



The science of heat.
The beauty of control.

THERMIRF[®]

Temperature Controlled Radiofrequency



One Device
Multiple Applications

THERMItight[®]

Thermistor-controlled subdermal heating

THERMIrase[®]

Percutaneous neuromodulation

THERMIdry[®]

Ablation of axillary sweat glands

THERMIsmooth[®]

Non-invasive dermal heating

THERMIva[®]

Non-surgical vulvovaginal rejuvenation

THERMiRF® The FIRST InjectableRF®

Temperature Controlled Radiofrequency

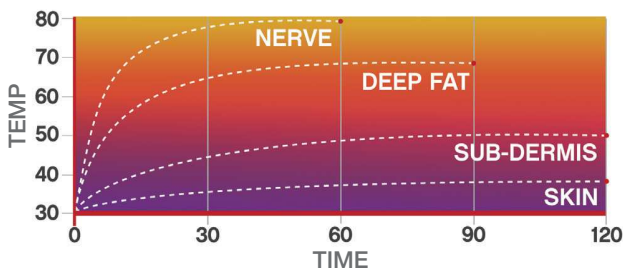
ThermiRF® is a unique thermistor-regulated radio-frequency technology designed to safely produce excellent aesthetic outcomes through the application of the science of heat. This is a platform technology, which combines precision temperature control with advanced real-time temperature monitoring to enable a myriad of soft tissue applications.

Science of Heat

Multi-procedure platform using temperature as a clinical endpoint:

- Smooth skin @ 42C
- Shrink fibrous septae @ 55-65C
- Melt fat @ 70C
- Disable nerves @ 85C

Energy emission is user-controlled and application specific to regulate maximum temperature during a treatment.



ThermiRF Platform bundle includes:

- Temperature controlled RF Generator
- Workstation cart
- ThermiView infrared camera with monitor
- Peripheral nerve stimulator
- Starter supplies (assorted InjectableRF electrodes)
- Non-invasive hand piece

GEM

Good Medicine

- Uses temperature as a clinical endpoint
- Dual temp monitoring (inside/outside)
- Safe and predictable results

Easy to Perform

- Micro-invasive (18/22ga probes)
- Tumescant or local anesthesia
- Less than one hour

Makes Money

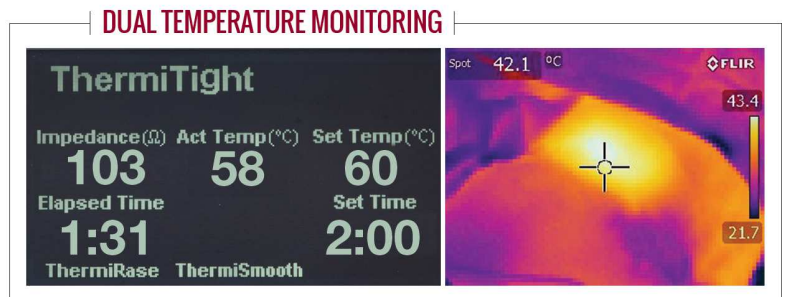
- High revenue per hour



THERMiTight®

Thermistor-controlled Subdermal Heating

ThermiTight® is the name of a peer-reviewed protocol described as “thermistor-controlled subdermal skin tightening.” The ThermiRF® system is used along with a tiny thermistor probe, which is inserted under the skin using local anesthesia, to heat subdermal tissues to a user-selected specific temperature. During the ThermiTight procedure, internal temperatures are monitored and regulated by the system computer. In addition, advanced thermal image guidance provides the physician with real time external skin temperature monitoring to ensure precision of the heating effect while maintaining safety.^{1,2}

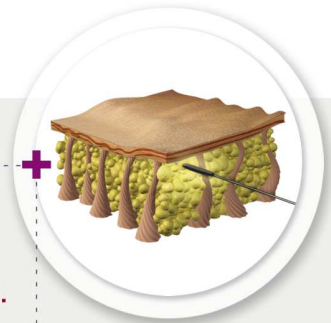


Simultaneous monitoring of internal and external temperatures



HOW IT WORKS •

Thermistor-controlled, targeted focal heating.



LEONARD MILLER, MD – THERMITIGHT ON LEFT SIDE ONLY: 20CC OF FAT REMOVED

RESULTS



BRIAN KINNEY, MD – 55C, 6 MONTHS



KAREN HARKAWAY, MD – 38C, 4 MONTHS



DOUGLAS KEY, MD – 65C, 4 MONTHS



KAREN HARKAWAY, MD – 37C, 4 MONTHS

73 patients were asked:
“Would you recommend this procedure?”
{ Douglas Key, MD }



¹Comprehensive Thermoregulation for the Purpose of Skin Tightening Using a Novel Radio Frequency Treatment Device: A Preliminary Report, Douglas Key, MD, Journal of Drugs in Dermatology, February 2014.

²Integration of Thermal Imaging with Subsurface Radiofrequency Thermistor Heating for the Purpose of Skin Tightening and Contour Improvement: A Retrospective Review of Clinical Efficacy. Douglas Key, MD, Journal of Drugs in Dermatology, December 2014.

ThermiRase®

Percutaneous Neuromodulation

ThermiRase® is a micro-invasive procedure based on a peer-reviewed protocol to disable the nerves which control the muscles responsible for glabella frown lines. This procedure applies radiofrequency energy to selected motor nerves. In a recent study, the effect lasted more than one year in almost 80% of the subjects, thus validating the opportunity for a long-term alternative to neurotoxins.³

HOW IT WORKS •

With ThermiRase, a series of thermal lesions are created along the nerve pathways which control the muscles that cause frown lines. The effect is immediate.

Simple 3-step protocol:

- Stimulate the nerve
- Inject local anesthesia
- Treat with ThermiRF

RESULTS



BRIAN KINNEY, MD – 1 DAY



JEFFREY CARUTH, MD – 12 WEEKS

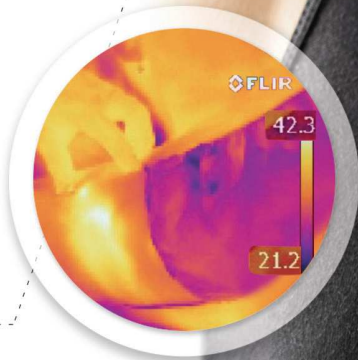
ThermiDry®

Ablation of Axillary Sweat Glands

ThermiDry® is a minimally-invasive treatment which targets axillary sweat producing glands in the axilla.

HOW IT WORKS •

With this technique, similar to ThermiTight, sweat glands are disabled via controlled heating under local anesthesia.



³Percutaneous Selective Radiofrequency Nerve Ablation of Glabellar Frown Lines Kim, et al Aesthetic Surgery Journal 2011 31:7



THERMIsmooth®

Non-invasive Dermal Heating

ThermiSmooth® is performed using a specially designed thermistor-regulated hand piece, which delivers precise heating to the skin's surface. There are a series of treatments over 6-8 weeks that are gentle and patients often say it feels like receiving a warm massage.

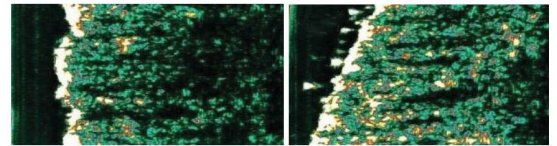
HOW IT WORKS

Clinical studies show that the collagen in skin will shrink when heated to sustained temperatures in excess of 40C. Further, it has been shown that when the skin is heated to this level, an inflammatory process is engaged which can stimulate fibroblasts to produce new collagen over a period of time.

disorganized collagen



organized collagen



50mHz ULTRASOUND – DENIS BRANSON, MD



The ThermiSmooth hand piece is applied to the skin's surface and the ThermiRF controller is set to a specific target temperature (i.e. 42C -45C). The hand piece is gently moved in a sweeping or circular fashion while gradually heating up the skin surface. As the skin's temperature rises to the target temperature, the radiofrequency output automatically adjusts to ensure precision of heating. A small zone is treated for approximately 5-7 minutes to achieve the clinical goal.

RESULTS



DENIS BRANSON, MD – 42C, 2 TREATMENTS



DENIS BRANSON, MD – 44C, 1 TREATMENT

THERMiVa®

Non-surgical Vulvovaginal Rejuvenation

Childbirth and the natural aging process cause changes which may affect feminine wellness. A particularly strenuous vaginal childbirth, or multiple births, can cause stretching of the vagina. The effects of menopause can also cause physical and functional changes, such as excessive dryness. Both conditions can rob women (and their partners) of their sense of well-being and happiness.

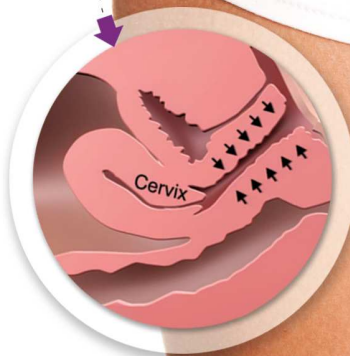
Reclaim. Restore. Revive.

HOW IT WORKS •

ThermiVa® treatments use radiofrequency energy to gently heat tissue so that women can **reclaim, restore, and revive** feminine wellness without discomfort or downtime. The patented ThermiVa electrode is designed to treat the internal and external anatomical features of the vagina.

A recent study of 23 patients reported:⁴

- Significant improvement in laxity
- Notable improvement in cases of atrophic vaginitis (n=5), stress urinary incontinence (n=5), orgasmic dysfunction (n=6)
- Ability to resume all activities the same day including sexual intercourse



RESULTS

RED ALINSOD, MD



IMMEDIATE EFFECT

AFTER 3 TX

WHAT PATIENTS ARE SAYING...

“Such a comfortable and pleasing treatment with absolutely no complications. Immediately I felt my labia and vulva to be tighter, a lot less saggy, and a definite “WOW” in the way it looked.”

– Patient One of Red Alinsod, MD

“I notice I am more aroused and more wet and don’t need lubrication anymore...now I feel healthier and sexier. I know the radio-frequency has helped both the inside and outside of my vagina.”

– Patient Two of Red Alinsod, MD

“I wanted to share with you some very exciting news about my first ThermiVa treatment. My urine incontinence has stopped completely. I have regained the ability to start and stop my urine flow which I have not been able to do for years.”

– Patient Three of Red Alinsod, MD

⁴Alinsod, Red. “Temperature Controlled Radiofrequency for Vulvovaginal Laxity.” PRIME, International Journal of Aesthetic and Anti-Ageing Medicine (July 2015): 16-21. Print.

Join the Family.

The Thermi Clinical Advisory Council.

More than clients, our physicians are family. Each physician has the opportunity to join our Clinical Advisory Council (CAC). As an independent body, CAC members engage in frequent peer-to-peer collaboration and investigate new techniques and applications.



ThermiRF Specifications:

Input Power	100-120/200-240V \pm 10%, 50/60 Hz
Output Power	20 watts (maximum) 50-300 Ω 0-10 volts, in Stimulate Mode
Maximum Output Voltage	80V, rms
Operating Frequency	460 kHz (\pm 5kHz)
Set Temperature Range	35-95°C; this range varies for each Power Delivery Mode
Dimensions	5.75" H X 12.5" W X 13.0" D (146mm X 318mm X 330mm)
Weight	12.6 lbs (5.7kg)

Accessories:

Personal Workstation
FLIR E40 IR Camera, Tripod, Tripod Adapter, Display Monitor
Peripheral Nerve Stimulator

The ThermiRF system and probes are FDA cleared (K130689) and indicated for use in dermatological and general surgical procedures for electrocoagulation and hemostasis; creation of lesions in nervous tissue.

THERMI™

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