

SYNCHRONIZED RF & HIFEM: MULTI-CENTER ABDOMINAL ULTRASOUND STUDY

RADIOFREQUENCY HEATING AND HIFEM DELIVERED SIMULTANEOUSLY - THE FIRST SHAM-CONTROLLED RANDOMIZED TRIAL

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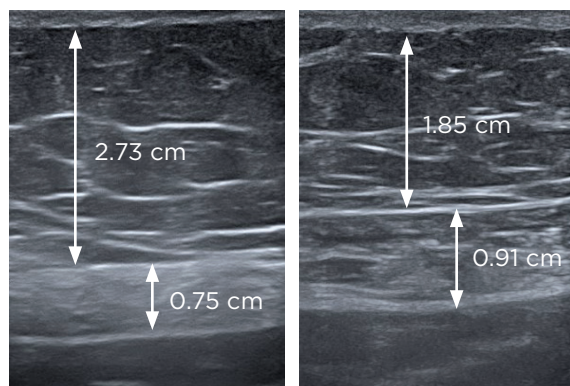
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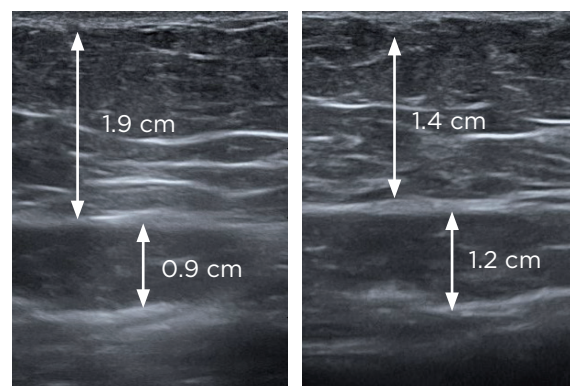
HIGHLIGHTS

- A total of 72 subjects allocated into two groups (Active: N=48, BMI of 25.8 kg/m²; Sham: N=24, BMI of 25.6 kg/m²).
- Active group showed **28.3% reduction in subcutaneous fat** at **3-month** follow-up visit.
- **Muscle thickness increased by 24.2% at 3-months** post-treatment in **active group**.
- At 3 months **38/40 patients** showed fat reduction **higher than 20%**.

A 64-YEAR OLD FEMALE



A 51-YEAR OLD FEMALE



Ultrasound images of patients in active group taken before (left) and 1 month after (right) the treatments.

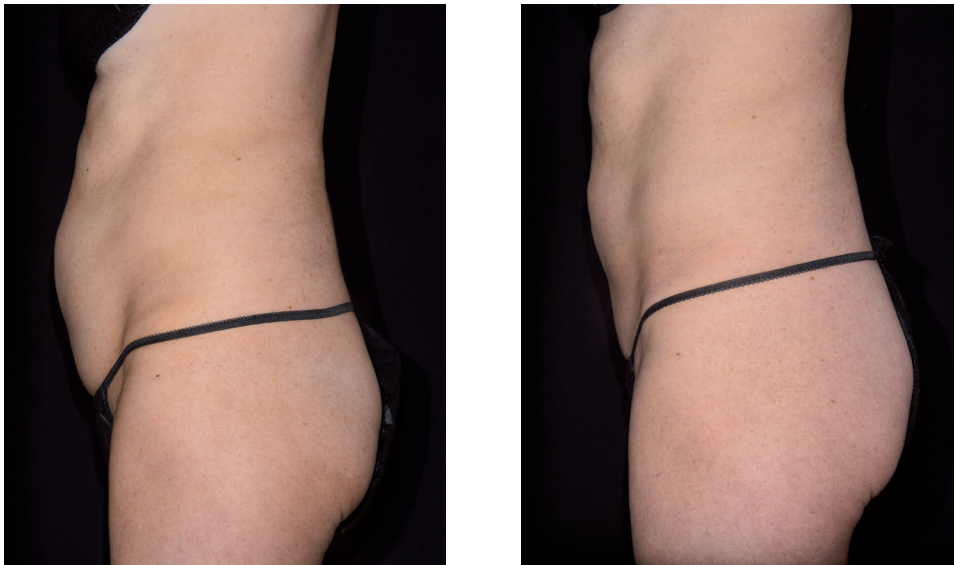


STUDY DESIGN

- Both groups received three 30-minute treatments on abdomen (active: maximum tolerable intensities, sham: intensities of 5%).
- Ultrasound images were taken at baseline, 1M and 3M after the last treatment.
- Evaluation included measurements of subcutaneous fat and muscle mass thickness.

CONCLUSION

- **Dual field technology** showed **high efficacy** for subcutaneous fat reduction and thickening of **rectus abdominis muscle**.
- **93.9%** of patients reported satisfaction with the results.
- **Sham treatments did not induce any significant changes.**
- **The procedure** combining HIFEM and RF energy **was safe** and did not cause any adverse events.



Digital photographs of a 55-year old female, taken before (left) and 3 months after (right) the treatments.

