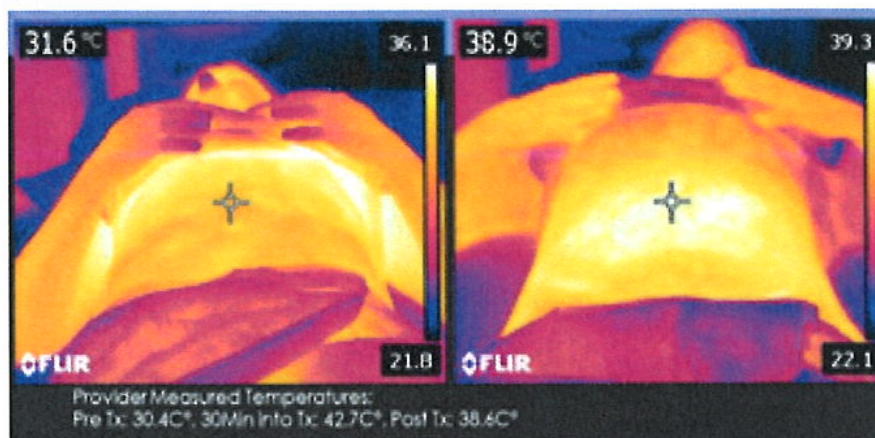


# HUMAN ADIPOCYTE APOPTOSIS IMMEDIATELY FOLLOWING HIGH FREQUENCY FOCUSED FIELD RADIO FREQUENCY: CASE STUDY

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David McDaniel MD and Paula Lozanova MD  
J Drugs Dermatol. 2015;14(6):622-623.

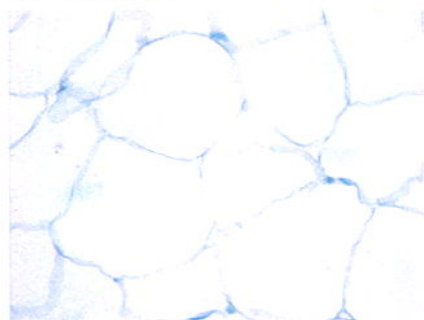
## HIGHLIGHTS

- Proof of concept through **a unique human histology study**.
- **Fat biopsies** taken at baseline and 60 minutes after one 45-min treatment.
- Histologic apoptotic index increased by **487%** (6.5 to 31.7).
- Thermal probes confirmed fat heating to **45°C** during the therapy.

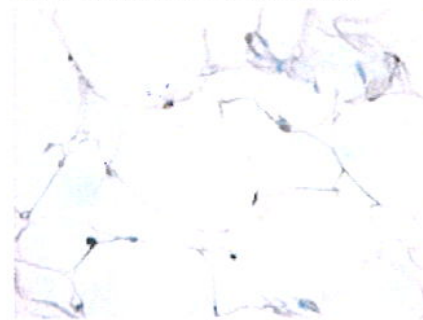


Skin surface temperatures pre and immediately post-treatment.

**a) Baseline**



**b) 1 hour after treatment**



TUNEL stained tissue sections. Brown stained nuclei indicate apoptotic cells.

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