



Equipment Theory

1 Cavitation & RF

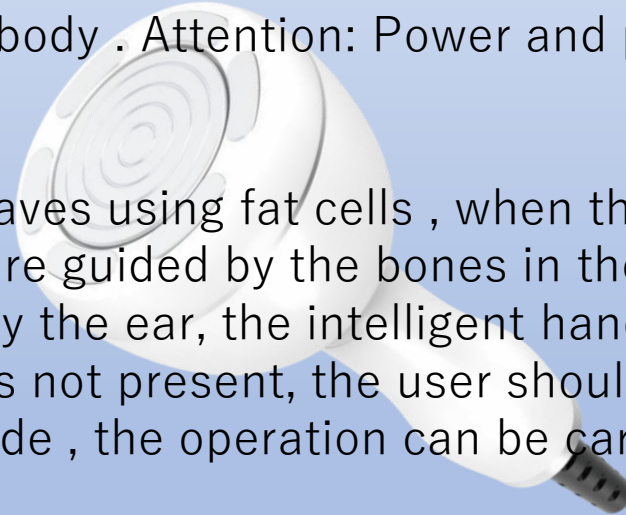
This is a picture of decreased accumulation of triglycerides and increased fat cells.
Surrounding fat cell bubbles,
Impact ruptures the fat cell membrane and ruptures it.

Recommendation for Yamato sclerotic fat cells
The softness of the flesh that can be felt .



It can be treated anywhere in the body . Attention: Power and power, one local 10 minute bell.

※ Cavitation uses super-sound waves using fat cells , when the super-sound waves are heard in the bones, the resonant sounds that are guided by the bones in the head .
The sound of the head is guided by the ear, the intelligent hand, and the skill of using it.
At certain times, when the horse is not present, the user should be careful to hear the sound , but after the adjustment has been made , the operation can be carried out step by step .



* High frequency (RF) cavitation SMN (Soluble Ultrasonic Needle) Body & Face

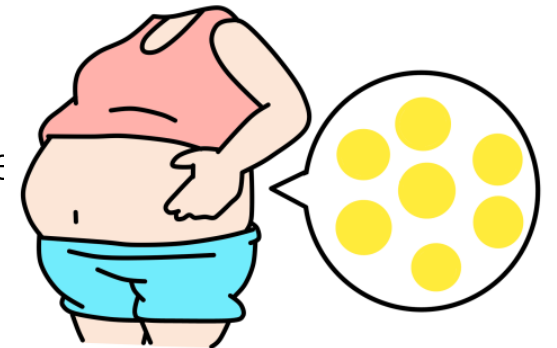
After the fat cells are heated for a certain period of time, they die naturally, and the cells die. Due to the difference in the presence of electric shock between adipocytes and other tissues, there are slight differences in the type of heated fat that can be used. Progressive treatment of the surrounding skin and skin conditions is possible.

※ High frequency and internal fat

Internal fat, which is also commonly used in cosmetology, is the membranous surrounding the intestinal system.

It is a kind of fat that is related to the liver, blood, and blood, and has an immediate effect on food and drink.

The sugar content and fat content is long and the benefits are great.



Radio frequency (RF) treatment generates deep heat in the treatment area for 5 °C, making it easier to use and dissolve fat. Work and be active.

6Deepoo Internal **radio frequency** (RF) height per square meter: 1° C, immune system increased by 37%, basal metabolic rate increased by 13%, Increases internal weight by 50%, reducing the impact on healthy internal fat.

2 Working Principle of Body HIFU + RF

1. High-Intensity Focused Ultrasound (HIFU):

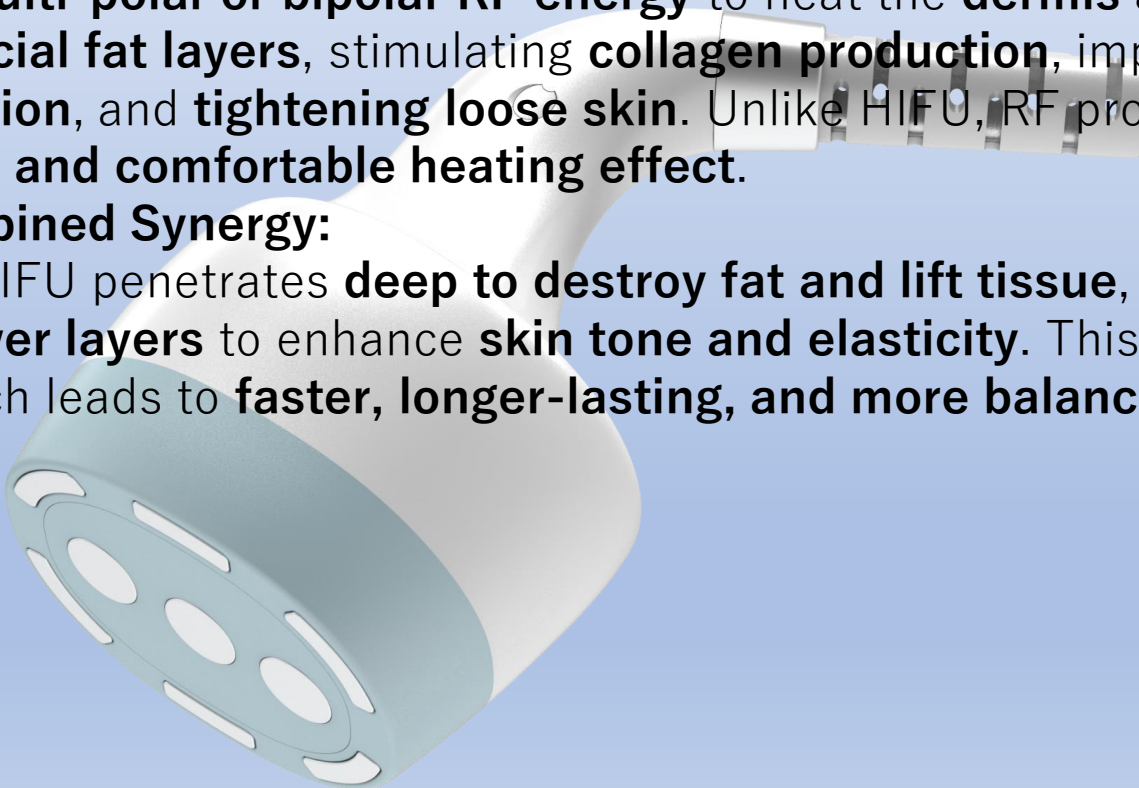
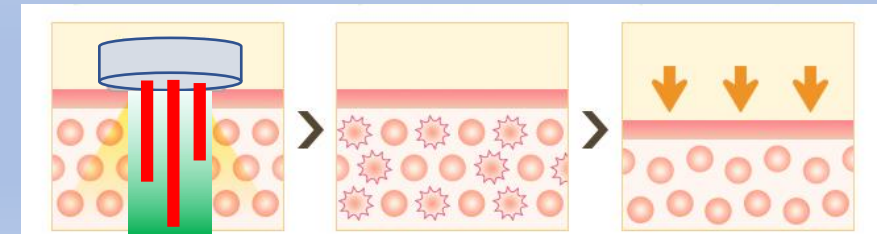
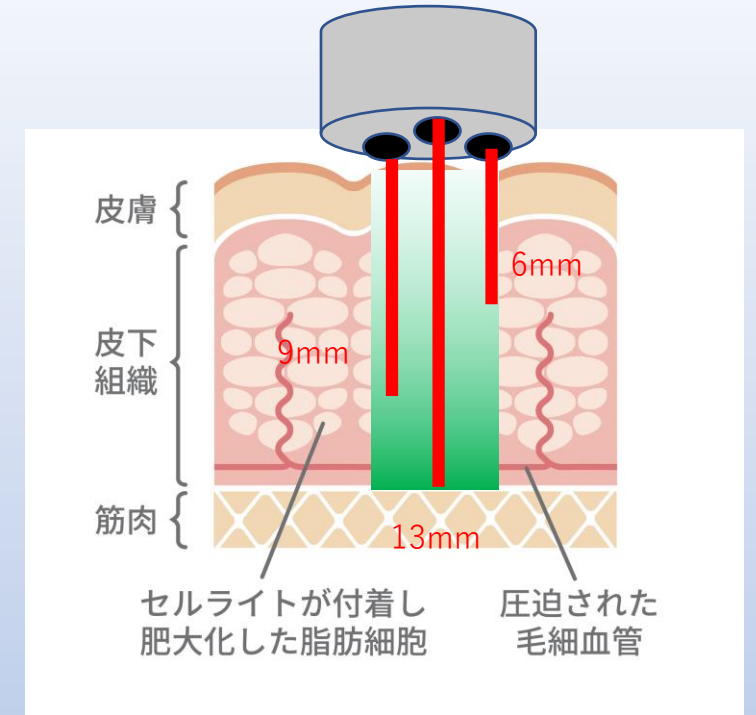
Delivers focused ultrasound energy deep into the **subcutaneous fat layer** (typically 6.0mm–13.0mm) to create **thermal coagulation points** without damaging the skin surface. This causes **adipocyte (fat cell) breakdown** and **tightening of connective tissue**.

2. Radiofrequency (RF):

Uses **multi-polar or bipolar RF energy** to heat the **dermis and superficial fat layers**, stimulating **collagen production**, improving **blood circulation**, and **tightening loose skin**. Unlike HIFU, RF provides a more **gradual and comfortable heating effect**.

3. Combined Synergy:

While HIFU penetrates **deep to destroy fat and lift tissue**, RF works on **shallower layers** to enhance **skin tone and elasticity**. This dual-action approach leads to **faster, longer-lasting, and more balanced results**.



✨ Key Functions & Benefits

✓ Body Contouring & Fat Reduction

HIFU breaks down stubborn fat deposits in areas like the abdomen, flanks, thighs, arms, and back. Reduces circumference and reshapes body contours non-invasively.

✓ Skin Tightening & Firming

RF contracts collagen fibers and stimulates new collagen production, effectively **tightening sagging skin** after fat loss or aging.

Prevents loose skin post-lipo slimming treatment.

✓ Improved Lymphatic Drainage & Circulation

RF boosts **microcirculation**, promoting detoxification and reducing **cellulite appearance**.

Accelerates **metabolic activity** in the treated area.

✓ Non-Invasive & Painless

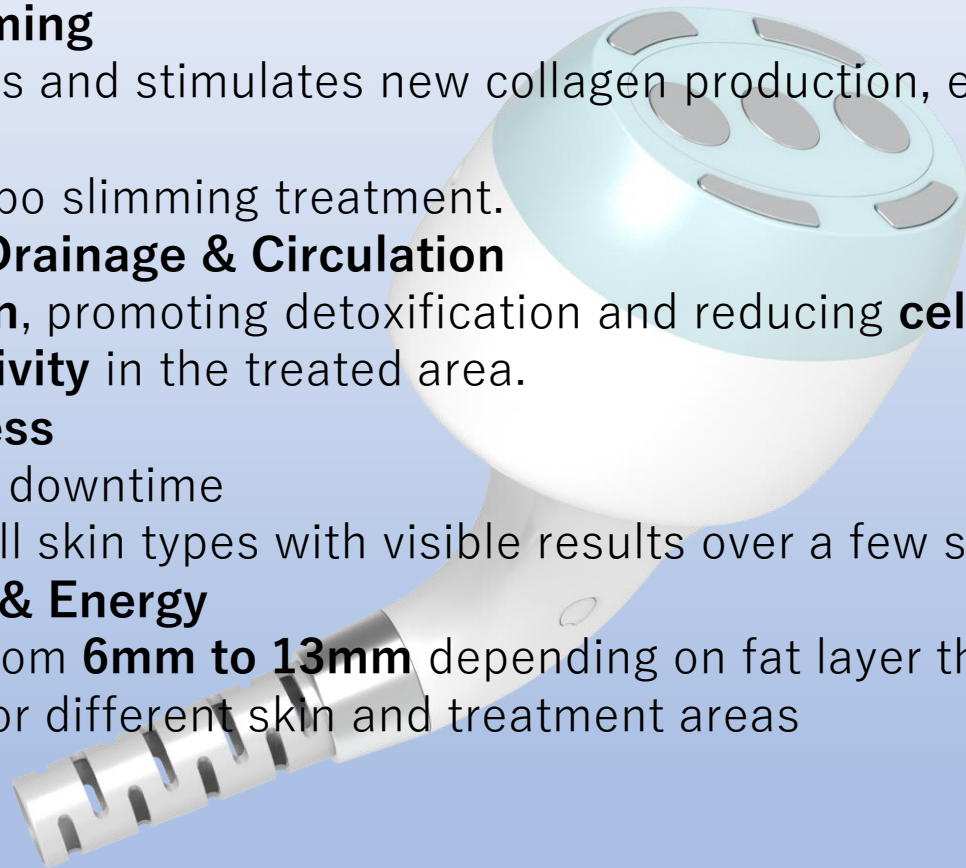
No surgery, no needles, no downtime

Comfortable and safe for all skin types with visible results over a few sessions

✓ Customizable Depths & Energy

HIFU cartridges can vary from **6mm to 13mm** depending on fat layer thickness

RF intensities adjustable for different skin and treatment areas



3 **Thermage RF**

✓ **Working Principle:**

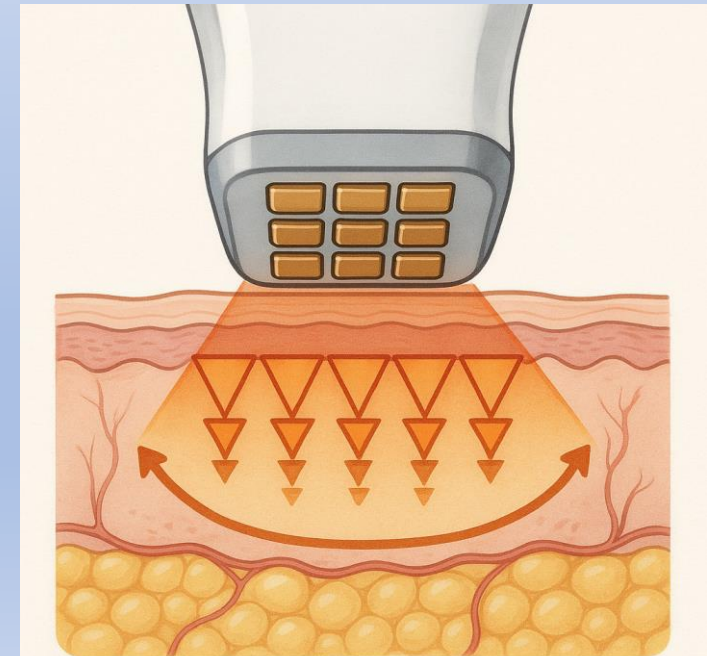
Fractional Thermage RF combines **radiofrequency energy** with a **fractional delivery system**, meaning the RF energy is applied to the skin in a **grid-like (dot-matrix) pattern**, leaving **tiny zones of thermal injury** surrounded by untreated tissue.

This **fractional heating** allows for deeper penetration while promoting **faster healing and collagen remodeling**.

The **RF energy** heats the **dermis and subcutaneous tissue**, causing **immediate collagen contraction** and stimulating the production of **new collagen and elastin** over time.

Surface cooling mechanisms help protect the epidermis and ensure patient comfort.

This technology is sometimes referred to as “**Fractional RF Microneedling**” when combined with micro-needles, but **non-invasive fractional RF** also exists without needles.



☀️ Key Applications:

- ◆ **Wrinkle Reduction** Effectively treats fine lines and moderate wrinkles on the face, neck, and décolleté
- ◆ **Skin Tightening & Lifting** Improves skin laxity by contracting collagen and stimulating long-term tightening
- ◆ **Pore Minimization** Reduces enlarged pores and improves overall skin smoothness and texture
- ◆ **Acne Scar and Stretch Mark Reduction** Helps to resurface the skin and smooth out irregularities by encouraging collagen regeneration
- ◆ **Skin Rejuvenation** Evens out skin tone, improves elasticity, and promotes a more youthful appearance
- ◆ **Body Skin Firming** Can be used on areas like arms, abdomen, thighs, and buttocks for skin tightening and texture improvement

📈 **Treatment Advantages:** Non-invasive or minimally invasive (depending on system design) Short recovery time thanks to fractional delivery Safe for all skin types, with adjustable energy levels Can be combined with other modalities like HIFU or LED for enhanced results Suitable for clients who want firming and resurfacing without surgery



4 Facial HIFU+RF

← END HIFU + RF Combined System: Advantages over Traditional Single HIFU or RF

◆ 1. Multi-Layer Synergy

HIFU focuses energy deep into the dermis, SMAS, and fat layers

RF primarily works in the **epidermis and superficial dermis**

→ Combined treatment covers **both deep and shallow layers**, maximizing lifting and rejuvenation.

◆ 2. Faster Visible Results + Long-Term Lifting

RF provides **instant tightening** due to collagen fiber contraction

HIFU triggers **long-term collagen regeneration and lifting**, visible over 2–3 months

→ Patients see immediate and continued improvement.

◆ 3. More Comfortable & Safer

RF is **gentler on the skin surface**, helping to ease discomfort from HIFU

Suitable for **a wider range of skin types**, especially for patients sensitive to high HIFU intensity

◆ 4. Enhanced Treatment Versatility

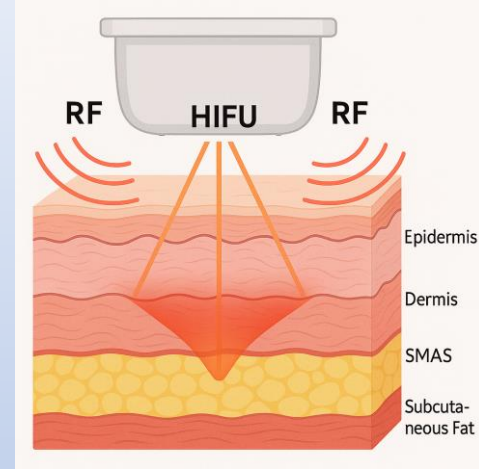
Treats **wrinkles, sagging, large pores, and skin laxity** more comprehensively

Can be customized for **face & body**, all ages, all skin types

◆ 5. Better Market Competitiveness

Dual-tech system appeals to clients seeking **faster, more effective, and longer-lasting results**

Increases **customer satisfaction and retention**



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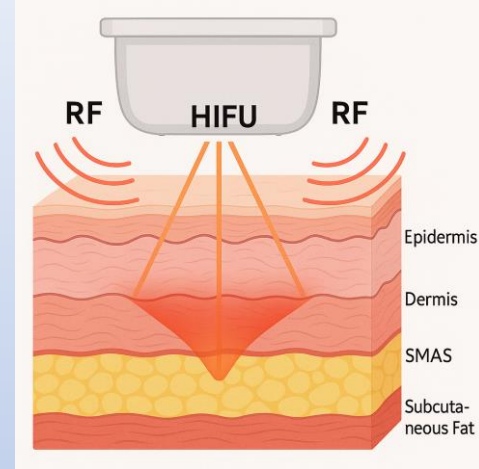
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Functions of HIFU Cartridges by Depth (1.5mm / 3.0mm / 4.5mm / 6.0mm)

1.5mm – Superficial Dermis Layer

Targets **fine lines**, especially around delicate areas (eyes, lips, forehead)

Improves **skin texture and tone**

Stimulates collagen in the **upper dermis**

3.0mm – Deep Dermis Layer

Works deeper to **tighten sagging skin**

Enhances **skin elasticity** by stimulating collagen and elastin

Ideal for **cheeks, jawline, and nasolabial folds**

4.5mm – SMAS Layer (Superficial Musculoaponeurotic System)

Delivers energy to the **muscle fascia layer**

Creates a **lifting and firming effect** similar to a non-surgical facelift

Most effective for **jawline definition and face contouring**

6.0mm – Subcutaneous Fat Layer *(used more often on the body)*

Targets **fat deposits** under the skin

Helps in **body contouring**, tightening loose skin on arms, abdomen, thighs, etc.

May reduce localized fat while also tightening



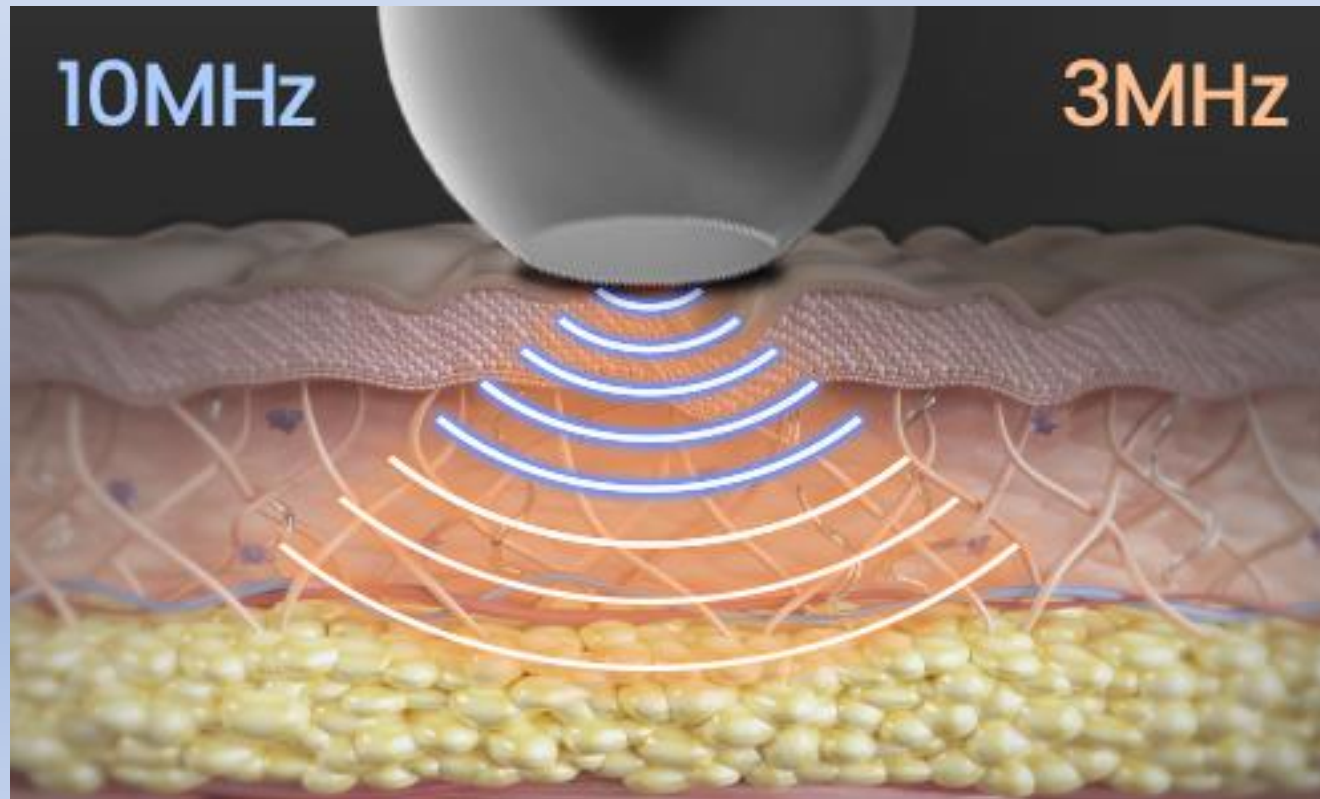
5 Dual-Frequency Ultrasound Beauty (3MHz + 10MHz)

Dual-frequency ultrasound technology utilizes two ultrasonic frequencies—**3 MHz** and **10 MHz**—to treat different depths of the skin.

3 MHz penetrates **deeper** into the dermis, targeting tissue repair, collagen regeneration, and deep cellular stimulation.

10 MHz works on the **superficial skin layers**, focusing on gentle exfoliation, skin tone improvement, and surface-level rejuvenation.

The combined use of both frequencies allows for **precise, multi-level treatment** with enhanced safety and effectiveness.



Function:

◆ **Deep Rejuvenation (3 MHz):**

Stimulates collagen and elastin production

Improves skin elasticity and firmness

Promotes lymphatic drainage and cellular metabolism

◆ **Surface Refinement (10 MHz):**

Gently exfoliates and smooths the epidermis

Reduces fine lines, pore size, and surface pigmentation

Enhances skin brightness and texture

◆ **Enhanced Product Penetration:**

Ultrasound waves temporarily loosen skin cell junctions, boosting absorption of serums and active ingredients (sonophoresis effect).

◆ **Safe & Non-Invasive:**

No heat damage, no needles—just effective, comfortable treatment for all skin types.

