

CASE STUDY

Comparing the Effect of Rennova Diamond Intense and Radiesse Injectables on Skin Elasticity and Collagen Density

Using DermaLab probes for objective evaluation of skin elasticity and collagen density following treatment



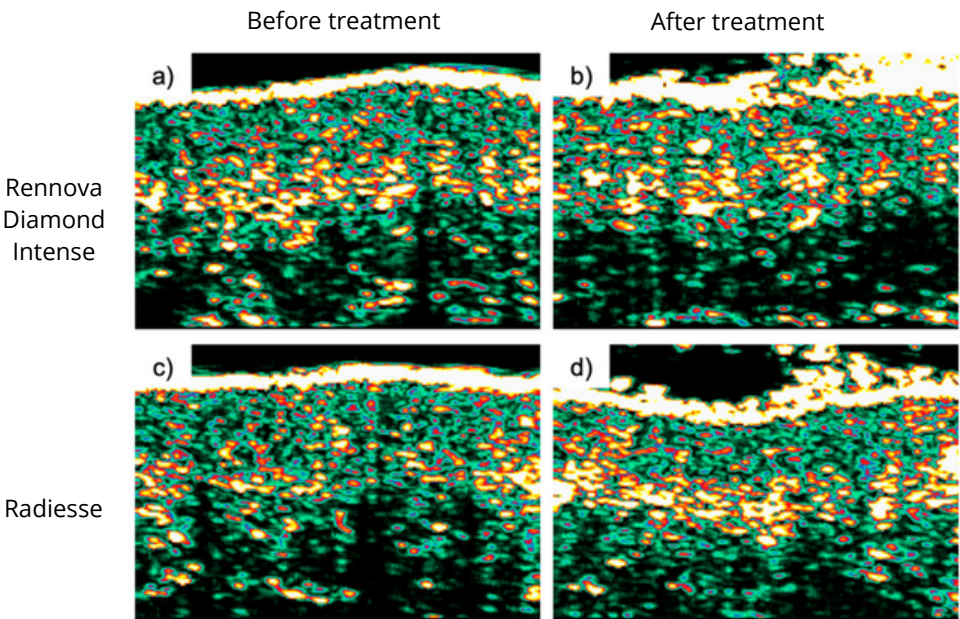
CASE STUDY



SOLUTION & METHOD

Thirty participants underwent a single treatment session. Rennova Diamond Intense was injected into the right side of the face, while Radiesse was injected into the left side. Treatment was targeted to the jaw, cheek, and in front of the ears.

Skin elasticity and collagen density was measured using the DermaLab Elasticity and Ultrasound Probes at day 1, 30, 60, 90, and 120.



Ultrasound images before treatment (a and c) and 120 days after treatment (b and d). The increasing white/yellow coloration reflects an increase in collagen deposition within the dermis.
Reference: Figure lent from Bravo et al.: "Calcium Hydroxylapatite-Based Fillers in Facial Rejuvenation: A Prospective, Single-Center, Unblinded Comparative Outcome Study of Radiesse® vs. Rennova® Diamond Intense", Journal of Clinical Medicine, Vol. 14(12) 4072 (2025), Figure 2.



RESULTS AND CONCLUSIONS

Skin **elasticity improved** by an average of **29%** on the **Rennova Diamond Intense** treated side and **27.4%** on the **Radiesse** treated side. **Collagen density increased** on both sides, demonstrating enhanced collagen stimulation by both injectables.

Results indicate that Rennova Diamond Intense and Radiesse produce comparable improvements in skin elasticity and collagen density.

MEASUREMENT AREA



Preauricular region



Case information

Study title: Calcium Hydroxylapatite-Based Fillers in Facial Rejuvenation: A Prospective, Single-Center, Unblinded Comparative Outcome Study of Radiesse® vs. Rennova® Diamond Intense

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Authors: Bravo et al.

Aim: To compare two calcium hydroxyapatite fillers, Rennova Diamond Intense and Radiesse.

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

