Shape Your Waist

Shaken Massager

PEMF Smart Fat-Burning Device

Do you want to have a nice body shape ?

Measure Your Waist

Waist Measurement Method:
1.Use a soft tape measure with 0.1cm precision.
2. Wear lightweight clothing, stand upright, look forward, and relax your abdomen.
3. Wrap the tape measure around the thinnest part of your waist (1-2cm above the navel) or directly around the navel.
4. Ensure the tape measure is snug against the skin, with enough room to fit two fingers comfortably.
5. Record the measurement to the nearest 0.1cm.

World Health Organization (WHO) Standards for Abdominal Obesity:

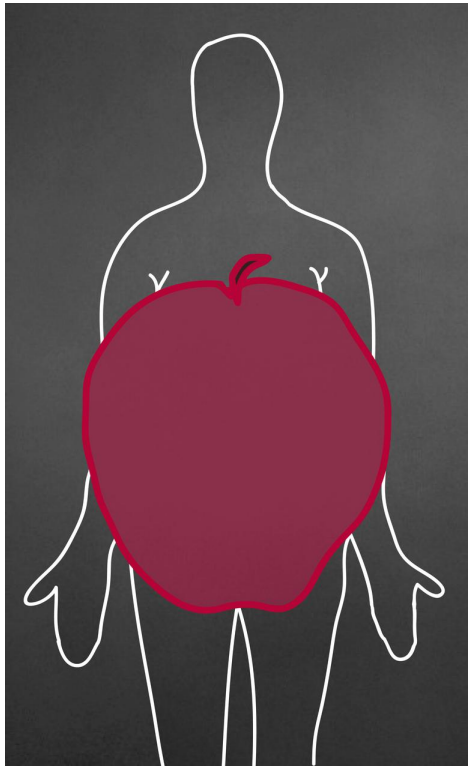
International Standard (applicable to Europe, Africa, and other regions):

Category	Male	Female
Normal	<94cm	<80cm
Abdominal Obesity	⩾94cm	⩾80cm
High Risk	⩾102cm	⩾88cm

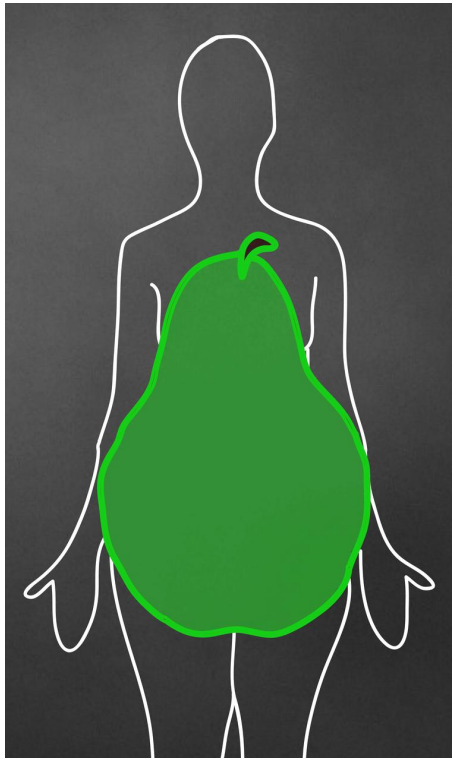
Asian Population Standard (applicable to East Asia, Southeast Asia)

Category	Male	Female
Normal	<90cm	<80cm
Abdominal Obesity	⩾90cm	⩾80cm
High Risk	⩾95cm	⩾90cm

Abdominal Obesity



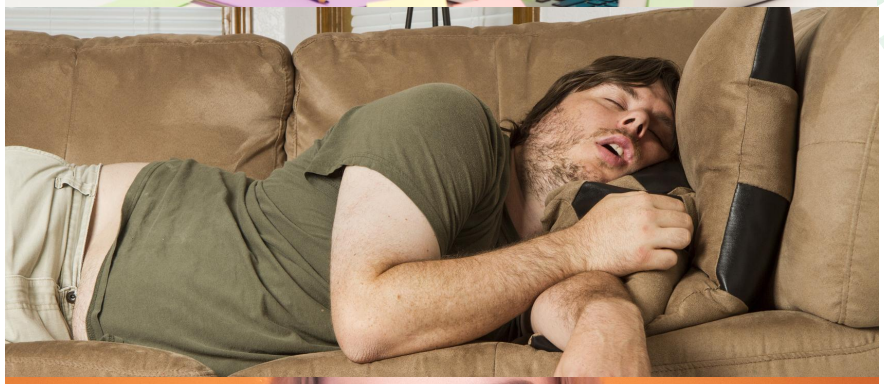
Peripheral Obesity



What are the health risks of abdominal obesity?

- High blood pressure
- High blood lipids
- Type 2 diabetes
- Non-alcoholic fatty liver disease
- Osteoarthritis

- Stroke
- Sleep apnea
- Coronary heart disease
- Heart failure
- Increased cancer risk



Common weight loss struggles today：

too busy, too lazy, cravings too strong, no results

To address
the uncertain
distribution of fat
through
established physical laws

Shaken Massager
PEMF Intelligent Fat Removal Device

Smart Technology Leaves Fat Nowhere to Hide

Shaken Massager
PEMF Smart Fat-Burning Device

Ultrasou

Fat Reduction

Vibration

Body Shaping

7.PEMF

Benefit belly internal organs

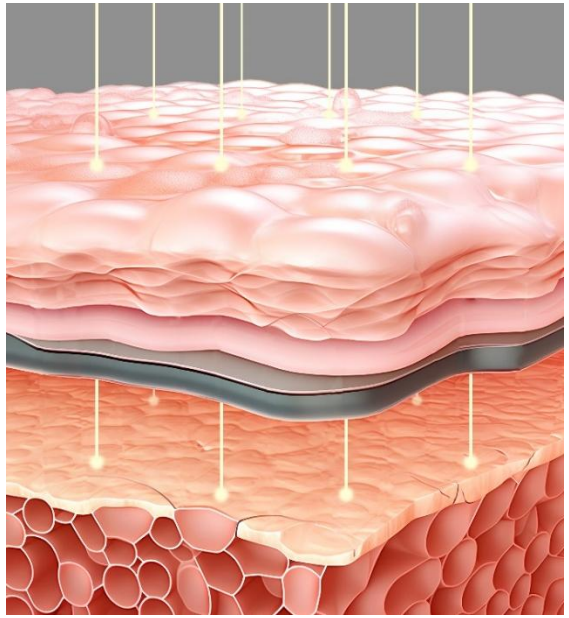
Red Light

Heat Therapy

Massage

RF (RadioFrequency)

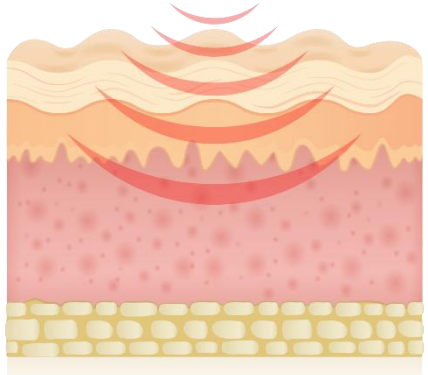
Fat Reduction: Intelligent Sonic Technology to Target Stubborn Fat



Ultrasonic

Utilizing CellBreak™ Cell Disruption Technology, it precisely targets the subcutaneous lipid layer (10-20mm deep), employs high frequency resonance (**1MHz**) to precisely induce resonant dissociation of adipocyte membranes, and catalyzes the breakdown of lipids into

Vibration



High-frequency (TBD) vibrations stimulate the contraction of waist and abdominal muscles, compressing fat cells.

Heat Therapy

Thermal penetration awakens abdominal tissues and cells, promotes blood circulation, and accelerates fat metabolism.

Focused ultrasound destroys deep-layer fat cells.

Cavitation Effect

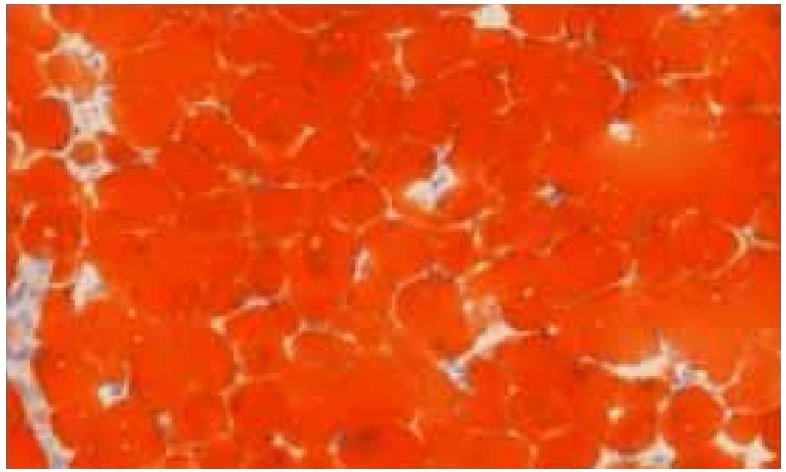
The pressure changes created by the ultrasound waves form tiny bubbles in the water. These bubbles repeatedly expand and contract with the sound wave vibrations. When the sound wave energy reaches a certain intensity, the bubbles collapse violently, releasing powerful shockwaves and microjets. This directly tears the fat cell membranes, causing triglycerides to leak into the intercellular space.

Mechanical Shearing Action

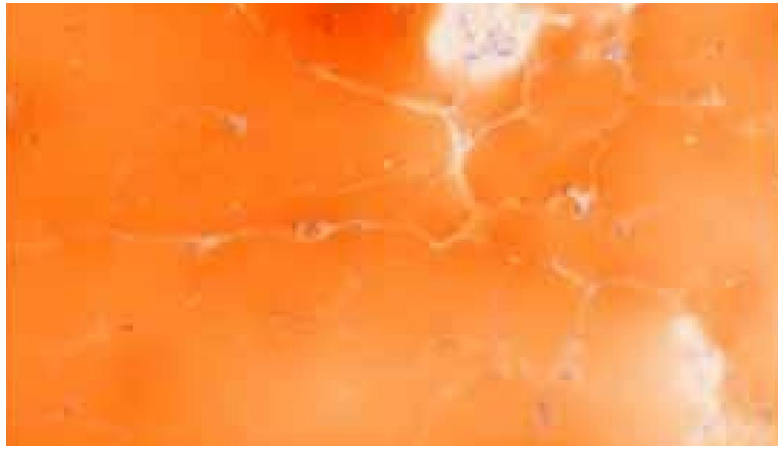
The high-frequency vibrations of ultrasound generate continuous mechanical shear forces on the fat tissue. These forces act directly on the fat cell membranes. Under repeated mechanical stretching, the membranes experience increased permeability and structural damage, ultimately leading to their rupture.

Focused ultrasound destroys deep-layer fat cells

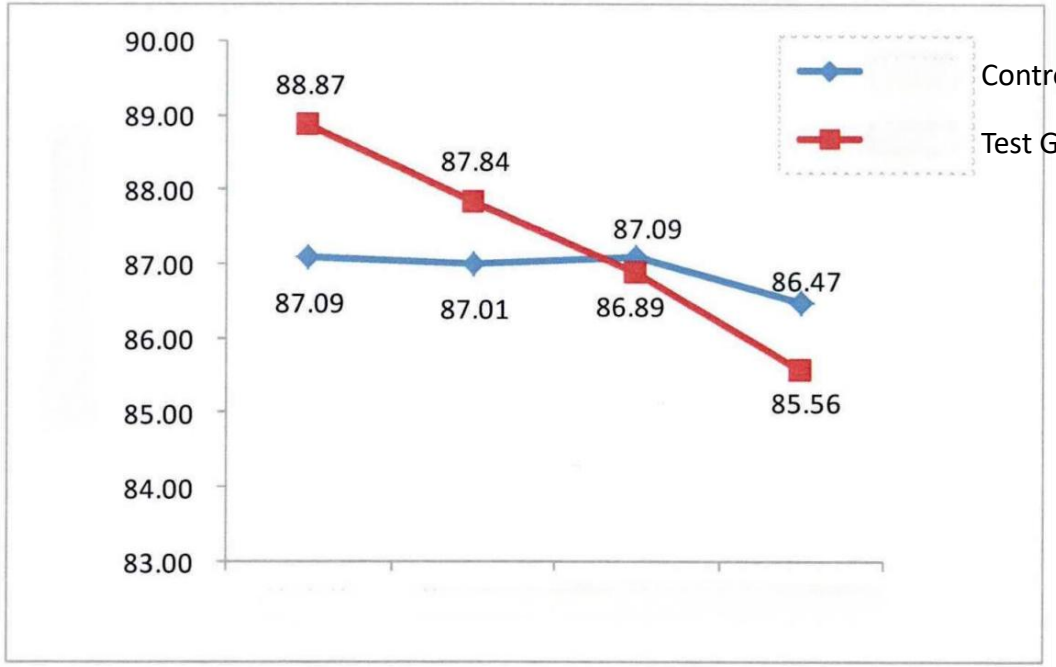
Before



After



Subject's Waist Circumference



——From "A Study on the Efficacy and Safety of Focused Ultrasound for Fat Reduction and Body Contouring," Peking Union Medical College Hospital

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Original Article

Leptin level decreases after treatment with the combination of Radiofrequency and Ultrasound cavitation in response to the reduction in adiposity

Mahla Arabpour-Dahoue [a, b, 1], Elham Mohammadzadeh [f, 1], Amir Avan [f], Pouya Nezafati [c], Samira Nasrfard [b], Hamideh Ghazizadeh [f], Mehrane Mehramiz [b], Mohammad Safarian [a], Mohsen Nematy [a], Lida Jarahi [d], Gordon A. Ferns [e], Abdolreza Norouzy [a, *], Majid Ghayour-Mobarhan [f, **]

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ARTICLE INFO

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Keywords:
Leptin
Obesity (overweight)
Radiofrequency

ABSTRACT

Background: Obesity and overweight are major public health problem. Different-strategies have been developed for body contouring including Radiofrequency(RF) and Ultrasound(US). The aim of this study was to investigate changes in serum-leptin as a potential-modulator of food/energy intake, in overweight-women receiving RF/US and diet-therapy as well as the effect of therapy on modulation of lipid-profile and body-fat-mass.

Methods: Fifty overweight-females were enrolled in current randomized-clinical-trial and randomly divided into two groups. The case group received RF/US twice a week for 5 weeks with a low calorie diet whilst the control-group received just a low calorie diet. Demographic, biochemical markers as well as leptin were determined.

Results: The level of leptin was reduced from 1.29 ± 0.32 ng/ml to 1.14 ± 0.34 ng/ml in case group, before and after therapy, respectively, whilst no significant differences were observed in the serum leptin levels of subjects in the control group. The combination of RF and US decreased the leptin-level. In particular, therapy. This reduction was inversely correlated with LDL levels. Weight was reduced in case and control

Conclusion: Our findings demonstrated the reduction of the leptin after treatment with the combination

Mod Care J. 2019 July;16(3):e90769.

Published online 2019 June 16.

Treatment by Combination of Non-Inv
Ultrasound Cavitation Ameliorates the

Mina Safari Bidokhti[1], Zahra Khorasanchi[1], Elham Moh
Naseri[3], Hamideh Ghazizadeh[2], Maryam Shahi[2], Mehra
Afshari[1], Hamideh Safarian[2], Amir Avan[2] and Majid Gh

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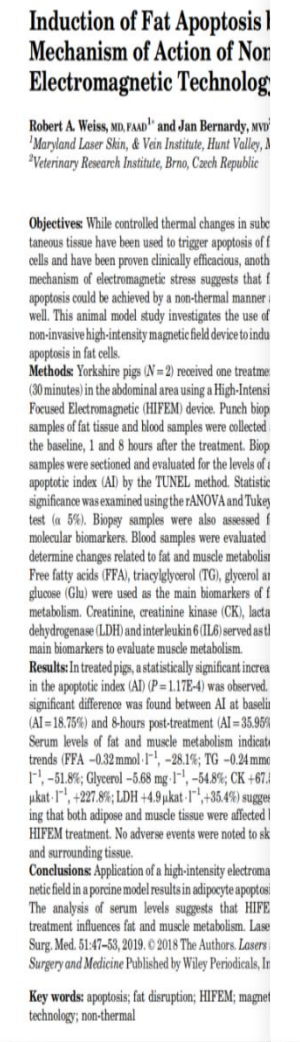
*Corresponding author: Metabolic Syndrome Research Center, School of Medicine, Mashhad Un

Received 2019 February 17; Revised 2019 May 11; Accepted 2019 June 03.

Abstract

Background: Different non-invasive body contouring techniques are
diofrequency (RF), and ultrasound cavitation (USC).
Objectives: The aim of the present study was to evaluate the effects of
Methods: One hundred twenty-nine obese and overweight participants
flanks (group 1), abdomen and hips (group 2), abdomen and thighs (gr
(group 4). The participants received RF/USC twice a week for five weeks
Results: In the results, except for hips circumferences we observed a si
ences after treatment with combined RF and USC therapy. Although,
four groups for fat mass and body weight before and after treatment.
Conclusions: Our findings demonstrated that combined use of RF and
reduce abdomen, waist, and thigh circumferences as well as improve b

Keywords: Radiofrequency, Ultrasound Cavitation, Obesity/Overweight



Induction of Fat Apoptosis
Mechanism of Action of Nor
Electromagnetic Technolog

Robert A. Weiss, MD, FAAD[1,*] and Jan Bernardy, MVD
[1]Maryland Laser Skin, & Vein Institute, Hunt Valley, M
[2]Veterinary Research Institute, Brno, Czech Republic

Objectives: While controlled thermal changes in subc
taneous tissue have been used to trigger apoptosis of f
cells and have been proven clinically efficacious, anoth
mechanism of electromagnetic stress suggests that f
apoptosis could be achieved by a non-thermal manner
well. This animal model study investigates the use of
non-invasive high-intensity magnetic field device to indu
apoptosis in fat cells.
Methods: Yorkshire pigs (N = 2) received one treatme
(30 minutes) in the abdominal area using a High-Intensi
Focused Electromagnetic (HIFEM) device. Punch biop
samples of fat tissue and blood samples were collected
the baseline, 1 and 8 hours after the treatment. Biop
samples were sectioned and evaluated for the levels of
apoptotic index (AI) by the TUNEL method. Statistic
significance was examined using the rANOVA and Tukey
test (α 5%). Biopsy samples were also assessed f
molecular biomarkers. Blood samples were evaluated
determine changes related to fat and muscle metabolis
Free fatty acids (FFA), triacylglycerol (TG), glycerol a
glucose (Glu) were used as the main biomarkers of f
metabolism. Creatinine, creatinine kinase (CK), lacta
dehydrogenase (LDH) and interleukin 6 (IL6) served as t
main biomarkers to evaluate muscle metabolism.
Results: In treated pigs, a statistically significant increa
in the apoptotic index (AI) (P = 1.17E-4) was observed.
significant difference was found between AI at baseli
(AI = 18.75%) and 8-hours post-treatment (AI = 35.95%
Serum levels of fat and muscle metabolism indicat
trends (FFA −0.32 mmol·l^{-1}, −28.1%; TG −0.24 mmo
l^{-1}, −51.8%; Glycerol −5.68 mg·l^{-1}, −54.8%; CK +67.
μkat·l^{-1}, +227.8%; LDH +4.9 μkat·l^{-1}, +35.4%) sugge
ing that both adipose and muscle tissue were affected
HIFEM treatment. No adverse events were noted to sk
and surrounding tissue.
Conclusions: Application of a high-intensity electroma
netic field in a porcine model results in adipocyte apoptos
The analysis of serum levels suggests that HIFE
treatment influences fat and muscle metabolism. Lase
Surg. Med. 51:47–53, 2019. © 2018 The Authors. Lasers
Surgery and Medicine Published by Wiley Periodicals, In

Key words: apoptosis; fat disruption; HIFEM; magnet
technology; non-thermal

Original Article

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pISSN 2287-8300 · eISSN 2288-0224

Impact of Contactless Apoptosis-Inducing
Human Skin Surface and Subcutaneous La
Histology: A Pilot Study

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Dae Suk Kim[2]

[1]Naeum Dermatology and Aesthetic Clinic, Seoul, Korea
[2]Kangskin Sillim Dermatology Clinic, Seoul, Korea

Received June 15, 2016
Accepted June 17, 2016

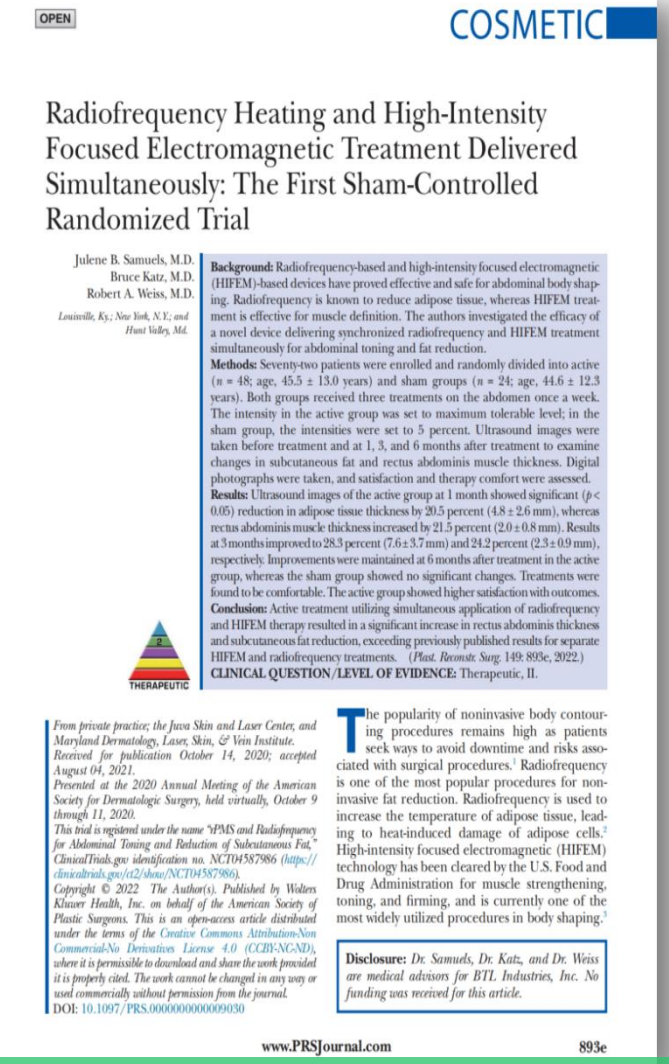
Background and Objectives
Radiofrequency (RF) technolog
method to reduce subcutaneous
to measure the changes of hum
subcutaneous fat layer tempera
change in porcine adipocytes du
apoptosis-inducing RF device.

Materials and Methods
A single pig was treated with RF
of 200 Watts. The skin was biop
therapy. A female human volunt
minutes. The temperatures of th
were measured during the therap

Results
Skin biopsy specimens from th
shape and size. Many of the adip
consensed chromatin and fr
adipocyte apoptosis. In the hu
maintained a temperature
temperature did not reach 43°C

Conclusion
The contactless selective RF d
fat reduction in subcutaneous
maintaining skin surface tempe
pain for humans. Apoptosis of su
porcine skin. Further clinical tri
and safety.

Key words
Radiofrequency; Subcutaneous



OPEN

COSMETIC

Radiofrequency Heating and High-Intensity Focused Electromagnetic Treatment Delivered Simultaneously: The First Sham-Controlled Randomized Trial

Julene B. Samuels, M.D.
Bruce Katz, M.D.
Robert A. Weiss, M.D.

Louisville, Ky.; New York, N.Y.; and Hunt Valley, Md.

Background: Radiofrequency-based and high-intensity focused electromagnetic (HIFEM)-based devices have proved effective and safe for abdominal body shaping. Radiofrequency is known to reduce adipose tissue, whereas HIFEM treatment is effective for muscle definition. The authors investigated the efficacy of a novel device delivering synchronized radiofrequency and HIFEM treatment simultaneously for abdominal toning and fat reduction.
Methods: Seventy-two patients were enrolled and randomly divided into active (n = 48; age, 45.5 ± 13.0 years) and sham groups (n = 24; age, 44.6 ± 12.3 years). Both groups received three treatments on the abdomen once a week. The intensity in the active group was set to maximum tolerable level; in the sham group, the intensities were set to 5 percent. Ultrasound images were taken before treatment and at 1, 3, and 6 months after treatment to examine changes in subcutaneous fat and rectus abdominis muscle thickness. Digital photographs were taken, and satisfaction and therapy comfort were assessed.
Results: Ultrasound images of the active group at 1 month showed significant (p < 0.05) reduction in adipose tissue thickness by 20.5 percent (4.8 ± 2.6 mm), whereas rectus abdominis muscle thickness increased by 21.5 percent (2.0 ± 0.8 mm). Results at 3 months improved to 28.3 percent (7.6 ± 3.7 mm) and 24.2 percent (2.3 ± 0.9 mm), respectively. Improvements were maintained at 6 months after treatment in the active group, whereas the sham group showed no significant changes. Treatments were found to be comfortable. The active group showed higher satisfaction with outcomes.
Conclusion: Active treatment utilizing simultaneous application of radiofrequency and HIFEM therapy resulted in a significant increase in rectus abdominis thickness and subcutaneous fat reduction, exceeding previously published results for separate HIFEM and radiofrequency treatments. (*Plast. Reconstr. Surg.* 149: 893e, 2022.)
CLINICAL QUESTION/LEVEL OF EVIDENCE: Therapeutic, II.

THERAPEUTIC

From private practice; the Juva Skin and Laser Center, and Maryland Dermatology, Laser, Skin, & Vein Institute.
Received for publication October 14, 2020; accepted August 04, 2021.
Presented at the 2020 Annual Meeting of the American Society for Dermatologic Surgery, held virtually, October 9 through 11, 2020.
This trial is registered under the name "PMS and Radiofrequency for Abdominal Toning and Reduction of Subcutaneous Fat," ClinicalTrials.gov identification no. NCT04587986 (https://clinicaltrials.gov/ct2/show/NCT04587986).

DOI: 10.1097/PRS.0000000000009030

The popularity of noninvasive body contouring procedures remains high as patients seek ways to avoid downtime and risks associated with surgical procedures.[1] Radiofrequency is one of the most popular procedures for noninvasive fat reduction. Radiofrequency is used to increase the temperature of adipose tissue, leading to heat-induced damage of adipose cells.[2] High-intensity focused electromagnetic (HIFEM) technology has been cleared by the U.S. Food and Drug Administration for muscle strengthening, toning, and firming, and is currently one of the most widely utilized procedures in body shaping.[3]

Disclosure: *Dr. Samuels, Dr. Katz, and Dr. Weiss are medical advisors for BTL Industries, Inc. No funding was received for this article.*

References

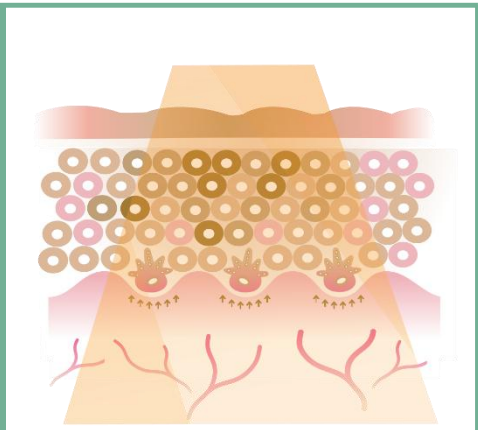
《Leptin level decreases after treatment with the combination of Radiofrequency and Ultrasound cavitation in response to the reduction in adiposity》
《Treatment by Combination of Non-Invasive Radio-Frequency and Ultrasound Cavitation Ameliorates the Condition of Obesity》
《Impact of Contactless Apoptosis-Inducing RF on Temperature of Human Skin Surface and Subcutaneous Layer as well as Porcine Histology: A Pilot Study》
《Radiofrequency Heating and High-Intensity Focused Electromagnetic Treatment Delivered Simultaneously: The First Sham-Controlled Randomized Trial》
《Induction of Fat Apoptosis by a Non-Thermal Device:Mechanism of Action of Non-Invasive High-Intensity Electromagnetic Technology in a Porcine Model》

Body Shaping: Build Waist and Abdominal Muscles, Say Goodbye to Sagging Fat

Massage

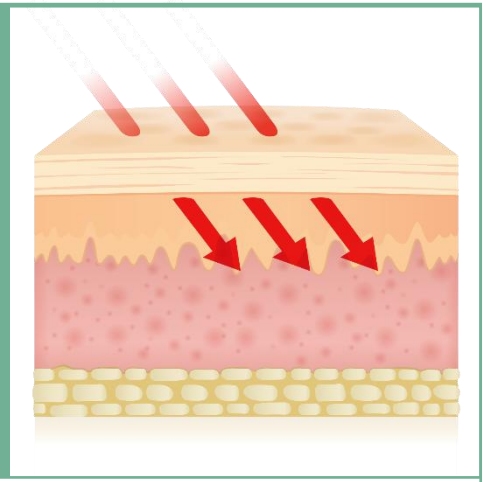
Multiple airbags apply and release pressure, simulating kneading and massage motions by human hands, making waist and abdominal muscles firmer and contours smoother.

RF (Radio Frequency)



High-frequency electromagnetic waves penetrate 3-5mm beneath the skin, generating heat to stimulate collagen regeneration and enhance muscle elasticity in the waist and abdomen.

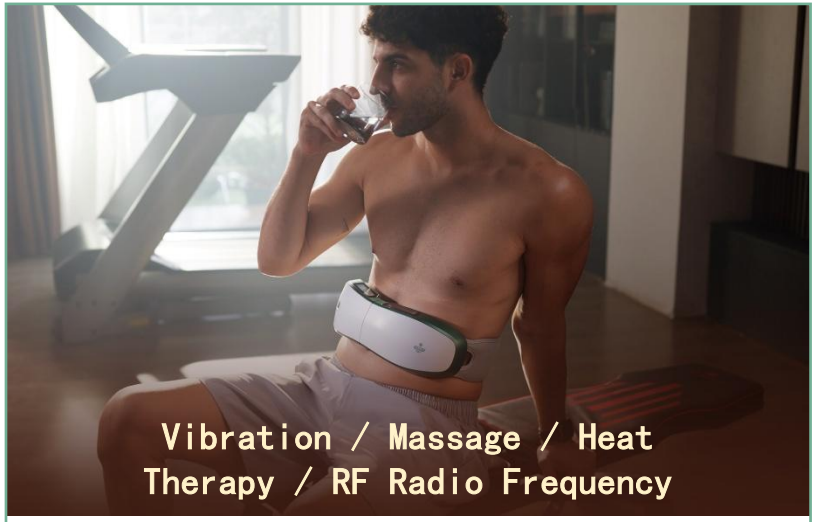
Red Light



Red light penetrates the epidermis, accelerates waste metabolism, reduces pigmentation and wrinkles, and helps improve stretch marks and surgical scars.

Strengthen Your Core: Technology That Goes Beyond Fat Burning to Provide a “SPA” for Your Organs

7.8Hz ultra-low-frequency PEMF cross-medium penetration technology delivers energy intervention up to 20cm deep into biological tissue. By regulating cell membrane potential and mitochondrial metabolic pathways, it significantly downregulates the expression of pro-inflammatory factors.It targets and alleviates various types of inflammation, such as enteritis, nephritis, prostatitis, gynecological inflammation, lumbar muscle strain, and lumbar disc herniation.



Deep Activation of Microcirculation and Cellular Vitality: Efficiently clears metabolic waste and simultaneously alleviates inflammatory responses.

Intelligent Enhancement of Intestinal Rhythmic Movement: Optimizes nutrient conversion efficiency that helps restore a natural and comfortable state, and improves various intestinal issues.

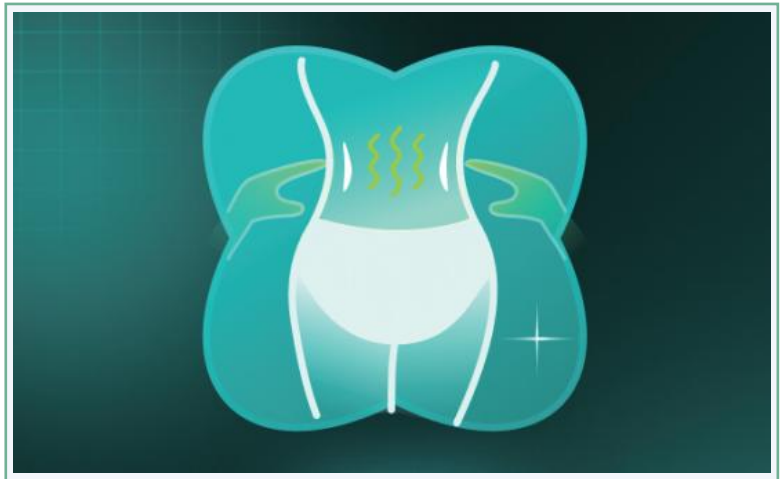
One-Button Switch for Three Energy Fields: Unlock the Ultimate Solution for Core Health

Body Shaping Mode

7-in-1 Targeted Fat Burning

(PEMF, Heat Therapy, Ultrasound, Massage, Vibration, RF Radio Frequency, Red Light)

Function: Fat burning and body shaping, fitness support



Massage Mode

5D Deep Repair

(PEMF, Massage, Vibration, Heat Therapy, RF Radio Frequency)

Function: Strengthens the core and provides organ care

Heat Therapy Mode

2-Effect Gentle Care

(PEMF, Heat Therapy)

Function: Keeps the waist warm while supporting menstrual care

Two buttons for all operations

Shaken Massager Shaken Massager has simple function buttons, with a minimalist design of intuitive buttons, making it easy to switch modes and intensity.

① Long press the [⏻] key for 2 seconds to turn on the machine; when powered on, long press the [⏻] key for 2 seconds to turn off the machine.

② Short press the [⏻] key to switch usage levels.

③ Short press the [M] key to adjust modes (body shaping - massage - heat compress), with the three modes cycling in sequence; the product has a memory function and will default to the last mode before shutdown when powered on.

④ Long press the [M] key for 5 seconds to enter language switching, where the mode screen displays 8 languages for selection; short press the [M] key to choose a language, and short press the [⏻] key to confirm.

Wrist smart control, remote operation

Shaken Massager

Oly-Watch

Shaken Massager has simple function buttons and can be controlled via smartwatch touch, easily switching modes and intensity.

Built-in Bluetooth: quickly connect via Bluetooth and operate the device in real-time through the watch interface.

AI smart service, making every experience customized.

Under the AI smart algorithm, it automatically adjusts the working intensity and duration of technologies such as ultrasound, vibration, heat compress, and RF radio frequency.
It forms a total 20-minute operating plan intelligently combined from multiple sub-functions.

1、Correctly wear it on the wrist.
2、Connect to Shaken Massager.

Enter AI mode. Collect user body data: heart rate, blood oxygen, sleep quality

Using an exclusive AI algorithm, it intelligently generates a personalized working program that best fits the user's current body state

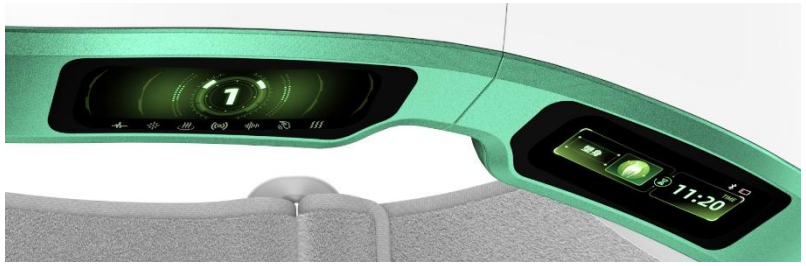
Experience the personalized fat-shaking service provided by the product, making it easy, efficient, and worry-free.

A thousand people, a thousand bodies—AI tailors it for you.

Wear Freely, Burn Fat with Elegance

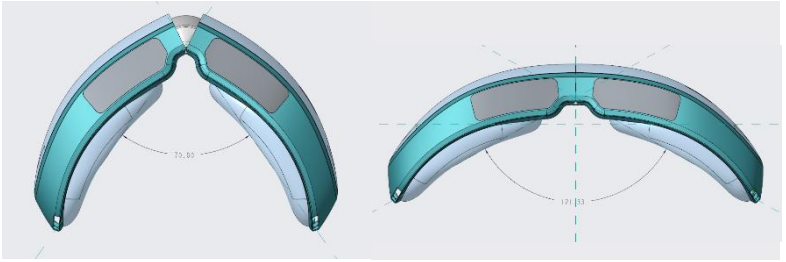
Dual-Screen Control at Your Fingertips

Real-time display of operational status: the left screen shows gear and intensity, while the right screen displays mode and countdown timer.



Seamless Fit to Your Waistline

Featuring a joint with **70°-120°** degrees of freedom for adjustment, it accommodates waistlines from 60 to 150 cm and is suitable for individuals weighing from 40 to 130 kg, ensuring it does not slip when bending or turning.



Technology That Balances Strength and Comfort

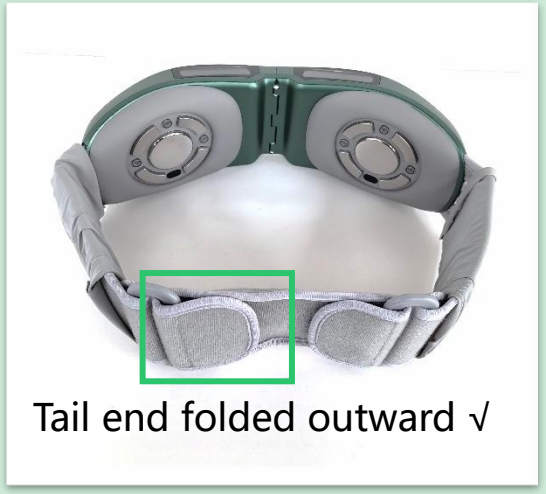
Constructed from soft silicone material and precision cast 304 stainless steel powder, it exhibits stable properties, good thermal conductivity, wear and corrosion resistance, is hypoallergenic, and can be easily cleaned with an alcohol wipe.

Unboxing complete contents

The belts on both sides of the equipment cannot be disassembled
Wearing sleeve covers makes cleaning convenient

Waist Extension Strap

Correct installation of the adhesive Strap



Tail end folded outward √

Incorrect installation of the adhesive Strap

Tail end folded inward ×

Suitable for

Sedentary individuals (to relieve lower back muscle strain)

Fitness and body-shaping enthusiasts

Individuals with abdominal obesity

Postpartum women (to improve the appearance of stretch marks)

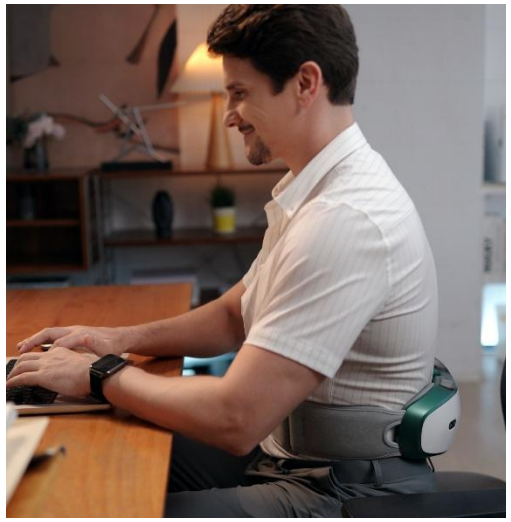
Individuals with intestinal disorders

Those experiencing dysmenorrhea, irregular menstruation, or gynecological inflammation

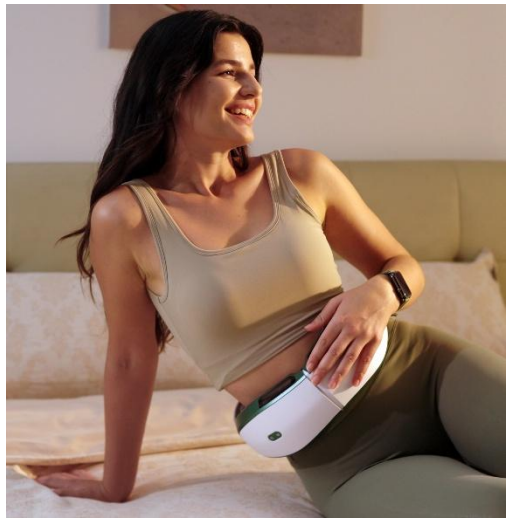
Individuals with prostatitis, urinary urgency, or incomplete urination

Those with nephritis, cystitis, or similar conditions

Tech-Powered Fat-Burning, Easy and Comfortable



For professional use



For recreational use

For athletic activities

For business trips


Shaken Massager
PEMF Smart Fat-Burning Device
Shake off fat and shine with confidence every day!