



**021-22321127**

**09120783350**

MULTiTech model is specially designed to deliver RF energy directly to the epidermis or dermis skin layer. This stimulates and re-models collagen effectively by either **RF micro-needling mode (invasive)** or **RF matrix mode (non-invasive)**. It can be used for both epidermal and dermal applications in one platform, without changing the operating environment.

HIFU has many aesthetic benefits including:

- ✔ **Wrinkle reduction**
- ✔ **Tightening sagging skin on the neck**
- ✔ **Lifting the cheeks, eyebrows and eyelids**
- ✔ **Enhancing jawline definition**
- ✔ **Tightening of the décolletage**
- ✔ **Smooths and fully rejuvenates the skin**



**No-Needling**



**Micro-Needling**



**Easy-touch  
Screen**



**RF Lipolysis**



**Foot  
Switch**

**Tightening Lift RF**



**Hifu**

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Fractional RF

Micro-Needle

Treatment area :

Middle & Lower Dermis

Fractional RF

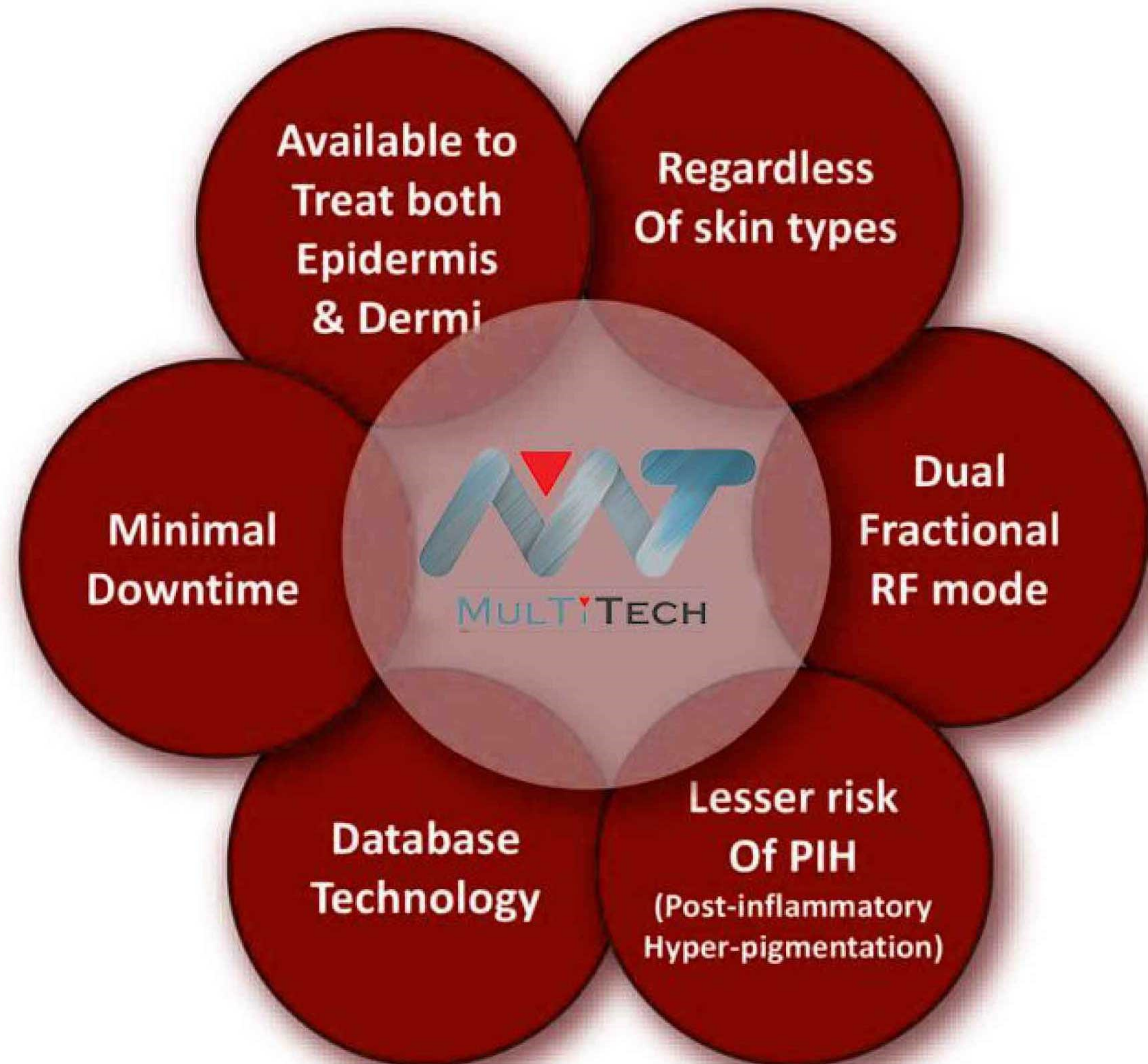
Sub-lative

Rejuvenation

Treatment area :

Epidermis &

Superficial Dermis



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### VACUUM HIFU (HIGH INTENSITY FOCUSED ULTRASOUND)

HIFU is focused ultrasound energy that facilitates skin rejuvenation in epi-dermis, dermis, SMAS layer and cellulite reduction in subcutaneous layer.

The thermal coagulation point reaches to 60~80° instantly on the intended depth. The energy leads to self-healing process (4 stages); coagulation - reactive - regeneration - remodeling



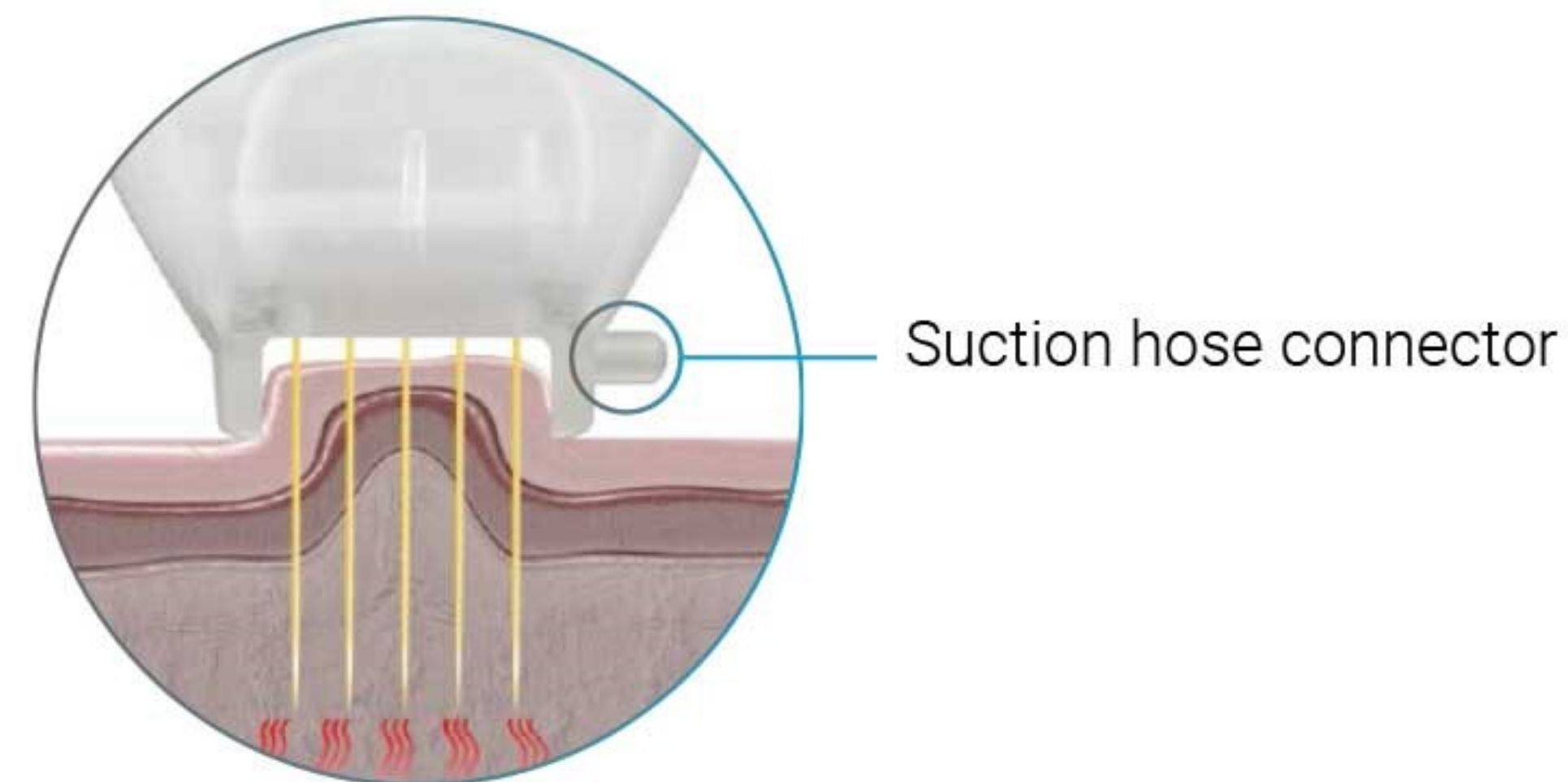


# Specification of MULTITECH

	Specifications
System Type	Bipolar RF
Frequency	2MHz
Total RF Treatment Level	Up to Level 10
Dual Operation Mode	Fractional RF Micro-needle Fractional RF Sub-lative
Max Energy	50W
Disposable Tip	Micro-electrode needle Micro- electrode tip
Depth of Needle	0.5 - 3 mm (Adjustable)
Cooling head	-10°C
Display	10.4 inch LCD
Switch	Foot Switch
Dimension(mm)	280mm(W) x 505mm(L) x 1100mm(H)
Weight	20kg

### ADVANTAGE OF VACUUM

Suction makes precise, stable, safe, effective target treatment.



It doesn't need to pinch or crush the skin to make the skin surface evenly.

### AFTER 1 SESSION



Before



After

### AFTER 2 SESSION

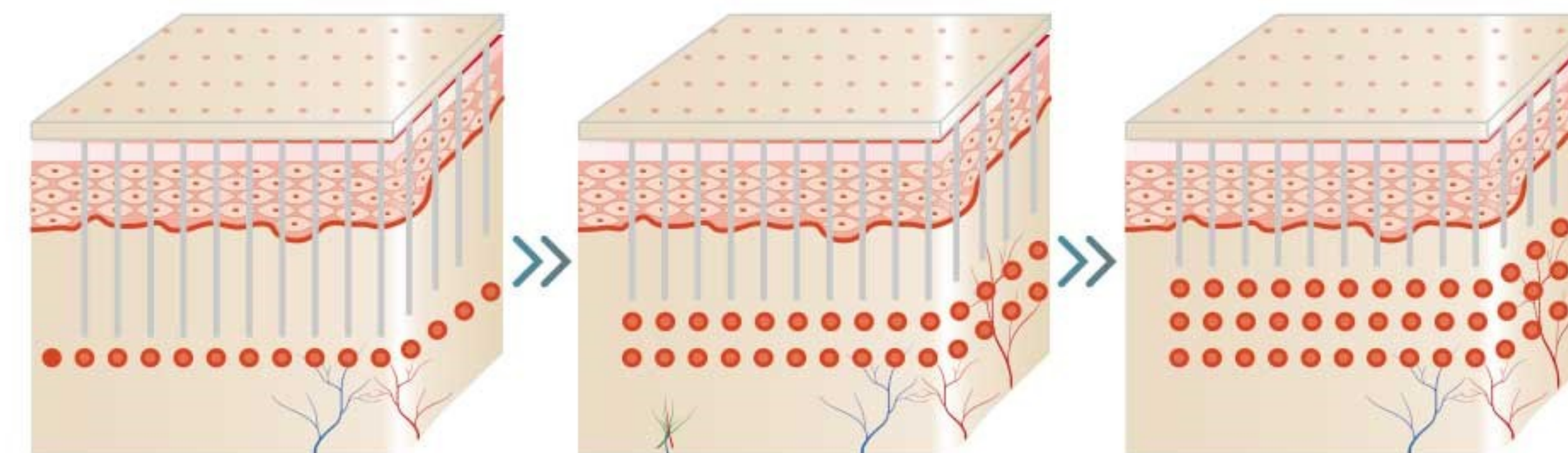


Before



After

### 3D FRACTIONAL MULTI-LAYER TREATMENT



Insulated needle enables multi-layer treatment with precise targeting RF treatment.

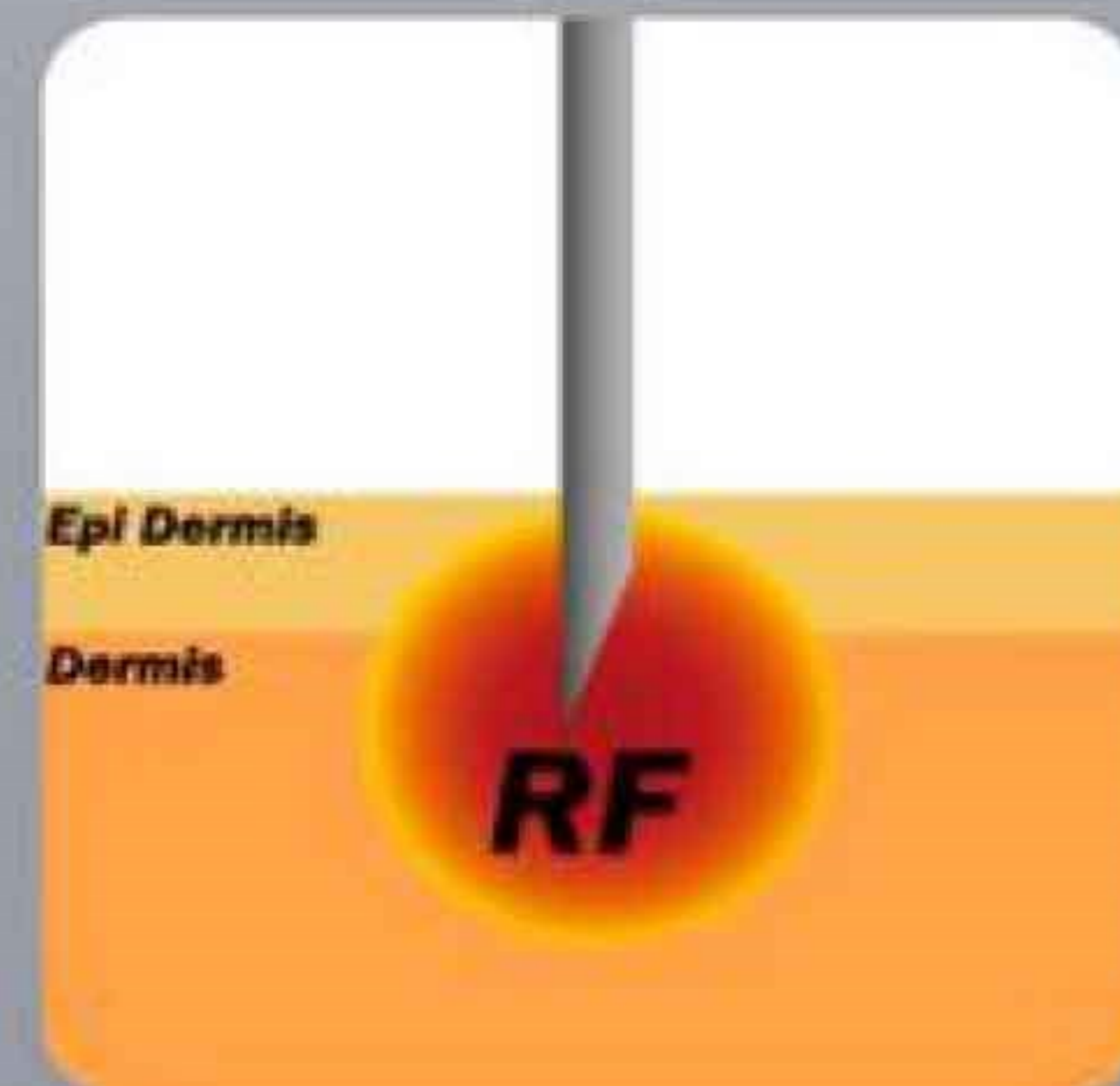
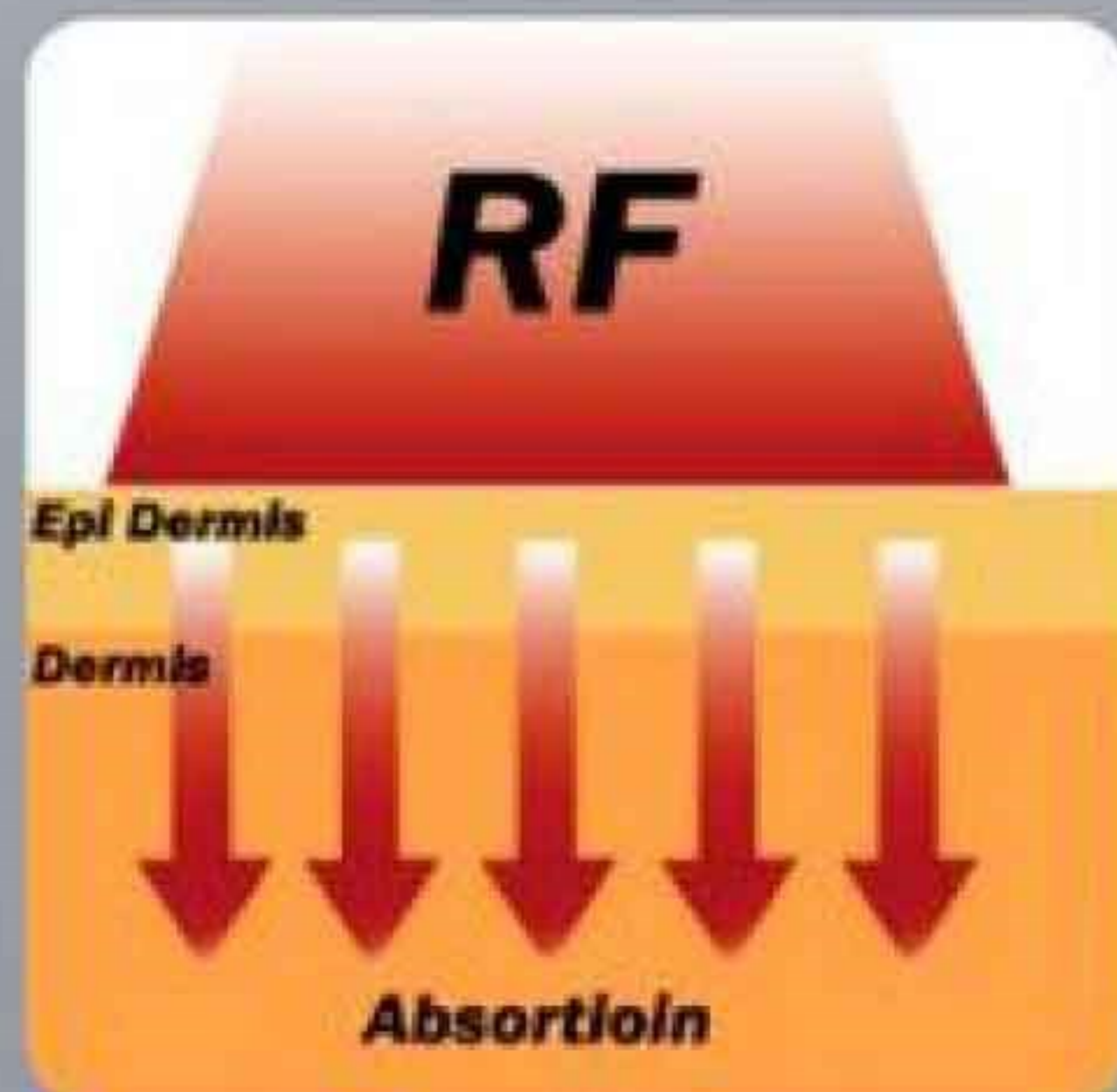
### SPECIFICATIONS

Frequency	50/60Hz
Maximum Output	Max 35watt
Dimensions	410 × 290 × 90mm
Rated Voltage	AC 100-240V (DC 5V, 2A)
Needle depth (adjustable)	0.5mm ~ 3.0mm (every 0.1mm)
Power Consumption	50VA

# RF versus Laser

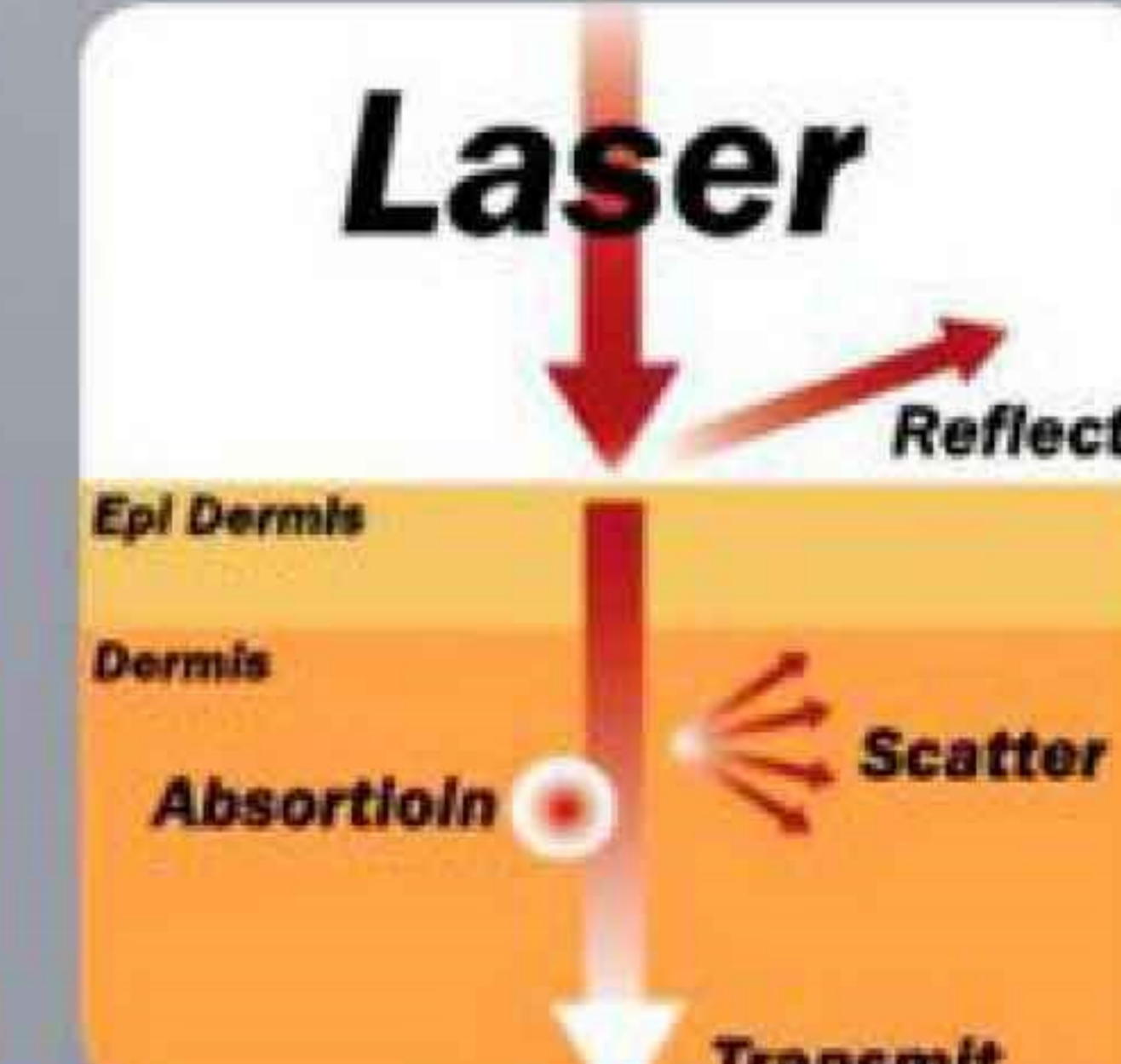
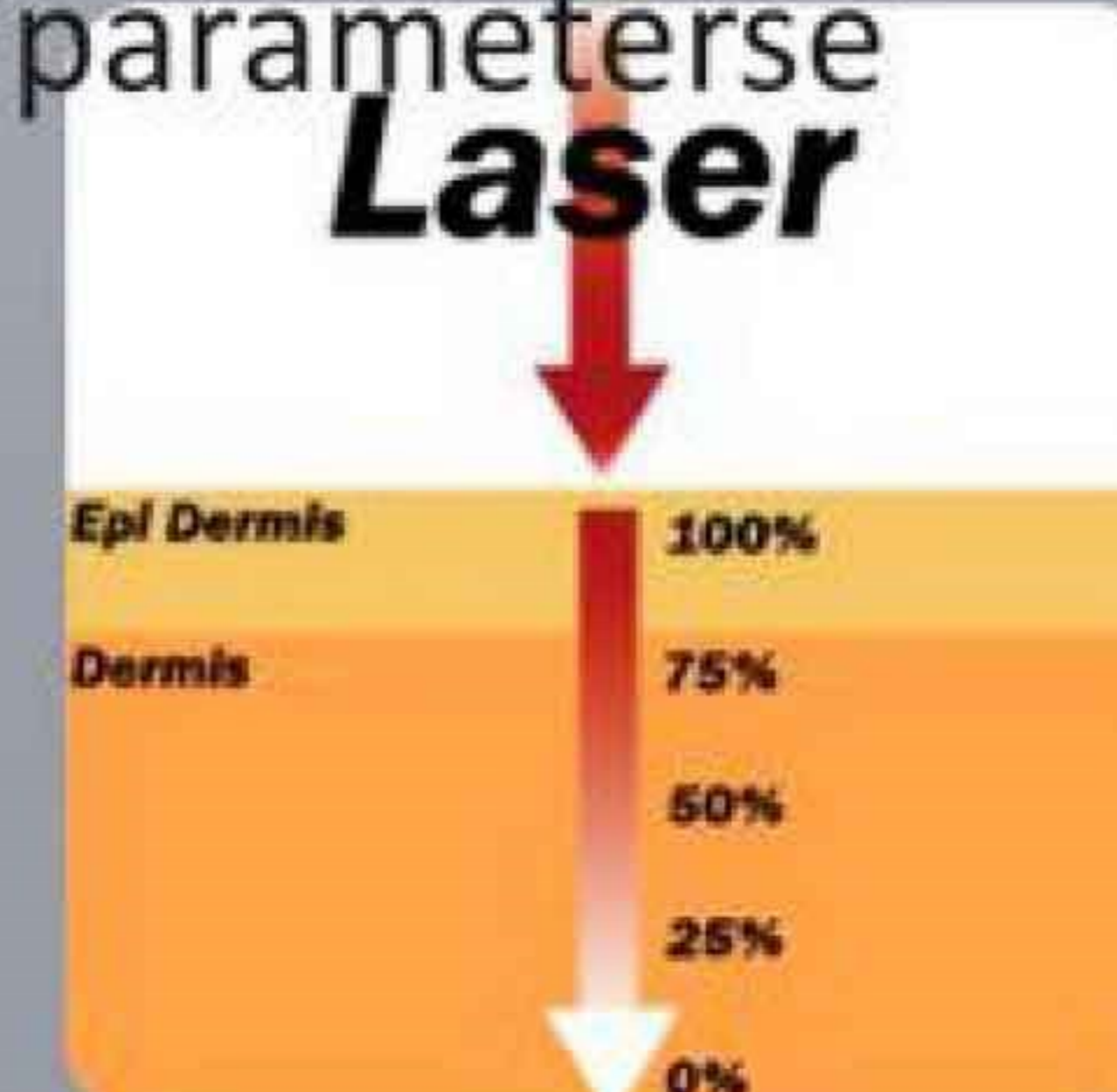
## Radio

- All skin types
- Easily penetrates target area
- Less side-effect risk
- Easily controlled depth
- Energy directly to target area with no energy loss



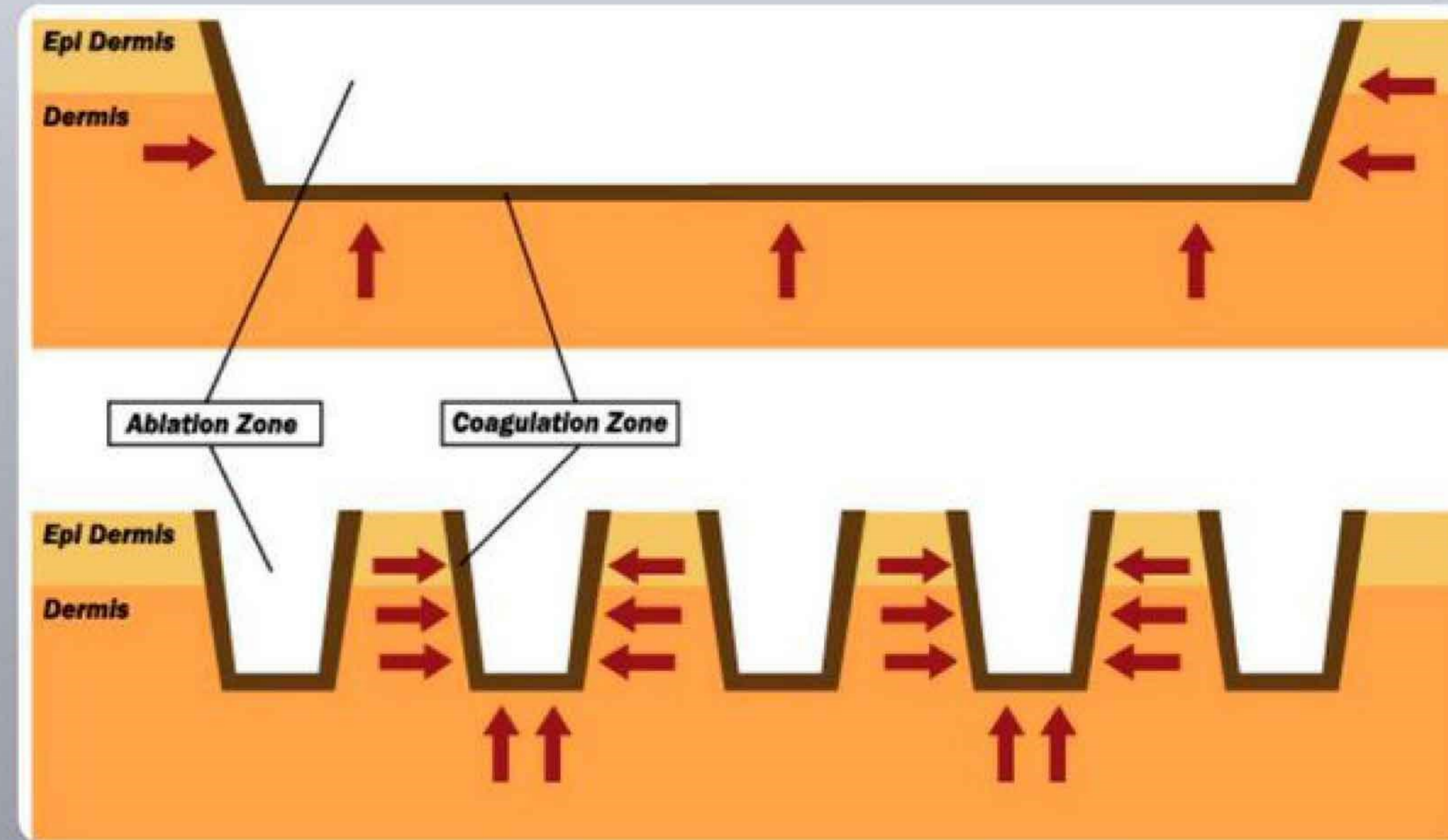
## Laser

- Selective laser absorption
- Penetrations vary per absorption rate for water, hemoglobin, melanin etc
- Depth control difficult
- Energy delivery to target area varies depending on many parameterse





# Advantage of RF fractional

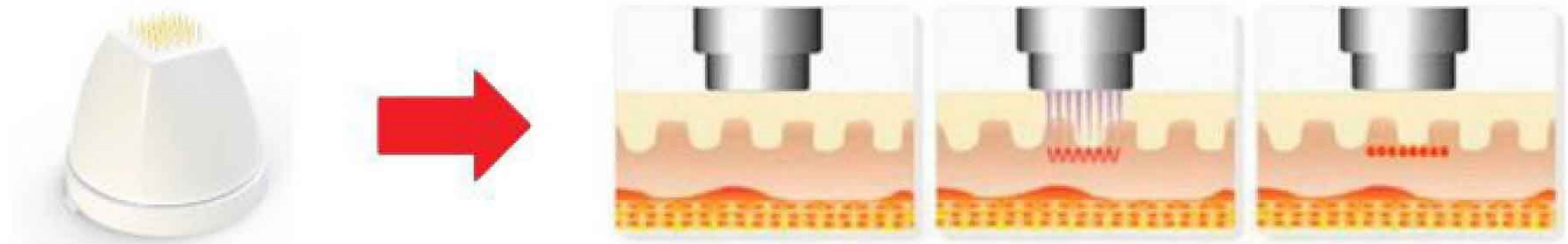


Fractional technology results in quick wound healing reaction from surrounding, undamaged tissue.

# MULTITECH

## Fractional RF Micro needle

- For invasive treatments.
- Effective, direct thermal stimulation to remodel collagen with less epidermis damage.
- Effective, direct thermal stimulation to remodel collagen with less epidermis damage.



Micro  
Needle  
(Direct energy  
delivery)

Radio  
Frequency  
(Thermal  
Damage )

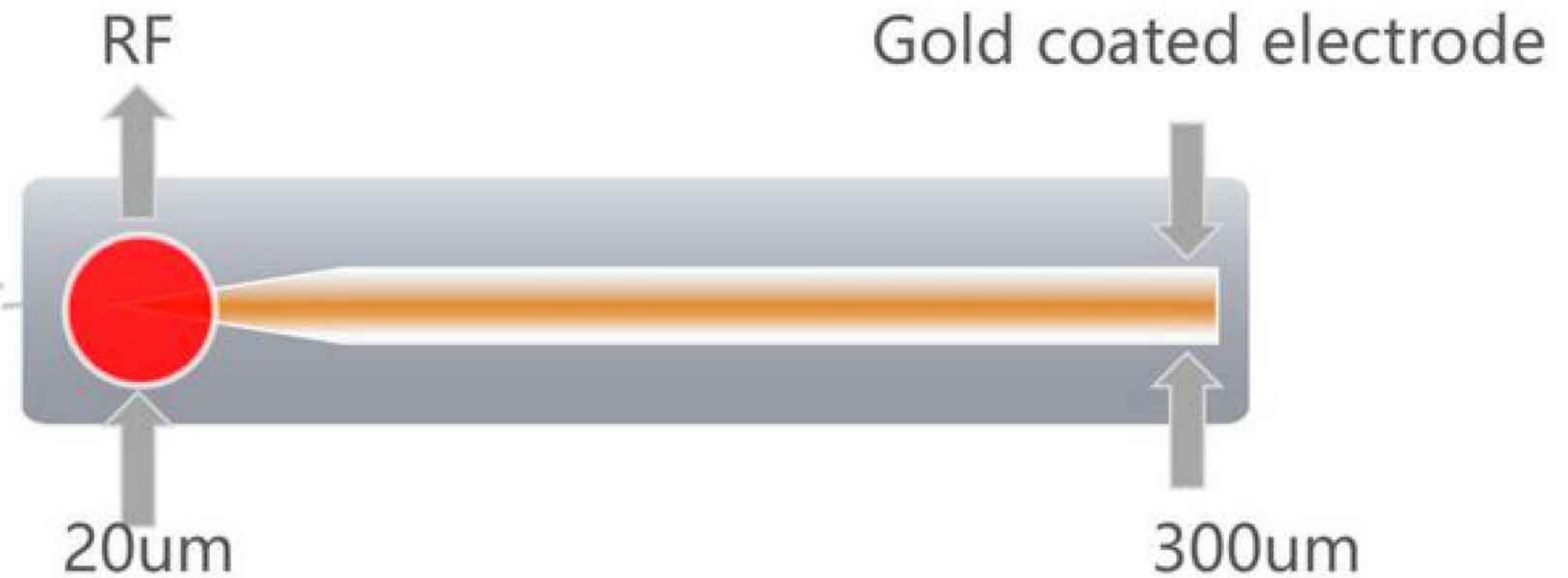
Satisfactory  
Results

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MULTITECH

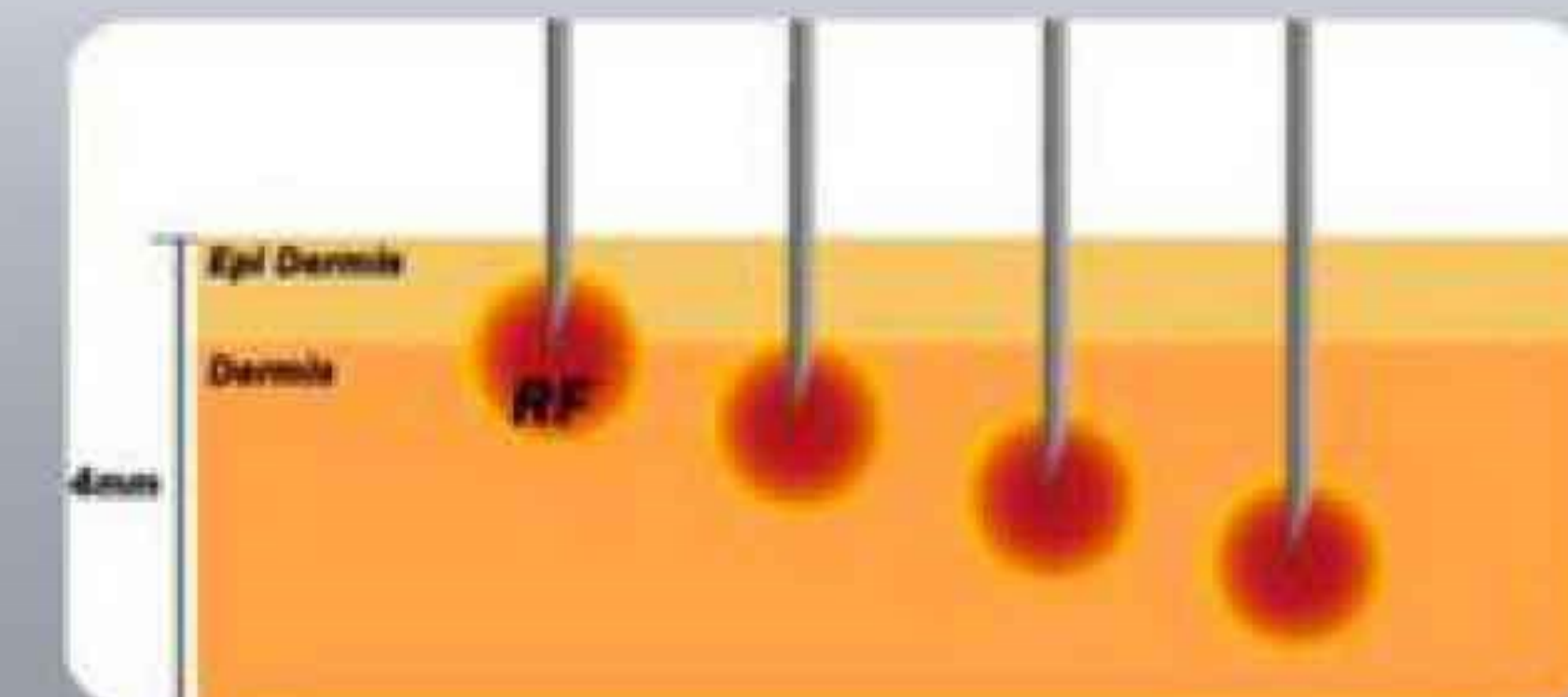
# Fractional RF Micro needle



- Micro Needle RF penetrates target area from epidermis to dermis without energy loss; stimulates and efficiently remodels disordered collagen.
- Step-motor driven mechanism enables precise, accurate penetration depth control.

## Needle Depth

Precision needle depth penetration adjustment between 0.5mm and 3.0mm, by 0.1 mm increments.



## Fractional RF Micro needle



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### Duration time & energy

Pinxel creates various energy fields, as per application. Emissions 0.1 sec to 0.9 seconds; intensity level range 1 to 10.



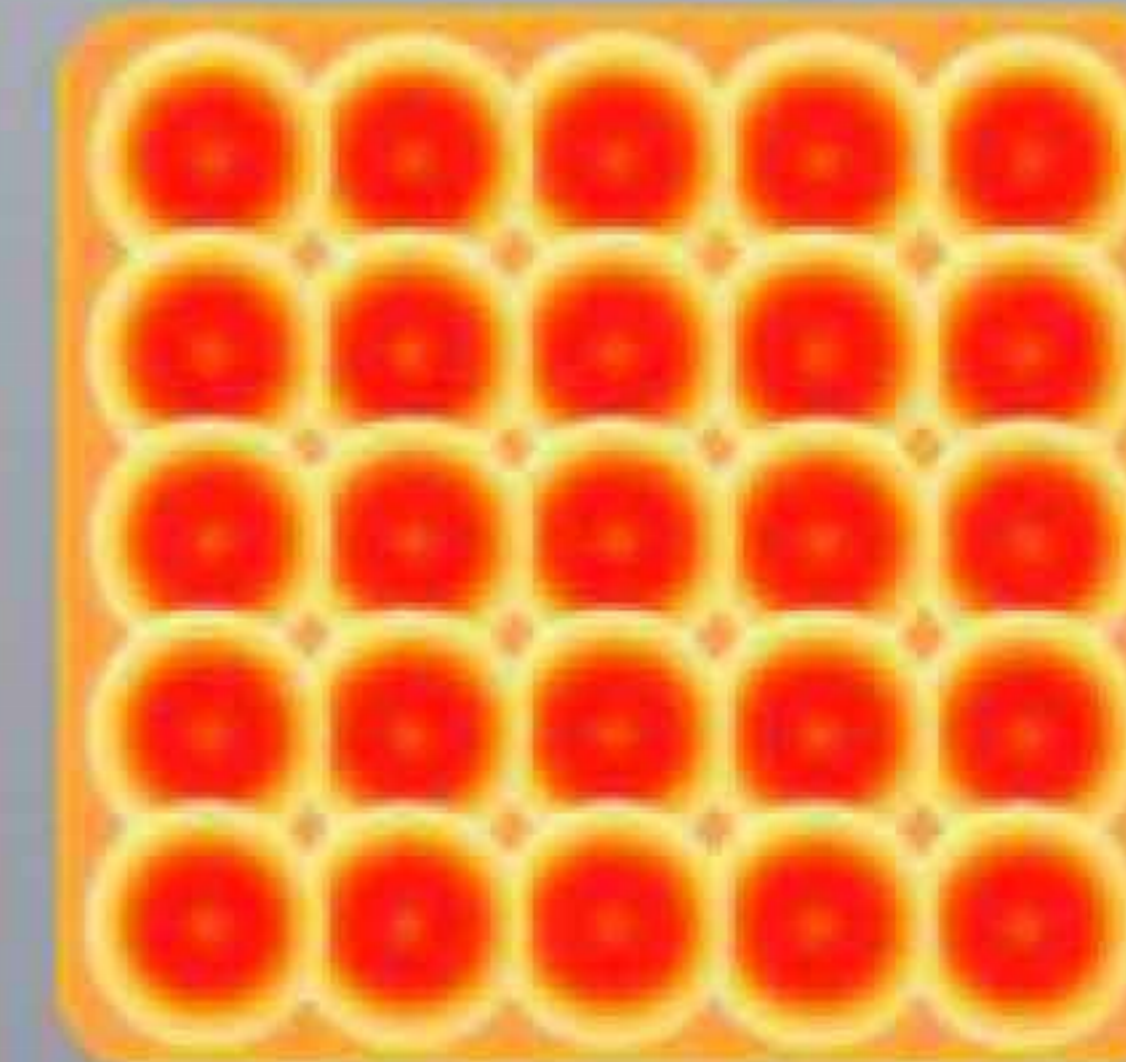
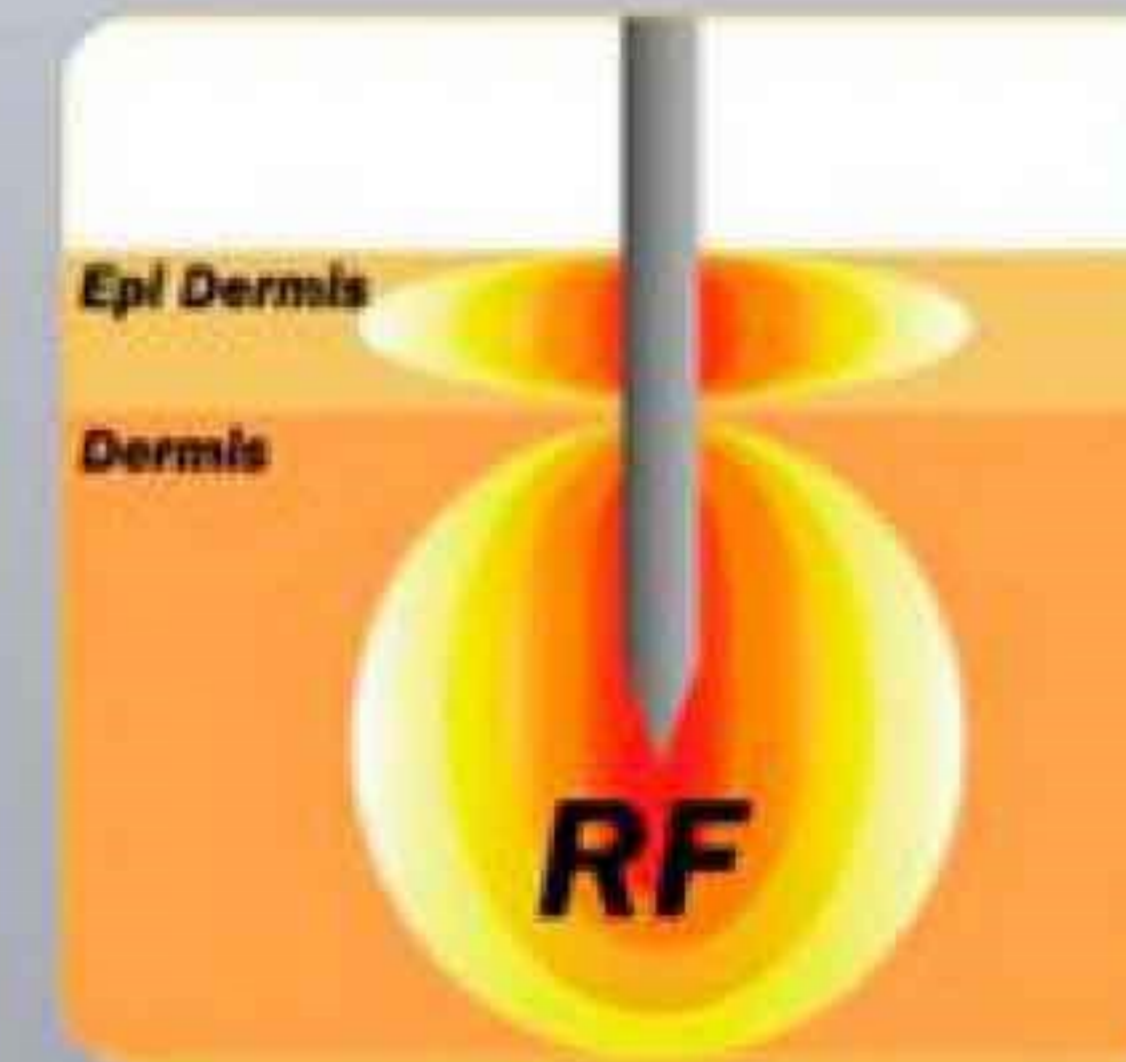
**Short time, High power**  
- Thick and Wide Old scar  
- High expectation.  
- **Burning, Fibrosis.**  
- **Painful, Downtown.**



**Middle Level**  
- Wrinkle & Tightening  
- Acne Scar  
- Facial & Neck Lifting

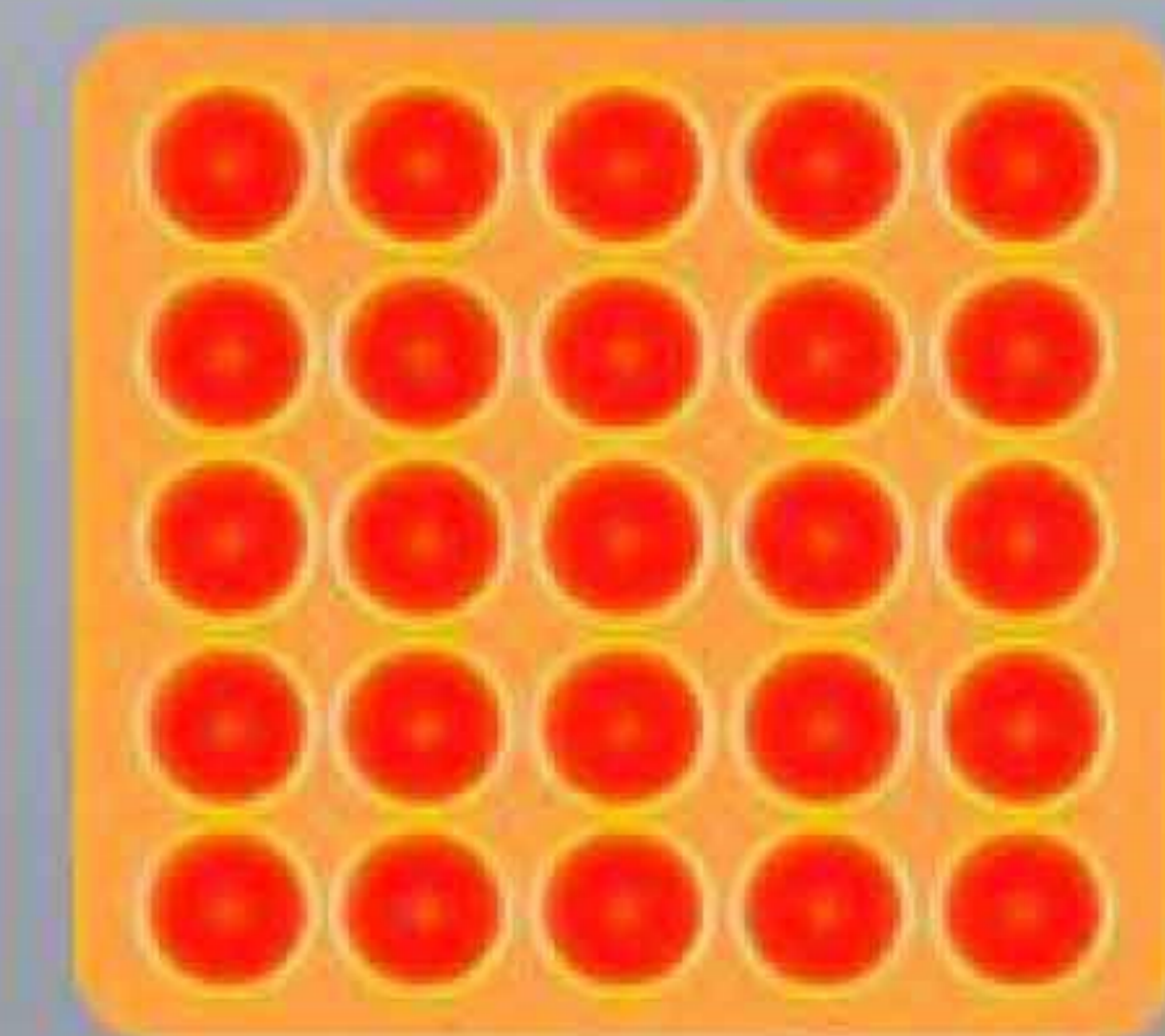
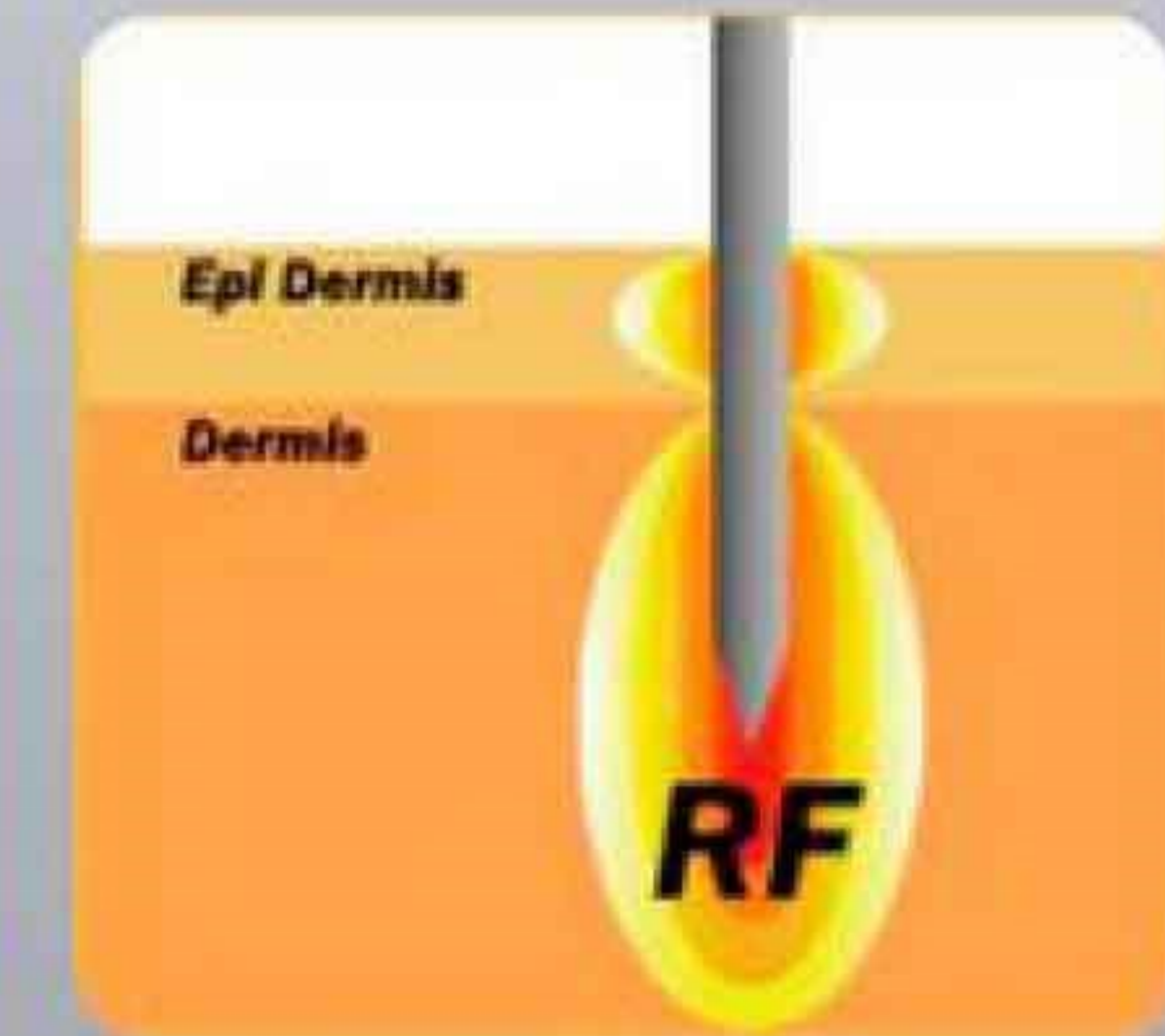
**Long time, Low power**  
- Pore, Active Acne  
- Skin Rejuvenation  
- No pain & Downtown  
- **but Lower than expectation**

Power 1.6  
(0.8 sec X Intensity 2)



Long time and  
Low Intensity

Power 1.6  
(0.2 sec X Intensity 8)

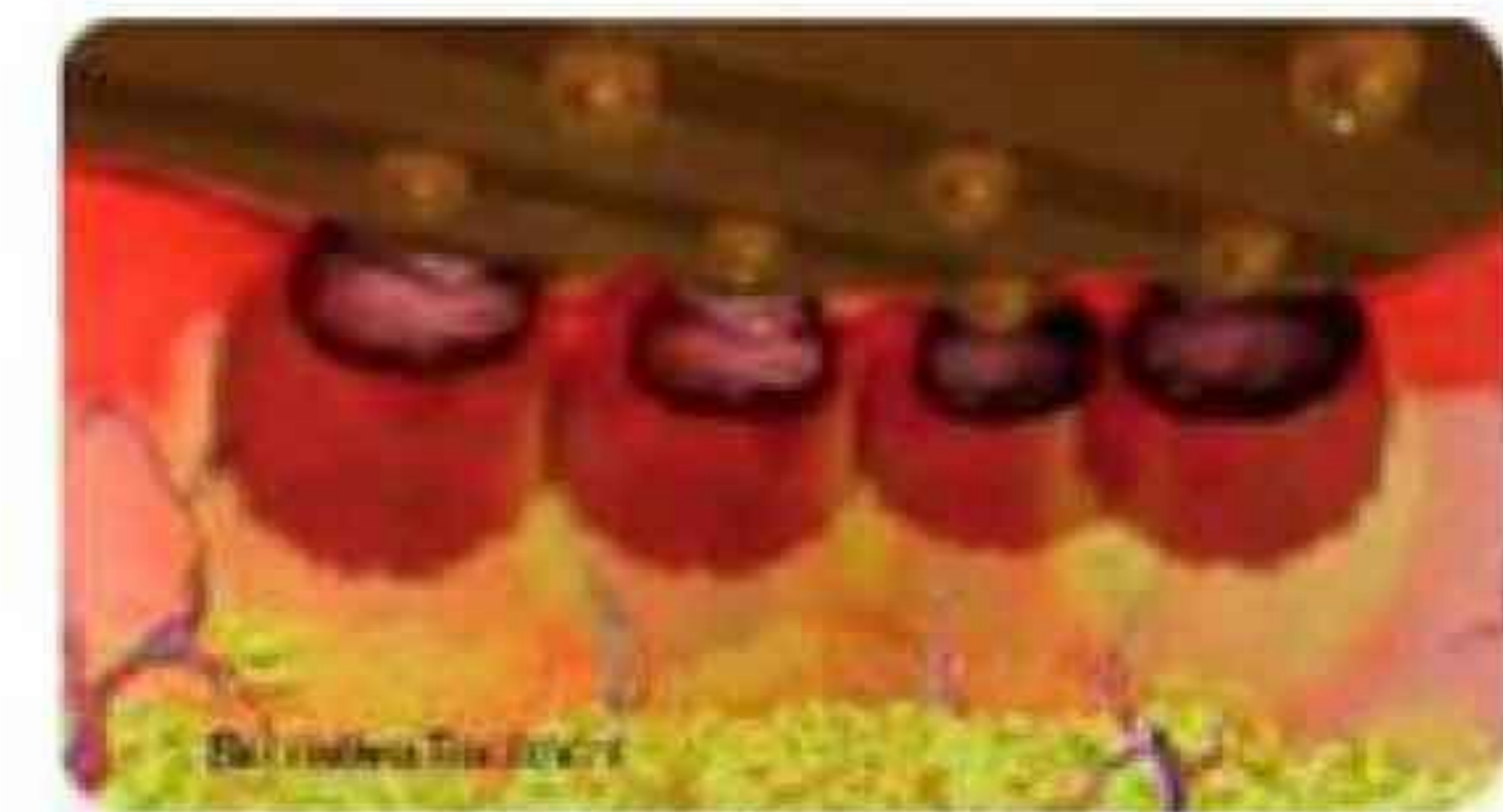


Short time and  
High Intensity

# MULTITECH

## Fractional RF

- Fractional RF delivers thermal energy to the treatment area more safely and effectively, allowing treatment regardless of skin type. The laser energy is mostly absorbed by melanin, especially in darker skin which contains a higher melanin content.
- Laser resurfacing can be damaging to the epidermal level, making dark skin laser treatment particularly risky. RF however avoids melanin targeting since it no longer depends on a light & laser energy to heat the skin, making Fractional skin rejuvenation a safe treatment method.



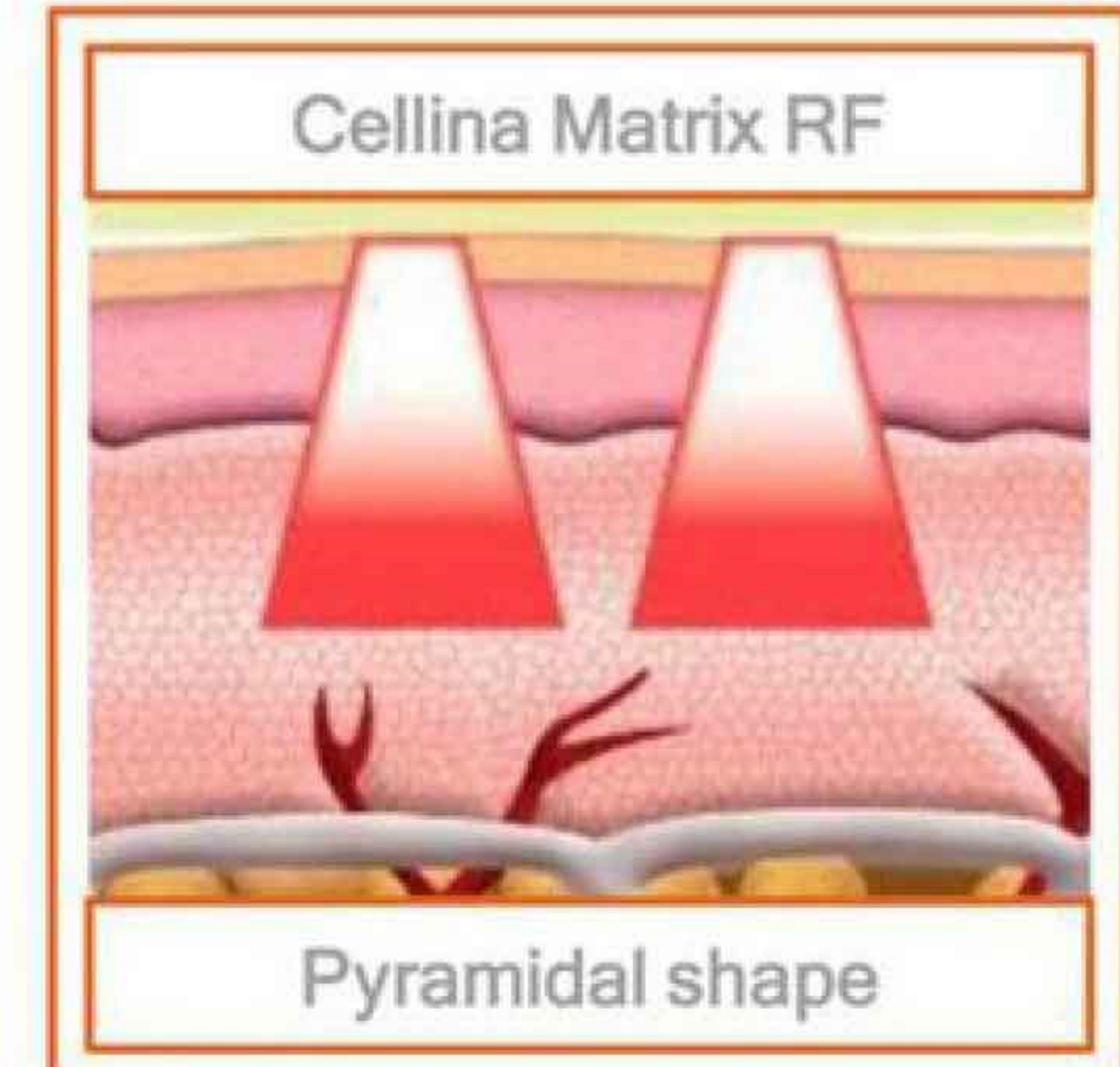
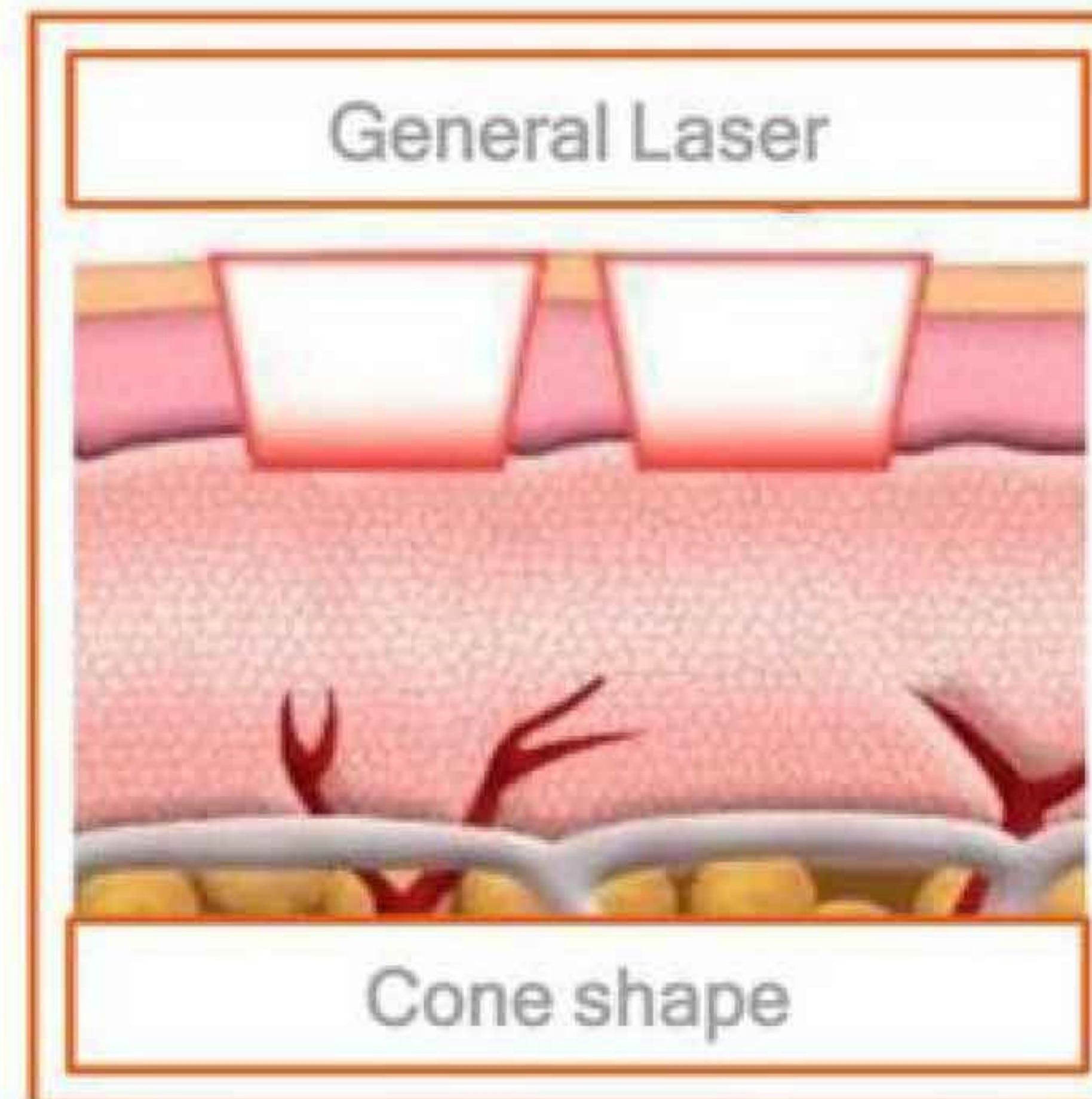
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Non-invasive Fractional RF provides significant lifting effects.

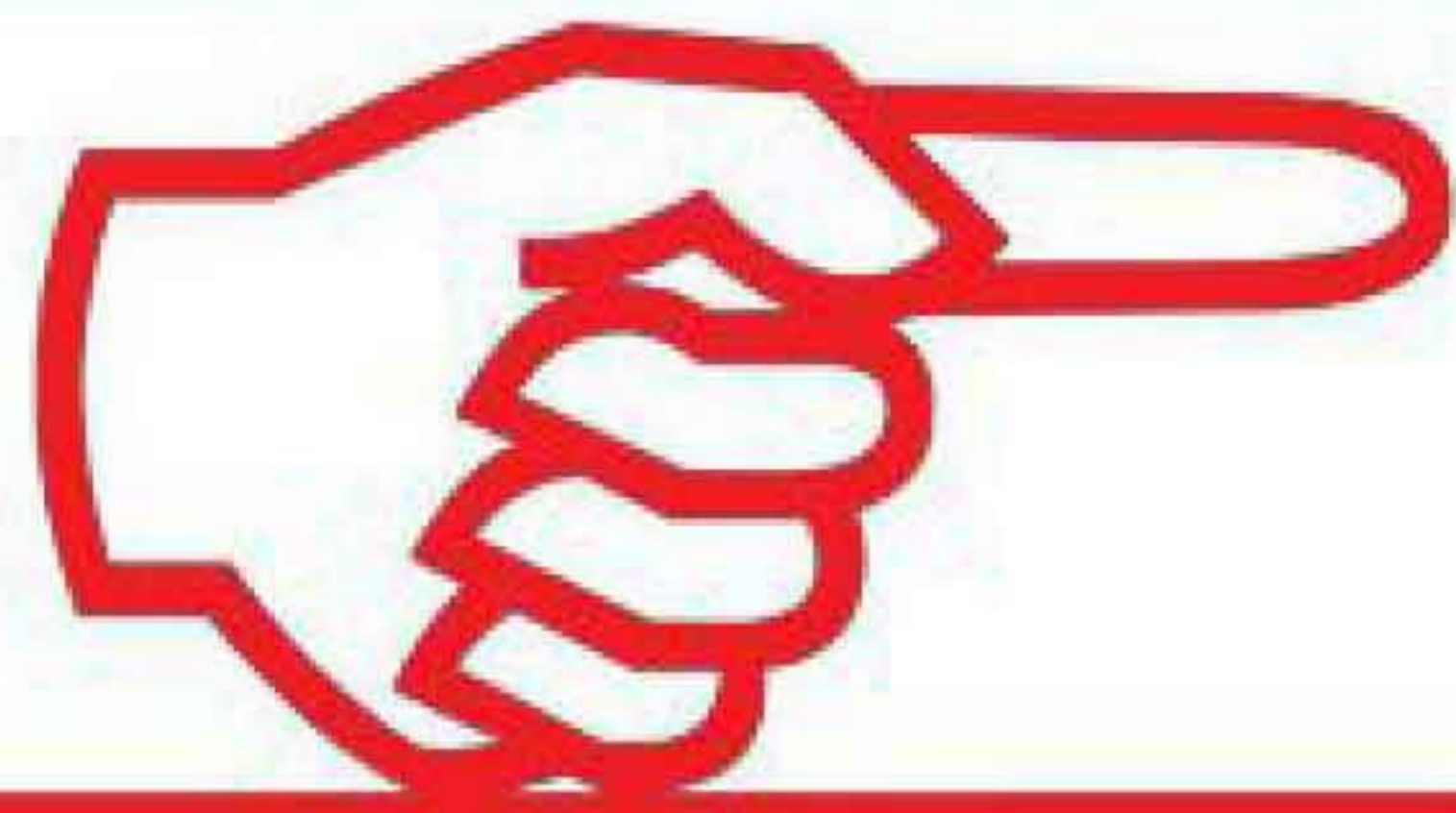
## Fractional RF

- Laser energy penetration is weakened by any absorption of water, hemoglobin, melanin, etc. but RF energy penetrates the target area without absorption.
- Energy pores on surface of skin are closely connected with period, so smaller pores equals a shorter recovery time.



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**Tips**

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## RF Needle Tip

No burn or side effect risk.

Better energy delivery results.

Easily controlled depth penetration.

Acne Scar, Large pore, Wrinkle, Skin tone,  
Skin Elasticity / Volume.

## Fractional RF Tip

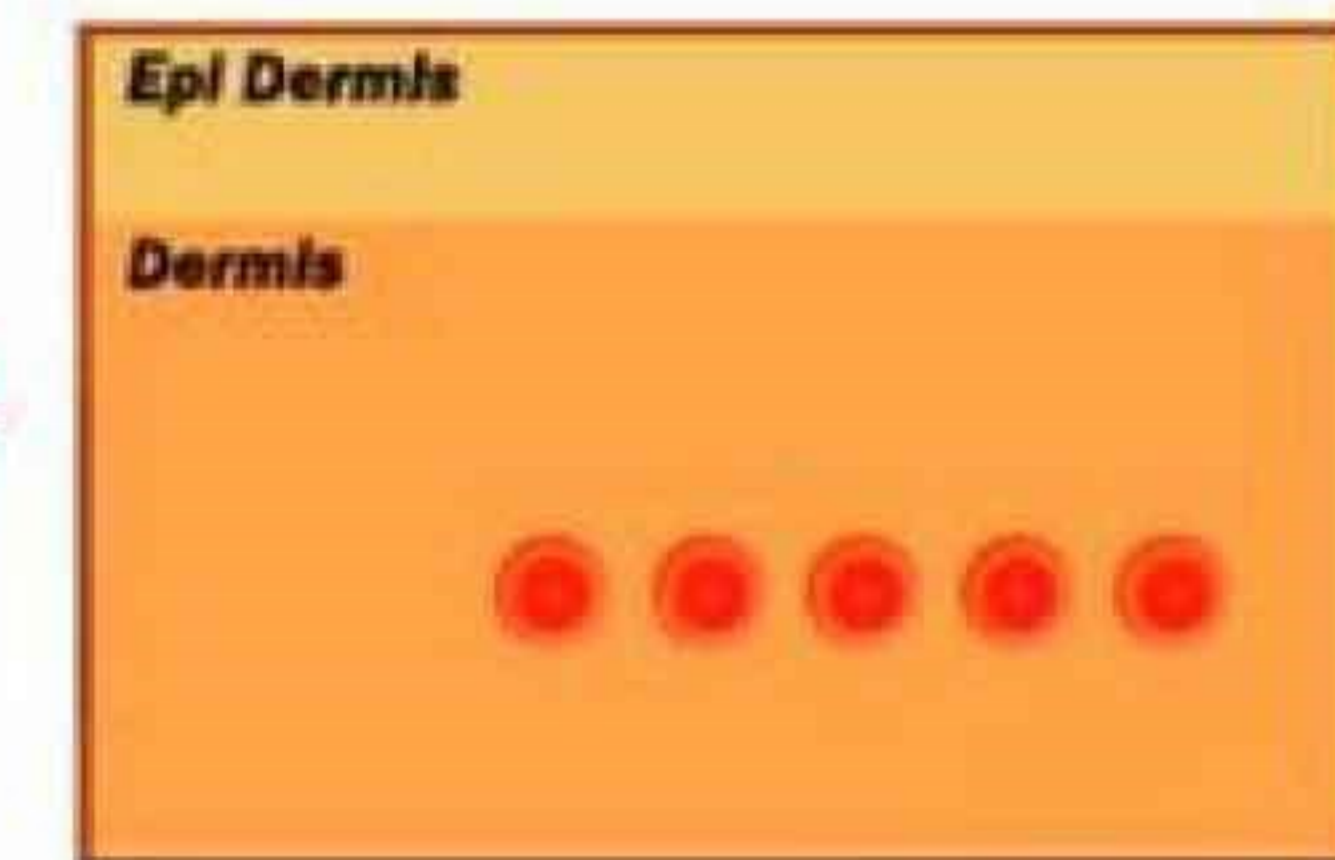
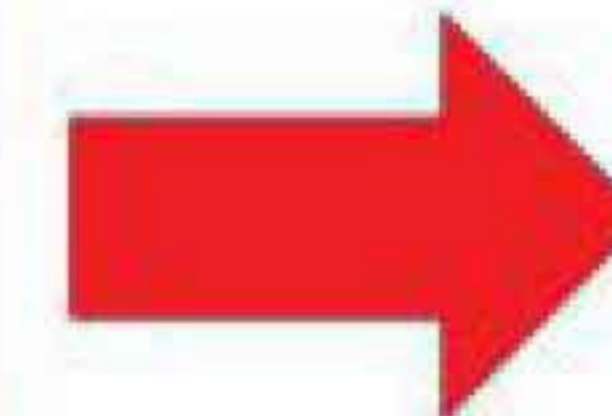
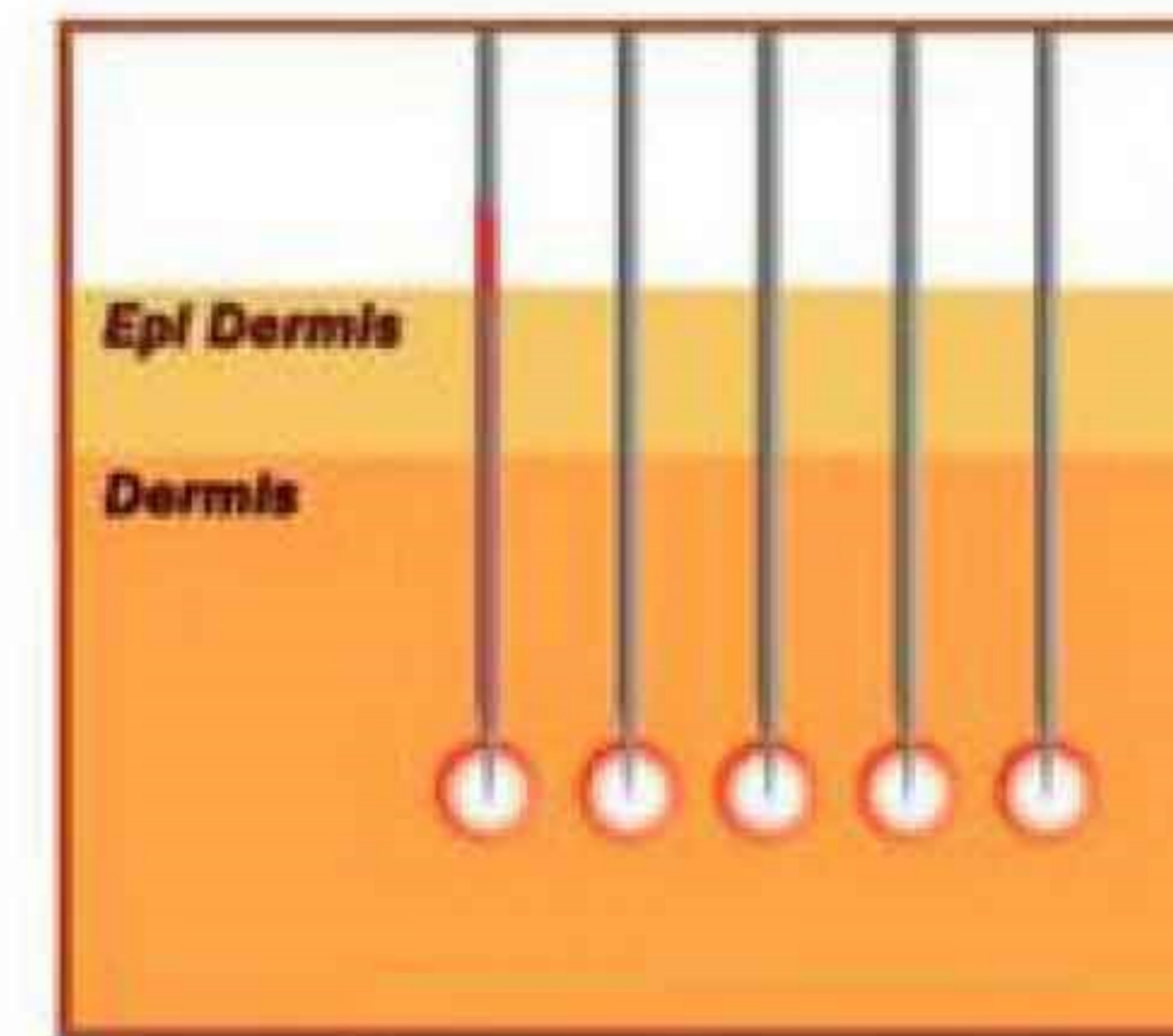
Less pain, shorter recovery time.

No risk to sensitive skin.

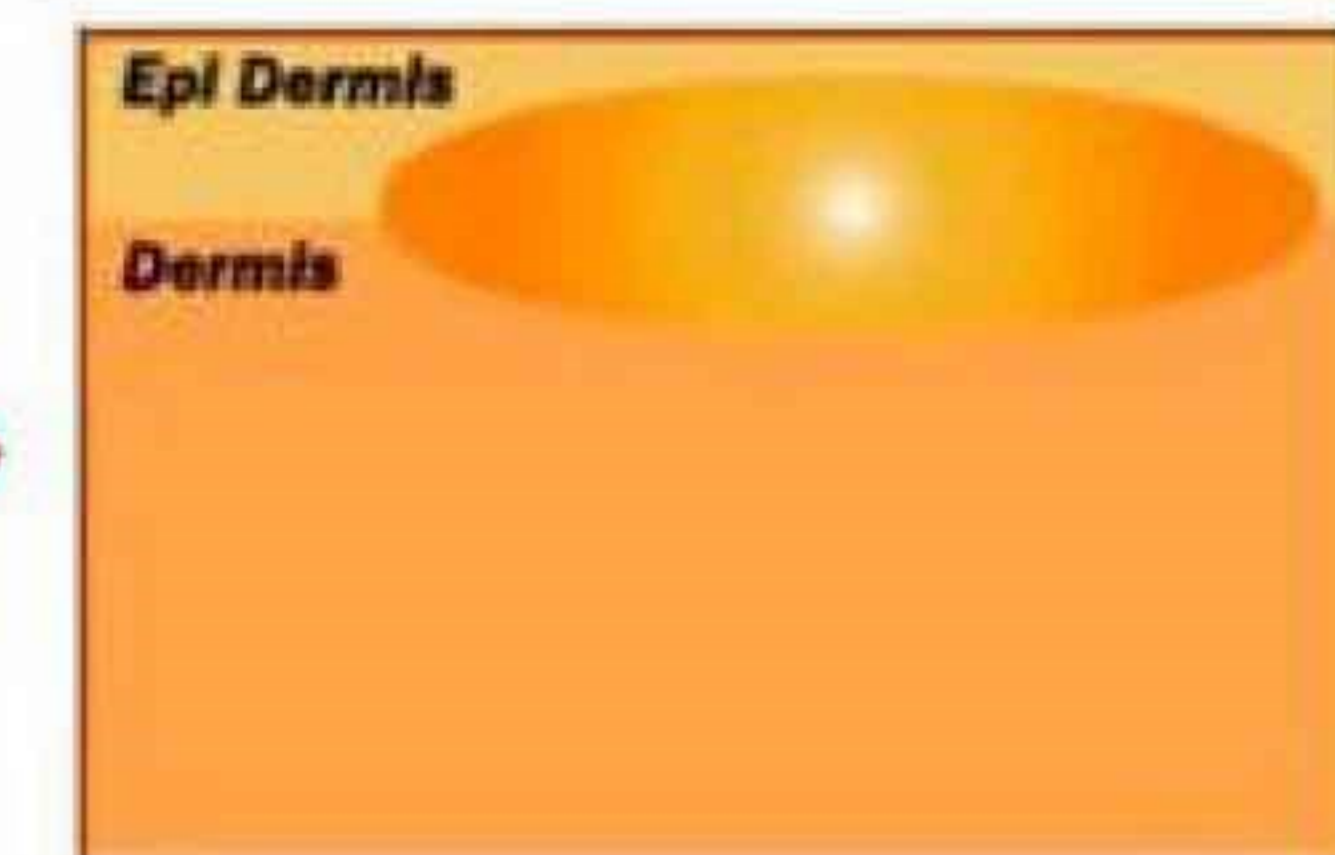
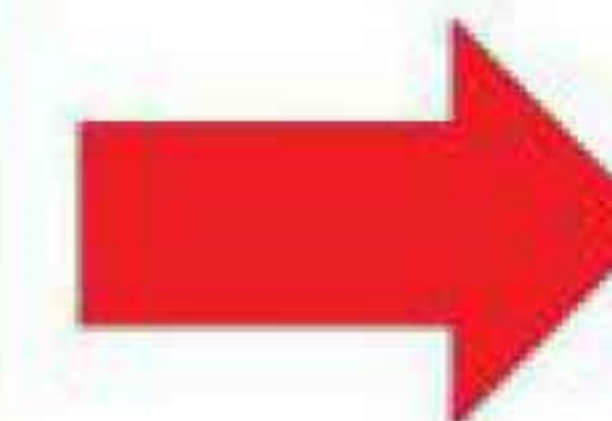
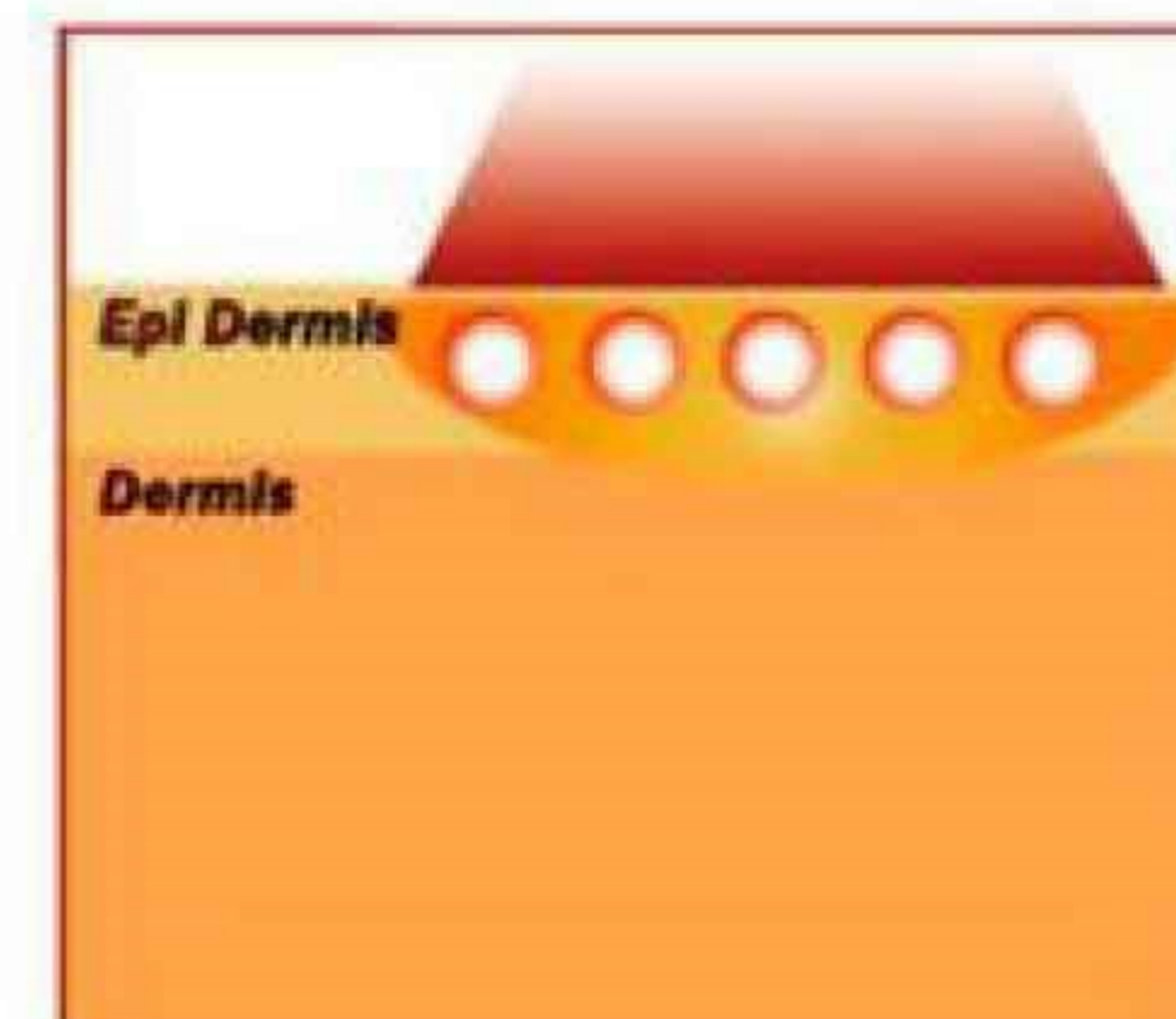
Deep heat for immediate effects.

Skin texture, Large pore, Fine Wrinkle,  
Lifting, Skin Tightening.

### RF Needle Tip



### Fractional RF Tip



Micro Needle RF		Matrix RF	
Energy source	RF(Radio Frequency)	Laser Type	RF(Radio Frequency)
RF Output	Max. 30 W	RF Output	Max. 50 W
RF Electrode	Bipolar / Monopolar	RF Electrode	Bipolar
Spot size	12 x 12mm(25pin) 20 x 20mm(49pin)	Spot size	12 x 12mm(64pin)
Repetition Rate	0.5-3.0sec. & manual		
Penetration depth	0.5 — 3.0mm	Penetration depth	—
Duration Time (Emission)	0.1— 0.9sec	Duration Time (Emission)	0.1— 0.9sec



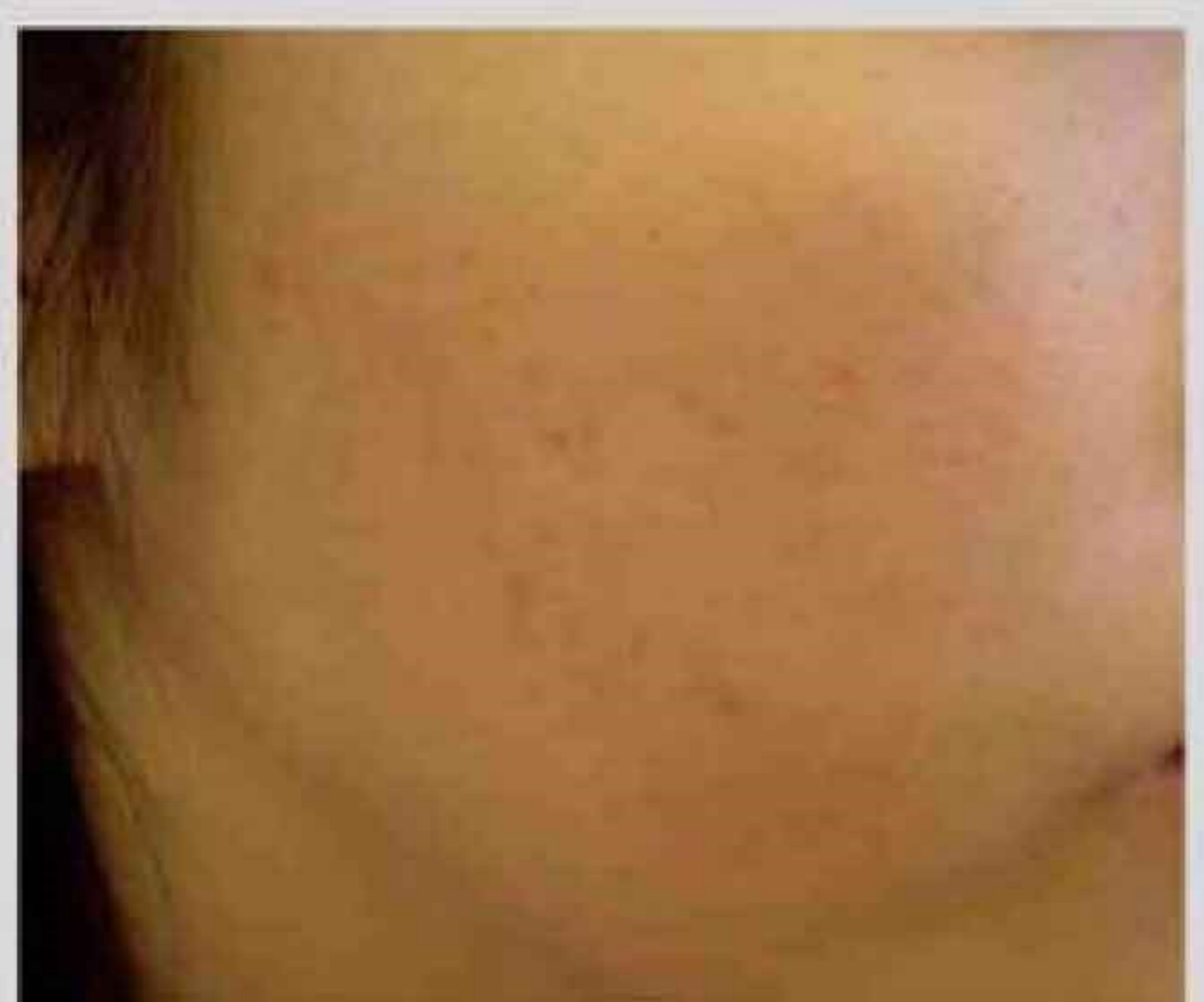
# Treatment Result

Before

After

Before

After





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Mashhad, km 12, Asian Road - Science and Technology Park

[www.faragard.co](http://www.faragard.co) [fanavari.tech@gmail.com](mailto:fanavari.tech@gmail.com)

Skin  
Rejuvenation

Wrinkle  
Remover

Scar  
Removing

Skin  
Lifting

Skin  
Tightening

