HUMAN HISTOLOGY: ENHANCED HYALURONIC ACID PRODUCTION

A NOVEL TECHNOLOGY TO BOOST NATURAL PRODUCTION OF HYALURONIC ACID IN THE SKIN TISSUE: HUMAN HISTOLOGY STUDY

David J. Goldberg, M.D., J.D.[1]

1. Skin Laser and Surgery Specialists, a Division of Schweiger Dermatology, Hackensack, NJ

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Highlights

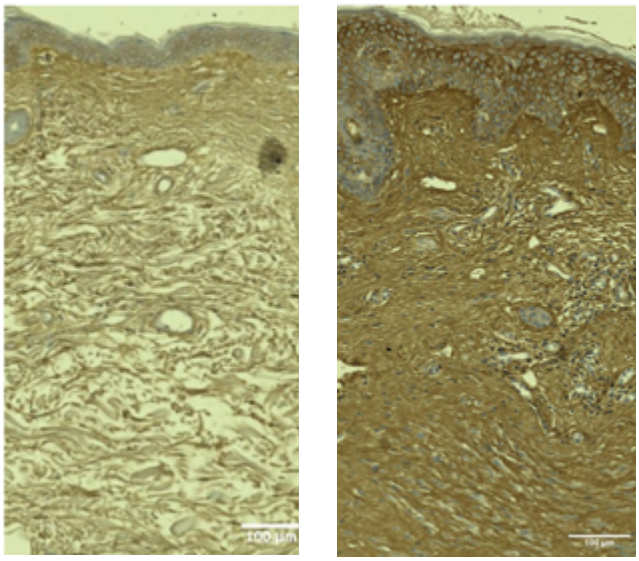
- 7 patients divided into 3 groups received four treatments one week apart
  - Three subjects **(RF alone)**
  - Three subjects **(RF+Targeted Ultrasound)**
  - One control subject
- Biopsy samples were taken for analysis of HA levels by semi-automatic segmentation

1.67x HIGHER HA DENSITY

In RF+TUS group

NO SIGNIFICANT CHANGE IN HA

In RF only group



Histology visualizes an increased amount of hyaluronic acid (shown as dark brown color) in the RF+TUS group, both at baseline (left) and at the 3-month follow-up (right)