

SYNCHRONIZED RF & HIFEM: HUMAN FAT HISTOLOGY & TEMPERATURE MEASUREMENT

DELETION OF ADIPOCYTES INDUCED BY A NOVEL DEVICE SIMULTANEOUSLY DELIVERING SYNCHRONIZED RADIOFREQUENCY AND HIFEM: HUMAN HISTOLOGICAL STUDY

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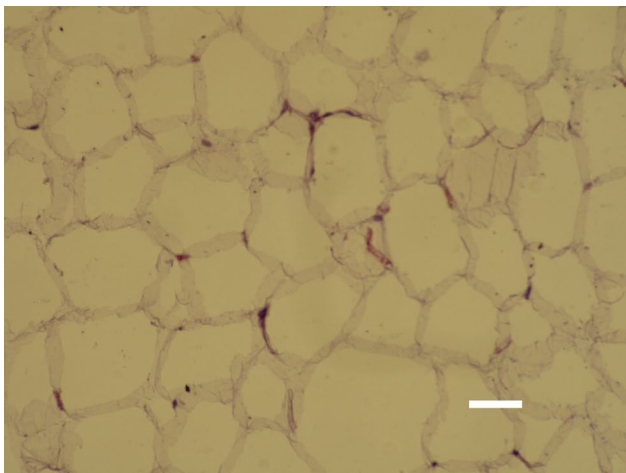
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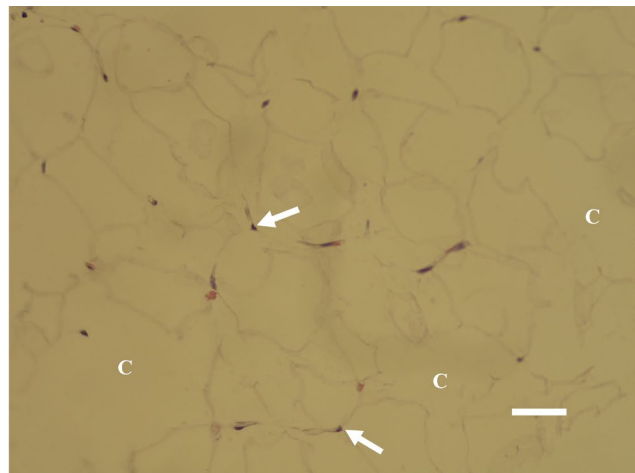
HIGHLIGHTS

- **Elimination** of adipocytes and **significant reduction in size** of fat cells resulted in **overall reduction** of fat tissue.
- **Effective temperature** needed for apoptotic processes was reached in **4 minutes**.
- Adipocyte size was reduced by **33.5%** ($P < 0.05$) at **1 week post-treatment**.
- Sham subject **did not show** any changes in fat tissue.

CONTROL



1 WEEK AFTER



Elimination of fat cells (C), noticeable shape alternations, and pyknotic nuclei (depicted by an arrow) found in the treated adipose tissue at 1 week (right, bar = 30 μm). No changes were found in control/sham subject (left, bar = 30 μm).