

optocoheren[®]

Microneedle Fractional RF



9th Generation Microneedling

- Wrinkle reduction
- Acne scars
- Pore reduction
- Skin rejuvenation
- Skin tightening
- Quick Results
- Less Pain
- Less Downtime

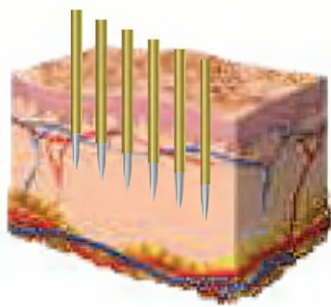
How it works



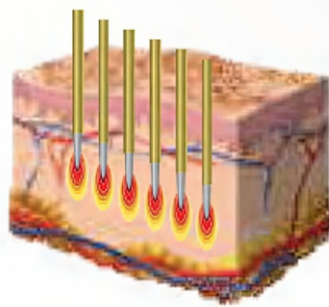
● Percutaneous CIT (Collagen Induction Therapy) with RF Microneedling

Collagen Induction therapy is one of the safest skin resurfacing treatments available. Also known as skin needling. It involves the use of a single use needle gently penetrating into the skin.

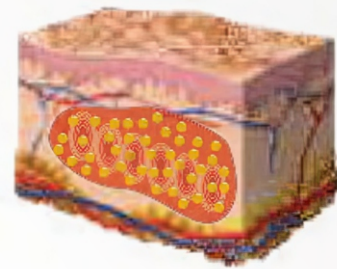
Skin needling stimulates the release of growth factors that build up natural collagen and elastin in the area that's being treated. This is an excellent method of collagen induction as the epidermis and melanocytes in the deep layer of the skin are not damaged so there is no possibility of post inflammatory hyper pigmentation. Unlike lasers or dermabrasion, RF powered microneedling can be used on most skin types and colour, and even sensitive areas close to the eyes. It is a target focused treatment and will not touch the surrounding skin with fast recovery time.



Microneedle penetration



RF energy emission

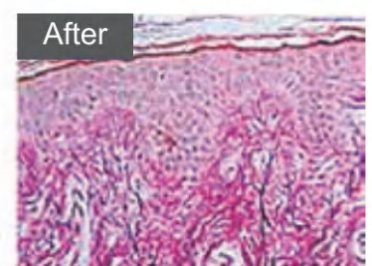
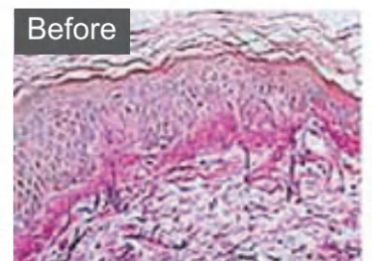


New collagen & elastin production

● WHM (Wound Healing Mechanism) by RF Energy

Radio frequency (RF) is one of the most innovative treatments for chronic wound healing and skin regeneration. It has been shown to reduce skin flaccidity, wrinkles and cutaneous aging. In addition, RF has demonstrated the ability to upregulate human dermal cell proliferation and activate expressions of genes and enzymes.

Moreover, RF generates a non-ionizing electromagnetic field, considered a safe modality for human skin, and has been used in both medicine and communication depending on the frequency spectrum



Indication

- Lifting and Elasticity
- Inflammatory Acne
- Acne Scars
- Fine lines, Deep Wrinkles
- Nasolabial Folds
- Enlarged Pores
- Skin Rejuvenation
- Stretch Marks

- Reduction in pore size, smooth skin texture
- Minimally invasive hair regrowth
- RF Microneedling does stimulate hair growth. It combines radiofrequency energy with microneedling to rejuvenate the scalp. This process enhances blood circulation, boosts collagen production, and activates stem cells in hair follicles, leading to improved hair density and thickness.

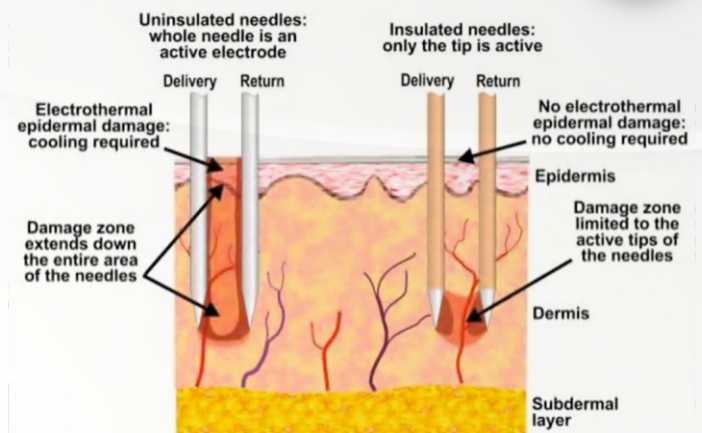
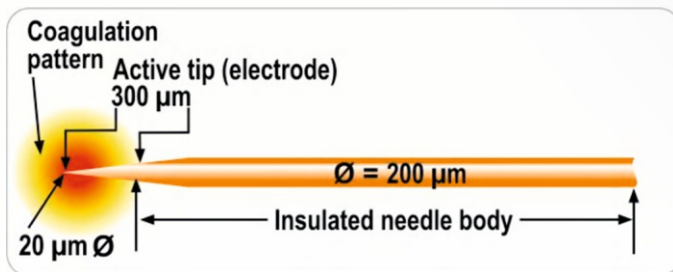
- Various treatment approaches
- Strong safety profile, CE and FDA certifications
- Clinically efficient results with minimal pain and minimal downtime.
- Results are immediate and cumulative with multiple sessions.
- Precise control
- Fast treatment
- Economical maintenance cost



Advantages

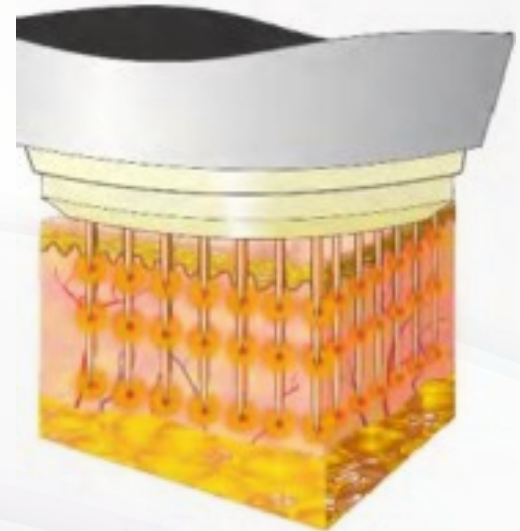
Insulated Microneedles

- Only the needle tip (300µm) is the active electrode.
- Bipolar RF generates precise electrothermal damage at preset depths in the dermis.
- Insulated needle body means no thermal damage at the critical dermal/epidermal layer.



Advantages Microneedle Fractional RF(MFR)

- USA FDA Cleared
- With very precise control and delivery of RF energy
- Can treat all Skin Types I-VI
- Energy deposited at an exact level 0.5-3.5mm
- Very Thin and Insulated Microneedle, Minimal risk
- Thin and Insulated Microneedle with less pain
- 3 Tip options 25pins, 49pin, Nano 49pins suitable for face and body
- Minimal down Time



25 Pin



49 Pin



49 RF



Color LCD touch screen

15 inch

**Wide parameter choice
for various treatment areas**

Level RF time and depth



Technical Specifications

Energy Type	Bipolar Radio Frequency
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RF Level	1 - 10
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Depth	0.5 - 3.5 mm (0.1 step)
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RF-Time	10 - 1000 ms
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Electrode Diameter	0.2mm
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Length Insulated tip	0.3mm
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Frequency	1 MHz
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Needle	49-pin 10.5 x10.5mm
	25-pin 10.5 x10.5mm
	49-RFNano 10.5x10.5mm

Electrode Diameter	0.2mm, Nano 0.6mm
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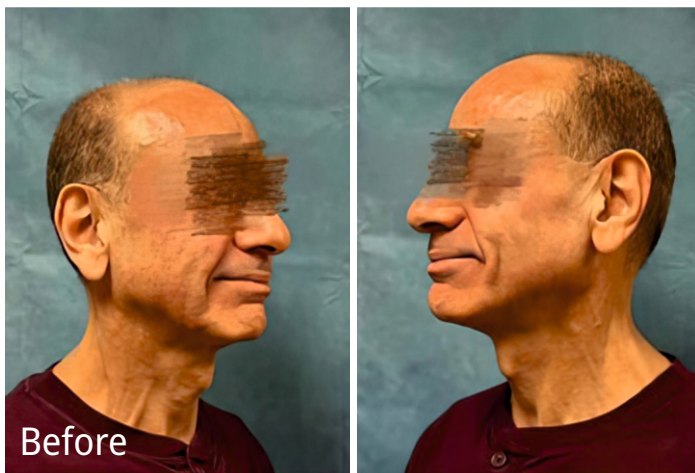
Switch	Foot Handle
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Display	15 inch LCD Touch Screen
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Consumption	180 W
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Consumable	Microneedle Tip
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• Before and after treatment



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