Published in: Published in: Journal of Cosmetic Dermatology, Vol. 22(2) 464-472, (2025)

Authors: Ehlinger-David et al.

Aim: To evaluate efficacy of cross-linked hyaluronic acid filler (FILLMED Art Filler) in the treatment of lips and nasolabial folds.

Please note: Measurements were performed using the DermaLab Combo; alternatively, collagen density measurements may be obtained and visualized using the DermaLab Aesthetic.

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