

TRIO[™]iShape

BODY Sculpting System

Ultrasonic
Cavitation

RF

VACUUM

LED

**Five-in-one Technologies: US | RF Bi & Tri-Polar
Vacuum | LED Multiple Modalities for Treating
Multiple Indications in a Single Pass**

- Non-Invasive Fat Reduction with Zero Downtime
- Collagen Facial Remodeling
- Body Shaping — Slimming
- Cellulite Reduction
- Skin Tightening
- Fat Elimination

Experience the
POWER of 100+
Pre-Set iSmart Software
Programs for PERFECT
SYNERGY

iSmart
Synergy Software



Immediately Perform the Most Popular & Profitable Aesthetic Services Today

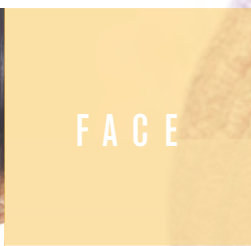
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TRIOiShape

BODY Sculpting System

TRIO iShape Synergy

Synergy from the Greek, meaning “*working together*” refers to the scientific phenomenon in which two or more discrete influences or agents acting together create an effect greater than that predicted by knowing only the separate effects of the individual agents. Synergy is often used to describe situations where “*the whole is greater than the sum of its parts*”. The synergistic combination of each of the four distinct TRIO iShape modalities – radiofrequency (RF), ultrasound cavitation, vacuum/suction and (red) LED phototherapy shown below provides aesthetic benefits far beyond the simple addition of each individual technology. This is because each modality has a specific mechanism of action which produces a distinctive physiological result which can often be enhanced by the addition of other modalities. For example, if you follow an ultrasound cavitation treatment for non-invasive body contouring with vacuum suction you can significantly enhance the treatment results – and show immediate improvement in body contour – by immediately mobilizing and moving the free liquefied fat to the nearest lymph nodes for more efficient drainage and elimination.



TRIO iShape Treatments for the Face

RF or RF + LED or RF + LED + Vacuum

LED or LED + Vacuum or Vacuum

TRIO iShape Treatments for the Body

RF or RF + LED or RF + LED + Vacuum or LED or LED + Vacuum or Vacuum

Ultrasound Cavitation or Ultrasound Cavitation + RF or Ultrasound Cavitation + LED

Ultrasound Cavitation + Vacuum or Ultrasound Cavitation + RF + LED

Ultrasound Cavitation + RF + Vacuum or Ultrasound Cavitation + RF + LED + Vacuum



FACE

LIFT

BODY



...by 2011
more than 36 million
procedures generating
\$8 billion
professional
fees...

TRIO iShape Markets

Demand for each of the services which can be performed with the **TRIO iShape** system (*Non-Invasive Fat Removal/Body Shaping/Cellulite/Wrinkles/Skin Tightening*) is growing at an explosive rate. Current trends in non-invasive fat removal (*Body Shaping*) procedures indicates the recent emergence of new technologies using less invasive treatment modalities than traditional liposuction and similar procedures. Body shaping encompasses a range of procedures that target size and weight reduction, as well as toning, firming and cellulite treatment. Skin tightening procedures address wrinkles and skin laxity on the face and body. In 2006, over 14 million procedures were performed in this category, generating in excess of \$4 billion in practitioner fees. By 2011, more than 36 million procedures in these areas were projected, producing over \$8 billion in professional fees. It is projected that non-invasive ultrasound cavitation fat removal service volume will increase by an unprecedented **70% annually** during the next several years. RF skin tightening procedures are expected to demonstrate even stronger growth (more than 194% per year for collective RF procedures – including skin tightening, fat removal and collagen renewal procedures). The estimated 4 million skin tightening and body shaping procedures performed in 2009 is expected to more than double to 8.7 million by 2014. Services provided by LED light array devices are also expected to increase dramatically—by over 50% per year—largely resulting from new product introductions and applications.

70%
Annually

194%
per year

50%
per year

Introducing... the New

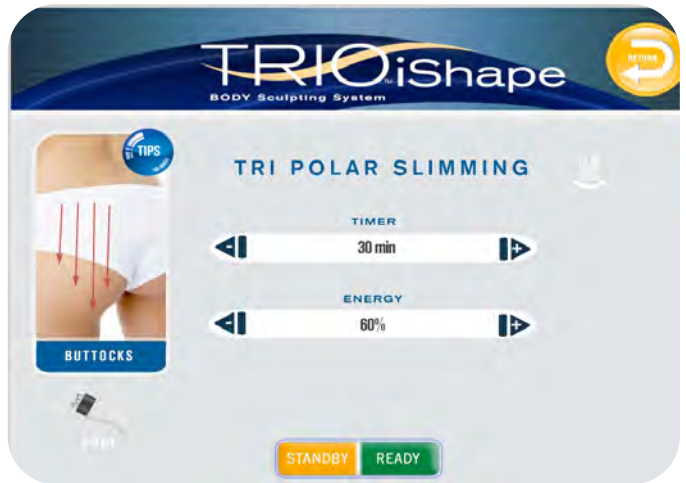
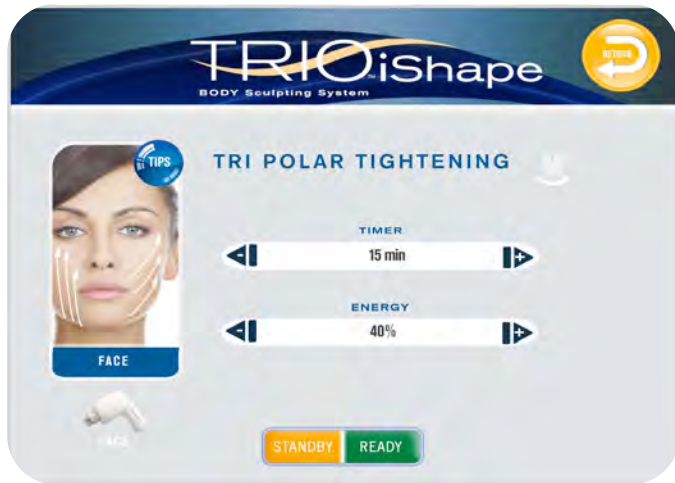
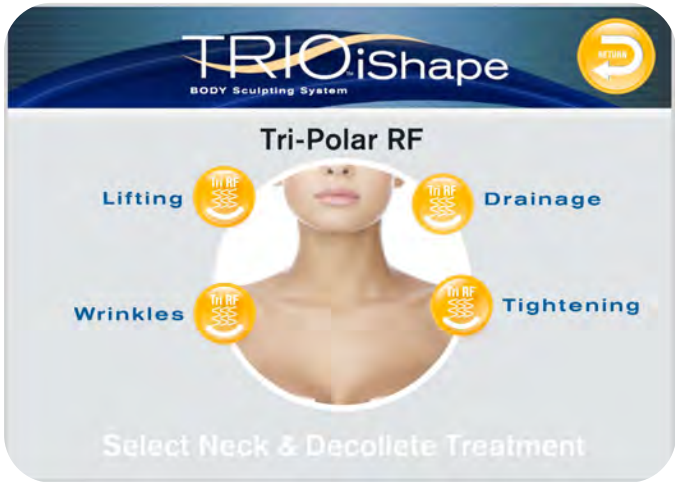
TRIOiShape

BODY Sculpting System

TRIO iShape
Larger Color Touch Screen &
Integrated Pre-Set Modality
& Parameter Options
Make Operator's
"Instant Experts"

TRIO iShape Proprietary iSmart Software

The TRIO iShape proprietary software allows the operator to select and adjust each modality (RF, cavitation, and vacuum suction) to treat a wide variety of popular indications including *cellulite reduction, body shaping/slimming, skin tightening and wrinkle reduction*. The large, full color touch screen display also allows the operator to select the target treatment area- body (arms, legs, abdomen, etc.) or face (forehead, cheeks, etc.). In addition, the TRIO iSmart software provides pre-set recommended parameter settings and directional stroking instructions for each treatment indication, making the treatments as easy to administer as they are effective.

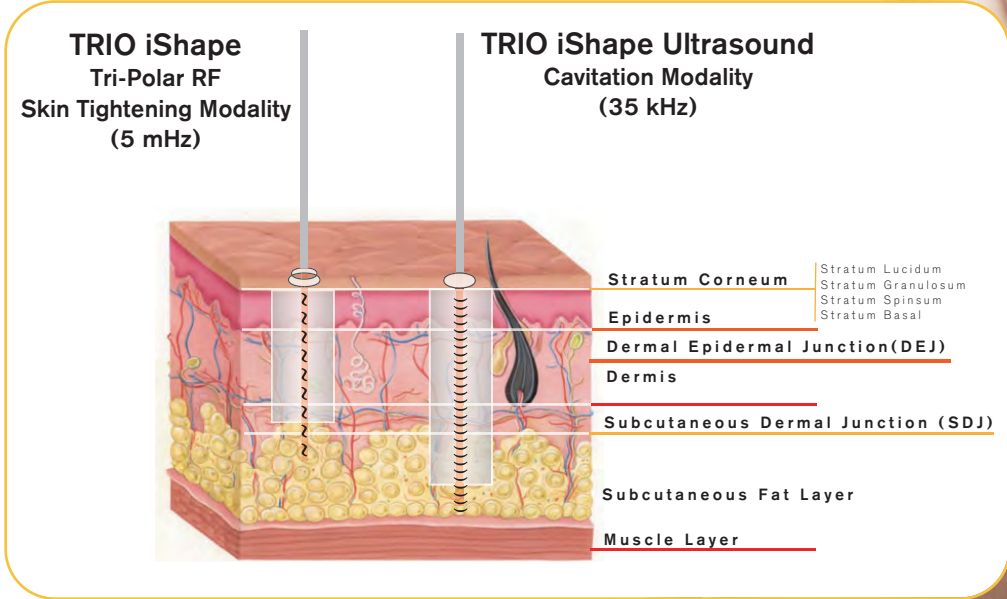




...by 2011
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TRIO iShape Radiofrequency (“RF”) Energy

The TRIO iShape RF energy is a form of electromagnetic energy with a wide frequency range (3 kHz to 300 MHz). RF energy affects the skin and tissue by utilizing various frequencies of radio waves that cause thermal effects in the skin in a similar—but different – manner than aesthetic lasers, infrared devices and intense pulsed light sources. RF energy is also photonic energy but—unlike lasers and IPL systems—RF photons are not absorbed by skin chromophores resulting in the production of heat. Instead, RF energy is delivered to the body via a variety of different frequencies, electrode configurations and technologies. Body cells do not interpret RF current as “electricity”; rather it is treated as an energy source. Skin layers act like “resistors” in series to the RF current and -- depending on the resistance and composition of the skin (and tissue) layers -- they heat up to varying degrees (much like a light bulb heats up when electricity passes through it). In general (depending on the frequency of the RF current utilized), fat cells are more resistant to RF current than other skin cells because oil is less conductive to electrical current than water (and “normal” skin cells are comprised mainly of water, whereas fat cells are “lipids”). Because fat cells have a higher “resistance” than epidermal and dermal skin cells, fat cells heat up more quickly than other skin tissue. The treatment indication, the body (or face) area being treated, the duration of the treatment, and the amount of TRIO RF energy applied can be selected on the control panel by the operator and the TRIO system will automatically deliver RF energy to the proper skin or tissue layer for optimal results. The only way to make sure you are performing proper RF treatments that will result in both immediate skin tightening and long-term collagen reformation is to make sure you are reaching external skin temperatures of approximately 39 degrees C. and maintaining this temperature in each treatment “grid” for at least one full minute. In order to do this, you need to use an accurate skin thermometer during each treatment. The TRIO iShape’s integrated IR Thermometer makes monitoring of either external or internal skin temperature during treatment a breeze.



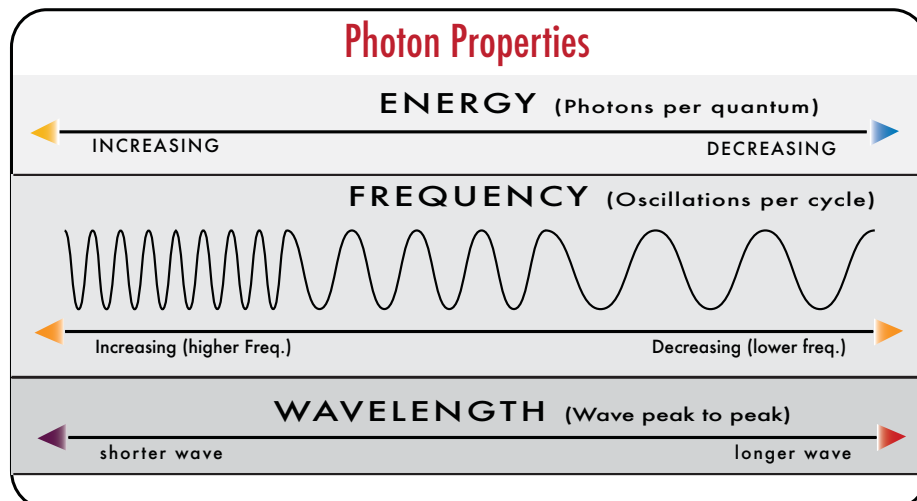
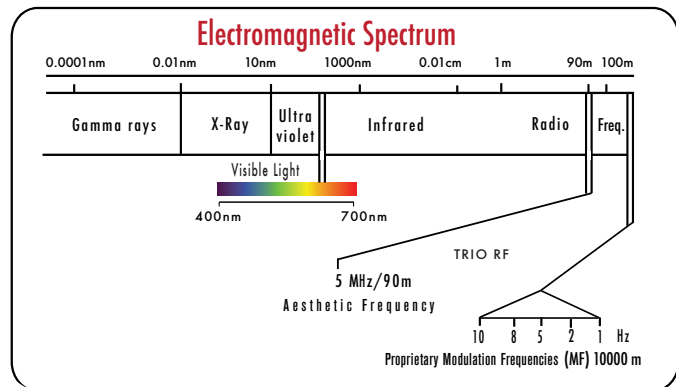


Emerging RF Skin Tightening Technology Has Arrived

Controlled thermal energy is a method for contracting loose, lax skin through the well-known mechanism of collagen denaturation. Heat-induced denaturation of collagen typically occurs at temperatures of about 65 degrees C. Radio frequency (RF) energy in a specific frequency range has long demonstrated its efficiency in rehabilitative diathermy and for heating tissue in electro-surgery. RF energy is also being widely used today for a variety of aesthetic and dermatological applications. RF energy has been shown in multiple studies to effectively tighten tissue, reduce wrinkles, and produce a noticeable skin "lifting" effect. Selective RF "electrothermolysis" via offers a safe and effective non-ablative method to improve tissue laxity, rhytides and cellulite.

RF Energy Delivery Via Electrodes

RF energy is delivered to the tissue by means of electrodes which are applied to the skin surface. The two traditional electrode configurations for the delivery of RF energy are bi-polar (two electrodes) and mono-polar (a single electrode and a grounding pad). The two methods differ in their derived energy field, but the resultant energy-tissue interaction is similar. Mono-polar RF systems are generally not recommended for treating the face. This is because mono-polar systems concentrate high-power RF density on a single surface electrode, which provides deep but random distribution of RF energy. With mono-polar systems, RF energy gradually diminishes in both density and power as it travels further from the source of emitted power. Mono-polar current travels via the "path of least resistance" to a large grounding pad typically located on the other side of the body. The high power required for mono-polar systems and the high concentration of power at the skin surface has raised concerns about causing the undesirable loss of facial fat and other adverse events.



TRIO iShape Bi-Polar RF “RF” Safe & Effective for the Face & Body

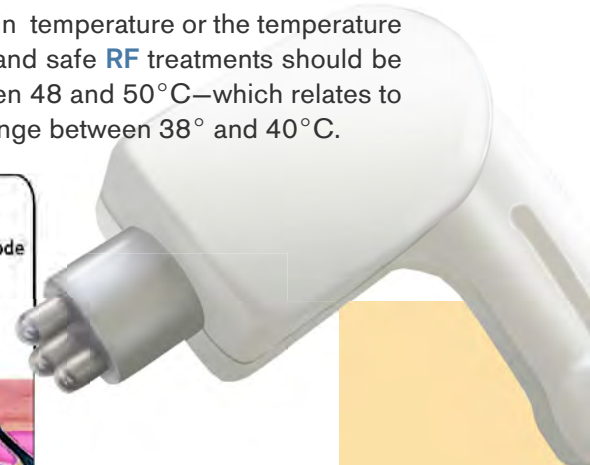
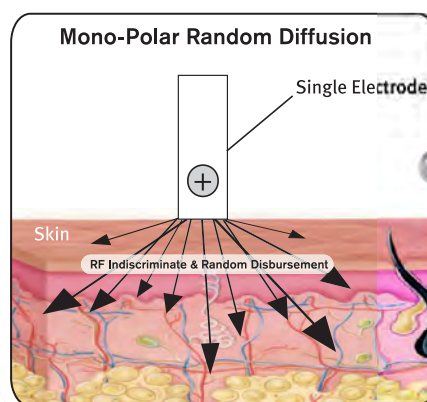
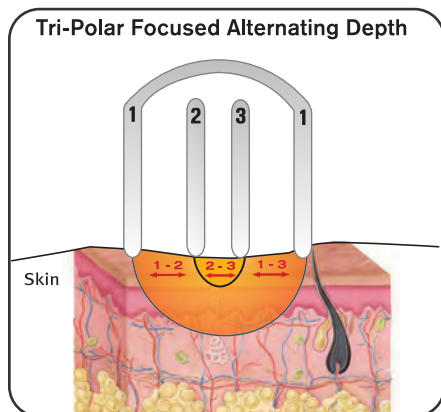
The TRIO iShape RF includes both bi-polar (two electrodes) and tri-polar RF (three electrodes) modalities for the ultimate versatility in the safe and effective delivery of popular aesthetic services including skin tightening, wrinkle reduction, slimming and cellulite reduction. With both the included facial and body bi-polar hand pieces, the RF current flows between two electrodes – one positive and one negative in polarity, set a fixed distance apart. The RF current travels through the tissue in a predictable arc between the two electrodes. The distance between the two electrodes determines the exact area of RF energy delivery and the depth of penetration of the energy (and resultant tissue heating). No grounding pad is necessary with multi-polar systems. The predictable pattern and distribution of the TRIO bi-polar current in the tissue allows the operator to deliver RF energy in a manner that is safe, more precise and more controlled, providing a major advantage of bi-polar technology over mono-polar systems.



TRIO iShape Tri-Polar RF – Can Achieve a Uniform Multi-Layer Skin Heating

The included TRIO iShape tri-polar hand pieces use **three** electrodes to deliver the RF energy to the underlying skin and tissue layers. The key advantages of the tri-polar modality is that the three electrodes focus the energy in the center between the three poles/electrodes. This focused delivery of RF energy provides higher treatment efficacy due to the highly focused electrical energy that requires much less total energy. The use of lower energy levels results in no patient discomfort during treatment, immediate results and faster treatments. In addition, the tri-polar configuration allows the achievement of variable depths of penetration, thereby resulting in simultaneous treatment of deep and superficial skin layers. This is important in achieving uniform, multi-layer skin heating.

TRIO iShape’s large and standard tri-polar radiofrequency RF handpieces include built-in **IR infrared thermometers** to provide continuous feedback for monitoring the external skin temperature or the temperature of the deeper dermal layers. Experts agree that the goal for efficacious and safe RF treatments should be the achievement of “internal” (i.e., dermal) temperature in a range between 48 and 50°C—which relates to an external (i.e., dermal) skin temperature at the treatment location in a range between 38° and 40°C.



NOTES: Surgeons and patients should also remember that skin tightening continues to improve several months after laser irradiation due to the delayed nature of neocollagenesis. The only way to make sure you are performing proper RF treatments that will result in both immediate skin tightening and long-term collagen reformation is to make sure you are reaching external skin temperatures of approximately 39 degrees C, and maintaining this temperature in each treatment “grid” for at least one full minute. In order to do this, you need to use an accurate skin thermometer during each treatment. The TRIO iShape’s integrated IR Thermometer makes monitoring of either external or internal skin temperature during treatment a breeze.

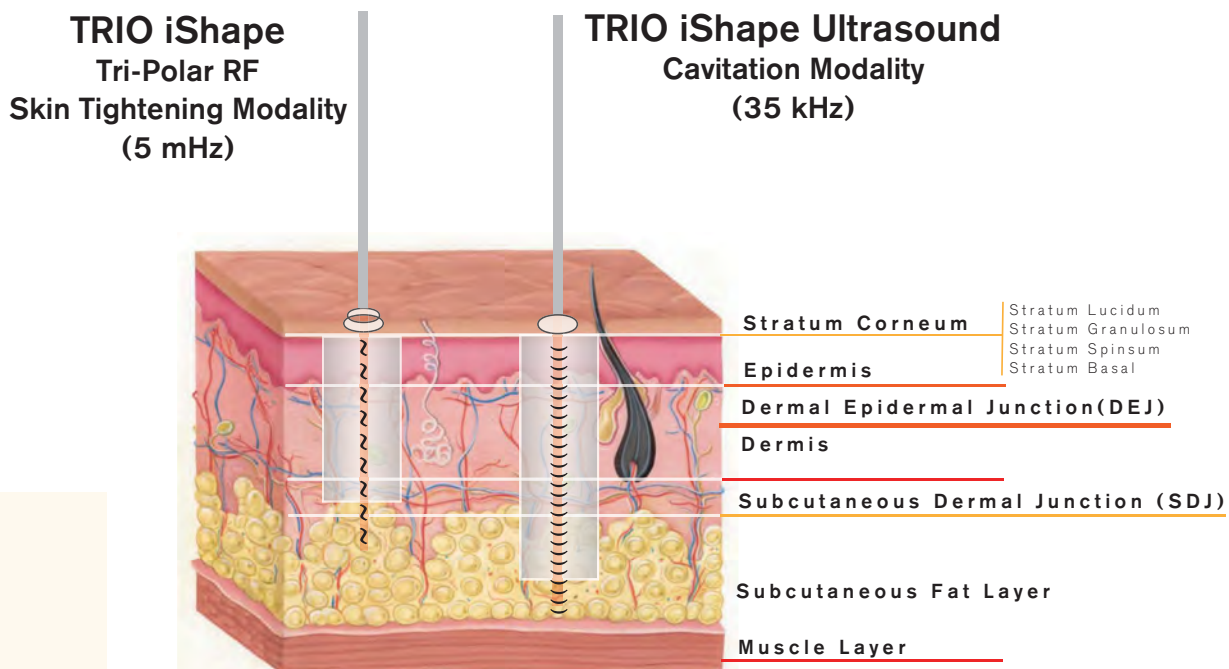
TRIO iShape Ultrasound Cavitation— Non-Surgical Elimination of Adipose Tissue, Tissue Tightening & Improved Skin Tone

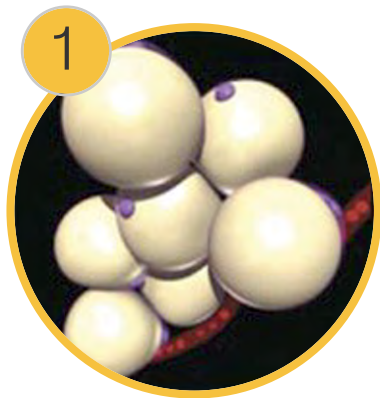
The use of non-thermal ultrasound cavitation for the safe and non-invasive treatment of excess body fat and body contouring has taken the world by storm during the past several years. Traditional “cavitation machines” utilized the thermal effects of ultrasound, were non-selective and generally resulted in dangerously high skin temperatures—often causing epidermal injury and discomfort. Recent discoveries have shown that non-thermal cavitation utilizing mechanical “stress waves” to damage and adipocyte membrane integrity and remove fat without injuring the epidermis or other cells (i.e., nerves, blood vessels, etc.) in the adipose layer is the superior technology for non-invasive liposculpture results. The **TRIO iShape** system utilizes variable dual frequency ultrasound for deeper penetration and superior results in reducing the thickness of the adipose layers.

The combination of two non-thermal ultrasound frequencies – 28 kHz AND 40 kHz- is a breakthrough in body shaping technology. **TRIO iShape** proprietary **Dual Frequency Low Intensity Cavitation Ultrasound (LICU)** platform makes it the preferred system for many aesthetic body shaping applications.

Variable Dual Frequency Ultrasound

Through the use of its innovative dual frequency ultrasound generators, the **TRIO iShape** enables the operator to select from three different frequency options for more flexibility and greater results: 28 kHz, 40 kHz, and 28 kHz/40 kHz “dual mode”. With both RF and ultrasound, the lower the frequency used, the deeper the energy will penetrate into the tissue. Ultrasound energy can penetrate into the subcutaneous fat layer, and RF energy can penetrate to the deepest layers of the dermis.

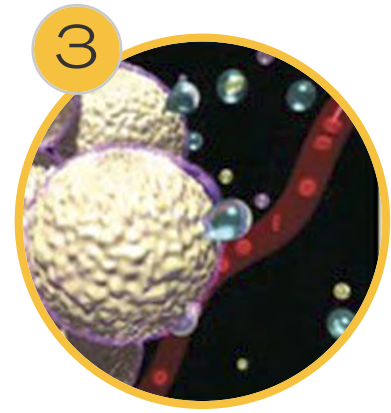




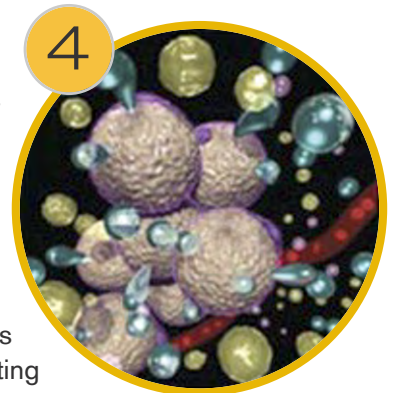
Adipocytes at Rest



The tissue heating at target depth



Pores have formed on the adipocytes allowing contents to spill out



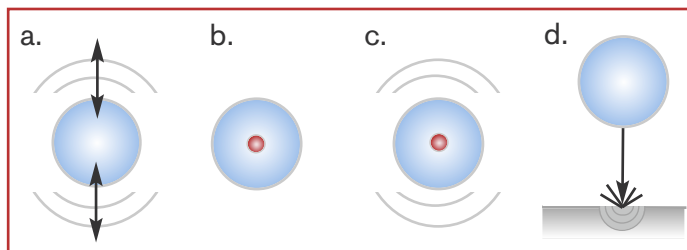
Water, Glycerol and Free Fatty Acids move out into interstitial space.

TRIO iShape Ultrasound Cavitation SCIENCE

“**Cavitation**” is defined as “the formation of partial vacuums within a flowing liquid as a result of mechanical force” and is described in the illustration shown below. When applied with sufficient intensity in aesthetic cavitation treatments, tiny vacuums or cavities (often referred to as “bubbles”) are repeatedly generated inside the interstitial fluid between the tissue cells in a safe, controlled manner.

TRIO iShape Cavitation Phenomenon

The traditional therapeutic applications of ultrasound energy – such as physical rehabilitation—have utilized primarily the thermal component of ultrasound’s three mechanisms of tissue interaction. The **TRIO iShape** utilizes primarily the cavitation phenomenon resulting from the expansion and compression cycles inherent to the ultrasound waveform. Ultrasonic compression cycles exert positive pressure on fluid molecules, while expansion cycles exert negative pressure. Due to the relatively lower molecular cohesion forces found in low-density tissue like fat – as compared with neighboring muscle tissue, nerves, or bone-- these rapidly alternating pressure gradients produce microcavities within the biological tissue. These micro-cavities—or gas-filled bubbles—are unstable in a low-density medium and have an increasing chance of implosion with ever-growing diameters. After prolonged exposure to the ultrasonic waves, most of the microcavities within the adipose tissue reach a critical volume and break down. This cumulative disruption causes the widespread damage of tissue infrastructure. The final result is a particulate cellular fragmentation with diffusion of the lipid matrix of the adipocytes (fatty acids or triglycerides) into the intercellular spaces. Free fatty acids released during a TRIO cavitation treatment will eventually be delivered to the liver – and are processed in the normal pathways that nature has evolved for the transport and elimination of excess dietary fat.



- Cavitation bubbles oscillate and induce shear stresses on cells.
- High temperatures at the bubble core, created by bubble collapse, induce chemical changes in the surrounding fluid.
- Sudden collapse of bubbles sends shock waves capable of disrupting tissue and fat cell walls.
- Collapsing bubbles can also form high-velocity micro-jets which penetrate tissue or create secondary shock waves.

TRIO iShape

BODY Sculpting System

TRIO iShape Ultrasound Cavitation Results

With the ultrasound cavitation modality included with the TRIO iShape system you can achieve results like liposuction without the risk of an invasive procedure. When applied in proper ultrasound frequencies and intensity levels to excess layers of subcutaneous fat, low frequency ultrasound waves can cause cavitation “bubbles” to implode against fat tissue, applying steady pressure until the fat cell membranes rupture. These ruptures allow the liquefied fat (mainly triglycerides) inside the fat cells to be emptied into the fluid between the fat cells (called the “*interstitial space*”). The fat cell contents and the remaining cellular debris is then easily transported and eliminated via the lymphatic system. Ultrasound cavitation treatments help eliminate fat cells gradually and without the risk of unwanted lumps, bumps and side effects. The end result will be a body contour that is smooth, shapely and slimmer than you have been in years!

Before & Afters

Before



Ultrasonic
Cavitation

After





TRIO iShape Tri-Polar RF (Radiofrequency)

The **TRIO iShape** includes a convenient tri-polar RF modality for the thermal treatment of skin laxity, wrinkles, skin rejuvenation, cellulite and body fat. RF current is produced when charged particles flow through a closed circuit. As the electrical energy meets resistance in the tissue, the energy is transformed into heat. The generated heat is deposited at different depths in the dermis depending on the parameter settings and applicator used, resulting in immediate collagen contraction and long-term collagen regeneration. RF thermal treatments result in non-invasive improvement in wrinkles and skin laxity as well as cellulite and excess body fat. The proprietary **TRIO iShape** tri-polar RF handpiece enables the operator to cover larger surface areas and treat at greater skin depths than either mono-polar or bi-polar systems for faster and more effective RF treatment. **TRIO iShape's** large and standard tri-polar radiofrequency "RF" handpieces include built-in infrared thermometers to provide continuous feedback for monitoring the external skin temperature or the temperature of the deeper dermal layers. The goal for efficacious and safe RF treatments should be the achievement of "internal" (i.e., dermal) temperature in a range between 48° and 50°C—which relates to an external (i.e., dermal) skin temperature at the treatment location in a range between 38 and 40°C.

Ultrasound Cavitation Handset

BODY

Ultrasound Cavitation Frequency:
40 kHz; 28 kHz
Dual Mode: 40/28 kHz

SkinTempVue™

Tri Polar RF Handsets

FACE & BODY

Radiofrequency RF Carrier Frequency (CF): 1 MHz

Tri-Polar Facial Hand Piece: Diameter 35 mm;

Tri-Polar Body Hand Piece: Diameter 66 mm;

Mini Face Hand Piece: Diameter 66 mm;
with (3) three inter-changeable tips





TRIO iShape Vacuum + Bi Polar + LED

The TRIO iShape system includes a vacuum modality for specialized treatment of a variety of skin and body conditions including lifting, drainage, wrinkles, skin rejuvenation, tightening, cellulite, stimulation and activation. The unique vacuum modality provides the optimal method for increasing the circulation of both blood and lymph for improved tissue health and reduced edema and congestion. In addition, vacuum treatments can be combined with either (or both) LED and bi-polar RF for additional skin and body benefits. The addition of bi-polar RF adds the power of heat to any treatment, and the incorporation of the 630 – 680 nm LEDs enables the operator to deliver additional anti-aging and beauty benefits by directing precise amounts of photonic energy to the skin cells themselves.

Vacuum + BiPolar RF Handsets + LED



FACE & BODY

LED

Radiofrequency Bi-Polar RF/Vacuum:

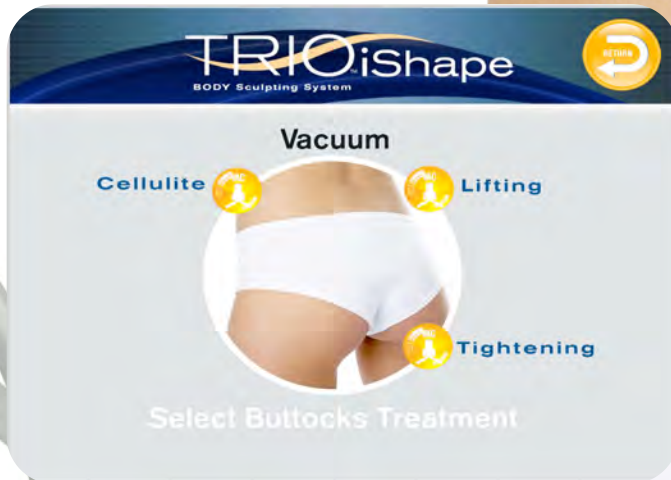
Facial Hand Piece: Inner diameter 50 mm (with two LEDs);

Bi-Polar RF/Vacuum Body Hand Piece: Inner diameter 80 mm (with six LEDs);

TRIO iShape Vacuum Therapy

The TRIO iShape RF Vacuum Therapy modality—included in each bi-polar RF handpiece—enables the operator to treat with either continuous or pulsed negative pressure for extraordinary aesthetic results for a number of popular concerns including:

- Reduction in the Appearance of Cellulite
- Improved Skin Tone & Texture
- Improved Tissue Health Due to Improved Blood Flow
- Reduction in Edema and Problematic Lymphatic Circulation
- Improved Body Contour Due to Increased Tissue Metabolism & Blood Circulation



TRIO[™]iShape

BODY Sculpting System



- Tightens & Rejuvenates • Stimulates Collagen Formation • Reduces Pore Size
- Reduces Cellulite & Wrinkles • Eliminates Excess Fat & Detoxifies

iSmart
Synergy Software

100+ iSmart Software Pre-Set Programs

Harmonized iSmart Software V 4.0; Nine (9) Pre-set Treatment Areas: Face, Neck & Decollete, Abdomen, Buttocks, Legs, Arms, Feet, Hands, Breast. Large 10.4" True Color Touch Screen Monitor

Technical Specifications

Ultrasound / Modality

Ultrasound Cavitation Frequency: 40 kHz; 28 kHz & Dual Mode; 40/28 kHz
Energy: 0 – 50 Joules; Continuous or Pulsed; Diameter of transducer: 50 mm

Tri-Polar RF / Modality

Carrier Frequency: 1 MHz
RF Energy: Adjustable 0 – 300 J.
Tri-Polar Facial Hand Piece: Diameter 35 mm*
Tri-Polar Body Hand Piece: Diameter 66 mm*
Bi-Polar Mini Facial Hand Piece: Diameter 35 mm with (3) three interchangeable tips

SKIN
TEMP
VUE[™]



* With Integrated IR Skin Thermometer

LED / Modality

LED Wavelength: 620 - 670 nm
LED Power: 60 mA
LED Diameter (ea): 10 mm

Vacuum + Bi-Polar RF / Modality

Facial Hand Piece: Outer diameter 75 mm (with two LEDs)
Body Hand Piece: Outer diameter 109 mm (with six LEDs)
Vacuum Pressure: 740 mm Hg (maximum)
Vacuum Flow: 80 L/min. (maximum)
Duration of Suction & Deflation: Adjustable 100 ms to 2 sec.
Bi-Polar RF Energy: 0-300 J. RF Frequency: 1 MHz
Device Weight: 63 lb. /29 kg.
Electrical Requirement: 100/110 V or 200/220 V, 50-60 Hz



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Extended Warranty available. EU/CE certifications granted.

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Global Aesthetic Solutions

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