

# MAGNETIC RESONANCE IMAGING (MRI) STUDY: SIMULTANEOUS FAT AND MUSCLE EFFECT

HIGH INTENSITY FOCUSED ELECTRO-MAGNETIC THERAPY (HIFEM®) EVALUATED BY MAGNETIC RESONANCE IMAGING (MRI): SAFETY AND EFFICACY STUDY OF A DUAL TISSUE EFFECT BASED NON-INVASIVE ABDOMINAL BODY SHAPING.

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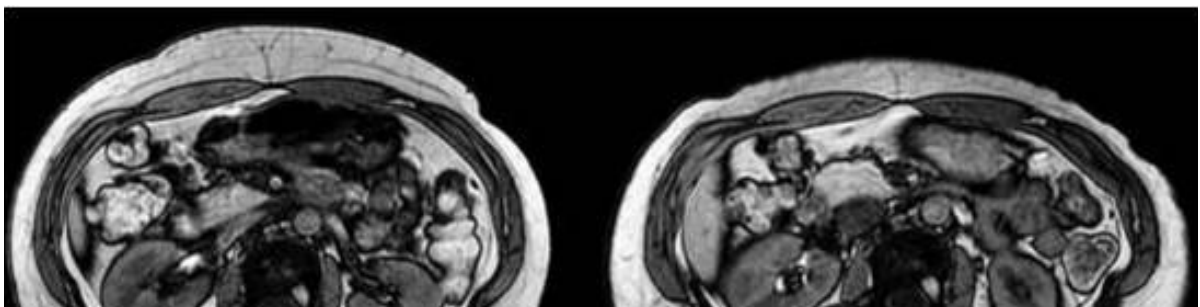
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Published in Lasers in Surgery and Medicine Journal (LSM), October 2018. DOI: 10.1002/lsm.23024

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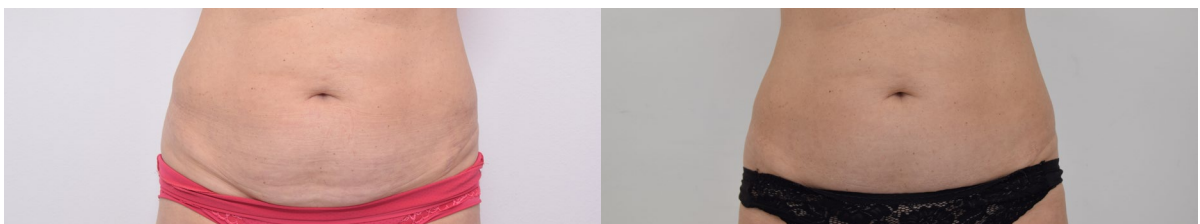
## HIGHLIGHTS

- **22 patients** were evaluated **2 months after four 30-min treatments**.
  - Abdominal **fat thickness was reduced on average by 18.6 %** or **4.3 mm**.
  - Abdominal **muscle mass increased on average by 15.4 %**, coupled with a **10.4 % average reduction in diastasis recti**.
  - Waist circumference decreased on average by **3.8 cm**.
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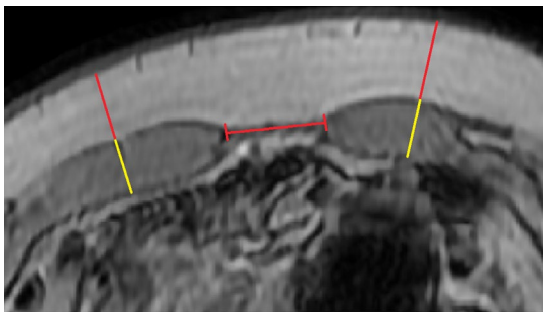
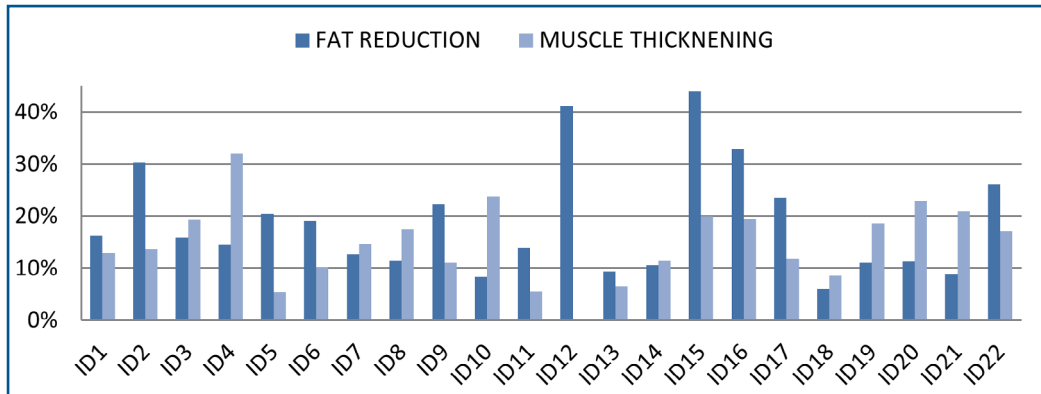
BASELINE

2 MONTH FU

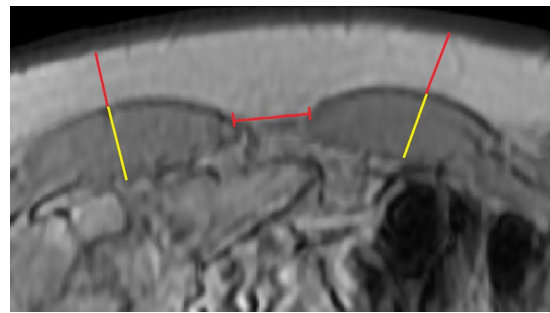


## RESULTS

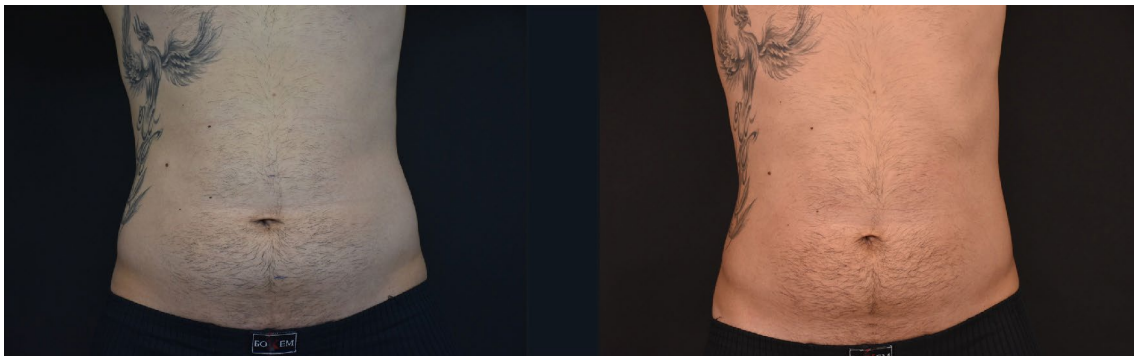
- No adverse event. Several patients reported mild muscle fatigue which resolved within 12-48 hours.
- Simultaneous reduction in subcutaneous fat and strengthening of abdominal muscles in treated patients evaluated by MRI.



BASELINE



2 MONTH FU



Magnetic resonance and digital images of Subject ID2 before (left) and 2 months post-treatments (right). Male (30), BMI 24.8 kg/m<sup>2</sup> (before) and 24.5 kg/m<sup>2</sup> (2 months), weight -2.2 lb (-1.2%), subcutaneous fat -30.3% (white markings), muscle thickness +13.7% (green markings), abdominal separation -24.9% (red markings), circumference -3 cm. Combination of the effects produced an overall visual improvement in patient's abdominal area.