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

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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.