**COMPUTED TOMOGRAPHY STUDY:**
**SIMULTANEOUS FAT AND MUSCLE EFFECT**

**COMPUTED TOMOGRAPHY (CT) BASED EVIDENCE OF SIMULTANEOUS CHANGES IN HUMAN ADIPOSE AND MUSCLE TISSUES FOLLOWING A HIGH INTENSITY FOCUSED ELECTRO-MAGNETIC FIELD (HIFEM*) APPLICATION: A NEW METHOD FOR NON-INVASIVE BODY SCULPTING.**

David E. Kent M.D.¹, Carolyn I. Jacob M.D.²

1. Dermatologic Surgery Specialists, Macon GA, USA; 2. Chicago Cosmetic Surgery and Dermatology, Chicago IL, USA

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**HIGHLIGHTS**

- 16 patients received 5-8 treatments to evaluate effects of an extended protocol. Subjects were evaluated 1 month post-treatments.

- Abdominal fat thickness was reduced on average by 19.2% or 3.4 mm.

- Simultaneously a 15.8% increase in abdominal muscle thickness was observed, coupled with a 10.8% reduction in diastatis recti.

- Waist circumference decreased on average by 1.2 inch (after 4th Tx) and 1.6 inch (after the last Tx).

- Data suggest 4 treatments as the ideal protocol.

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**BASELINE**

**1 MONTH FU**
RESULTS

UMBILICAL CIRCUMFERENCE

- The average circumference decreased by 3.04 cm and 4.17 cm after 4th and last (5th to 8th) treatment, respectively (p<0.003)

CT MEASUREMENTS

CT calculated thickness of rectus abdominis at baseline and 1 month post treatments.

Subcutaneous fat thickness at baseline and 1-month post treatments. Patient ID8 fat measurements could not be objectively made due to close-to-zero baseline fat thickness.

BASELINE

1 MONTH FU

CT scans of patient ID9 at baseline (left) and 1-month post treatments (right). The scan shows reduction of subcutaneous fat (-30.3%) and thickening of rectus abdominis muscle (+8.4%).