Cortex

CASE STUDY

Upper-arm Skin Rejuvenation

Using DermaLab Elasticity and Ultrasound Probes

To compare Rennova Elleva and Sculptra

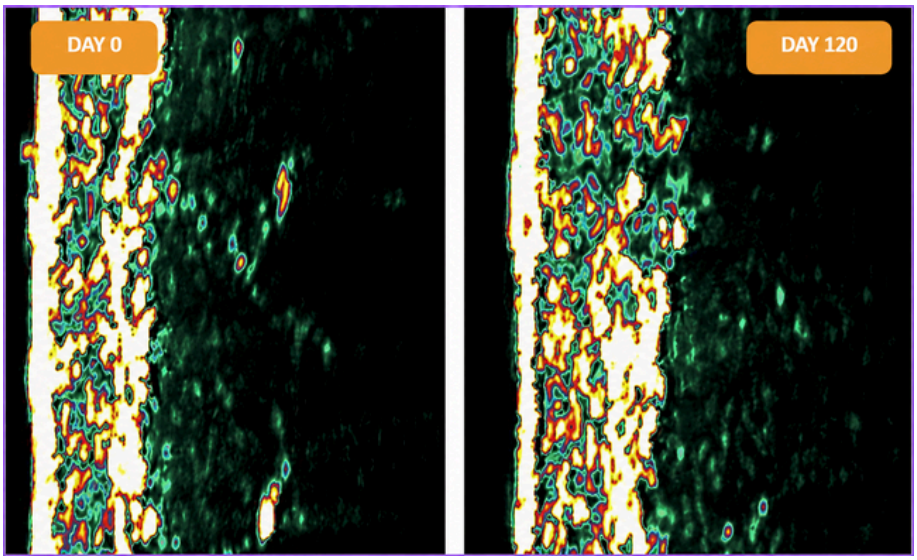
Objective evaluation of collagen density and skin elasticity following treatment of the upper inner arms

CASE STUDY

SOLUTION & METHOD

20 adults underwent a single treatment session in which **one arm** received 18 mL of **Rennova Elleva** injectable, and the **other arm** received 18 mL of **Sculptra (Galderma).** Skin elasticity and collagen density were evaluated using the DermaLab Elasticity and Ultrasound Probes. Measurements were performed before treatment and at 30, 60, 90, and 120 days post treatment.

ULTRASOUND PROGRESSION



Left image: *Ultrasound image of upper arm before injectable.* ***Right image:*** *Upper arm 120 days after treatment with Rennova Elleva. The increasing white/yellow coloration reflects an increase in collagen deposition within the dermis* ***Reference:*** *Figure lent from Bravo et al.: "Poly-L-lactic acid (PLLA) in arm contouring: a prospective and blinded trial of Rennova® Elleva and Sculptra®", Frontiers in Surgery, Vol 13 (2026), Figure 2.*

RESULTS AND CONCLUSIONS

Both products **increased collagen density** in the upper arms. Furthermore, **Skin elasticity improved** significantly in both treatment sides.

No significant differences were observed between the treated sides, suggesting that both Rennova Elleva and Sculptra are effective options for upper arm rejuvenation.

MEASUREMENT AREA

Upper inner arms

Case information

Study title: Poly-L-lactic acid (PLLA) in arm contouring: a prospective and blinded trial of Rennova® Elleva and Sculptra®

Published in: Frontiers in Surgery, Vol 13 (2026)

Authors: Bravo et al.

Aim: To evaluate and compare the clinical and aesthetic outcomes of Rennova Elleva and Sculptra in upper arms.

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

Cortex | Niels Jernes Vej 6B, 9220 Aalborg, Denmark | +45 9857 4100 | cortex@cortex.dk | www.cortex.dk