

Histological Analysis of Human Skin Indicates Quantitative Increase of Collagen and Elastin Fibers after Synchronized Radiofrequency with Facial Muscle Stimulation

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+30%

Increase in
Collagen

+103%

Increase in
Elastin

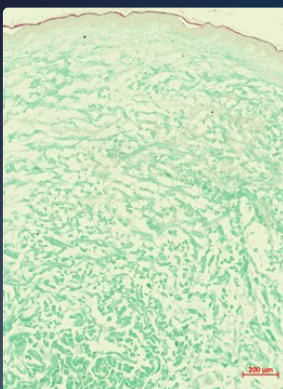
Methodology

- 7 patients allocated to Active (N=6) and Control (N=1) groups
- Active group: Four 20-minute RF+HIFES full face treatments (Control group - no treatments)
- Punch biopsies of skin tissue collected at baseline, 1-month and 3-month follow-ups
- Evaluation of digital photographs, satisfaction, comfort and safety

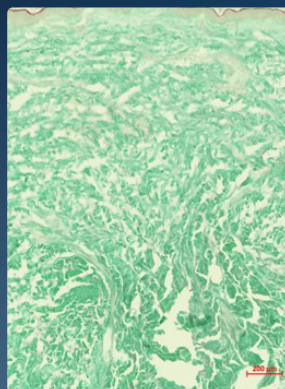
Results

- Increased levels of elastin and collagen at 1-month and 3-month follow-ups
- Visible improvement in facial appearance
- Patients reported high rates of satisfaction and comfort with the treatment
- No adverse events

Collagen - Trichrome Stain

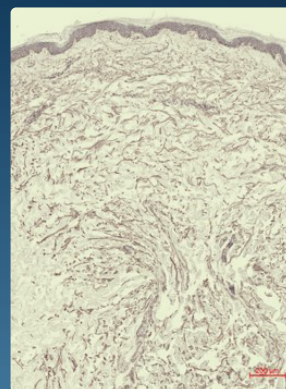


Baseline

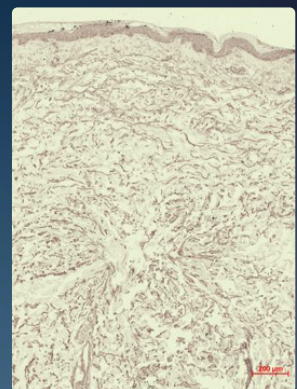


3-month FU

Elastin - Orcein Stain



Baseline



3-month FU