

## THE SECRET OF MULTI-PLATFORM RF SYSTEM

Secret RF is well systemized for RF based multi-platform system creating individual fractional multiple and single thermo-coagulation technologies in one system. This standout multi-function system enables to increase treatment efficacy and reliability for various dermatologic conditions including anti-aging, acne, scars and thread vein.



### Micro needle Fractional RF technology

Secret RF uses precision 2MHz bi-polar RF and minimally invasive micro-needles in one technology to produce a powerful synergistic effect minimizing damage on the epidermis. Precisely controlled RF energy induces subdermal thermal effect and deep dermal thermal coagulation to selectively adjusted depth from 0.5mm to 3.5mm via patented non-insulated micro-needles. It is capable of greater heating and denaturing, which stimulates fibroblast of both subdermal and dermal layers and remodels the skin effectively. Furthermore, it can treat all skin type, even darker skin with low risk of side effects and PIH.

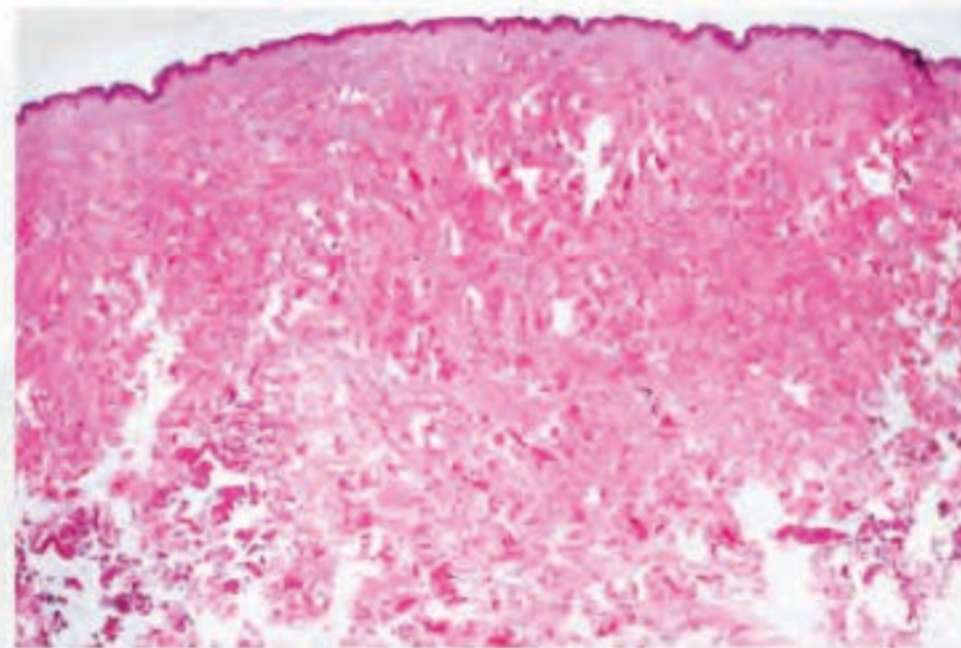


Figure1. Denaturation in deep dermis

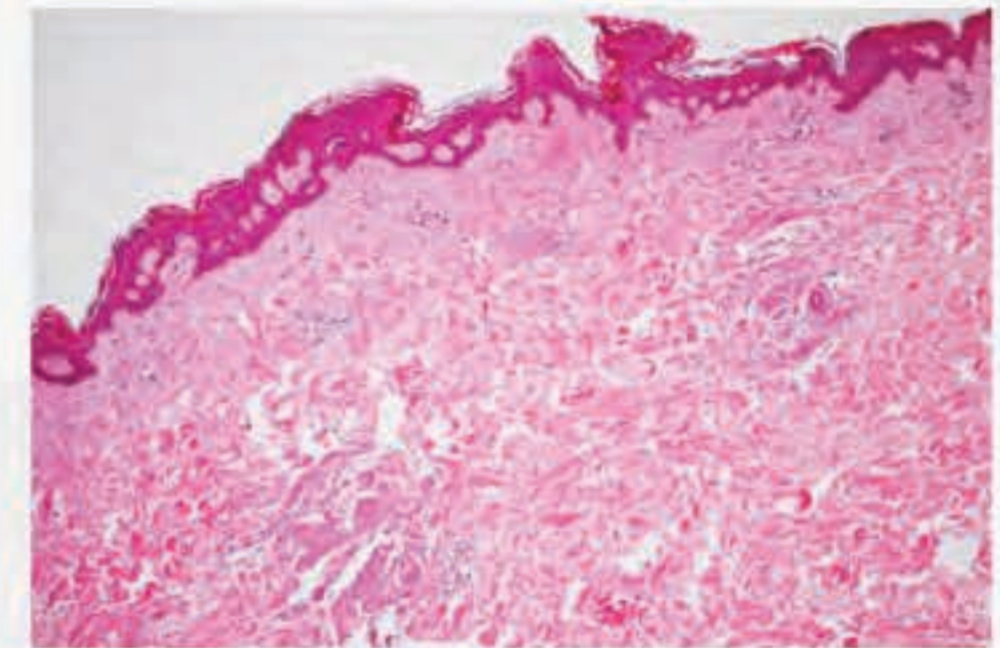
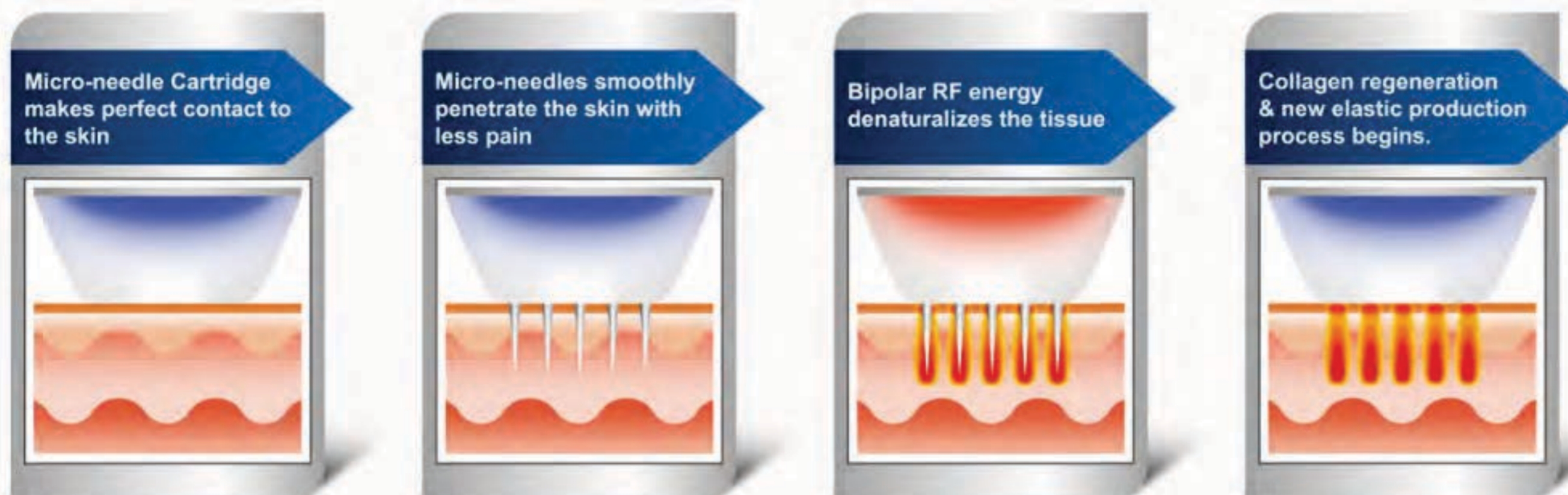


Figure2. Collagen a by wound-healing process in 2 weeks of treatment

### How Secret<sup>RF</sup> Works



# Various Needle Cartridges

Precisely controlled 2 micro-needle hand pieces are combined with various medical graded micro-needle cartridges to minimize discomfort and increase treatment efficacy for a wide range of indication on the face and body.

## Secret<sup>ST</sup>

Standard hand piece equipped with stepping motor offers smooth needle delivery capability with its extremely light weight that enables comfort treatment for both practitioners and patients with 25 & 10pin cartridges.

- Dimension ; 140 \* Ø40(mm)
- Weight ; 170g



### MTR-AC-25

25pin non-insulated micro-needle cartridges  
Treatment Area ; 10\*10(mm)  
Max Output ; 25watt  
Main Usage ; mostly main indication



### MTR-AC-C-25

25pin semi-insulated micro-needle cartridges  
Treatment Area ; 10\*10(mm)  
Max Output ; 25watt  
Main Usage ;  
Required for higher thermal effect at dermis/subcutaneous tissues



### MTR-AC-10

10pin non-insulated micro-needle cartridges  
Treatment Area ; 0.25\*18(mm)  
Max Output ; 25watt  
Main Usage ;  
stretch mark, naso labial folds, crow's feet

## Secret<sup>EX</sup>

High speed hand piece for expert offers faster needle motion technique that enables to treat faster and more precisely together with both standard and 64pin cartridges.

- Dimension ; 196.5\*Ø62\*Ø41(mm)
- Weight ; 500g



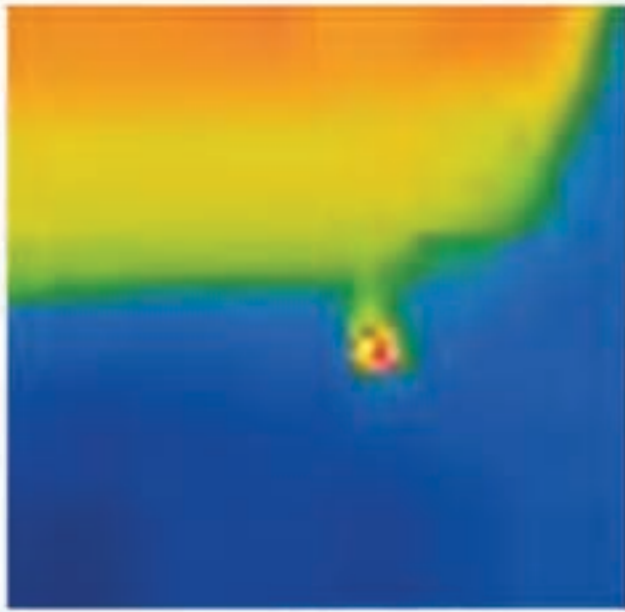
### MTR-AC-C64

64pin semi-insulated micro-needle cartridges  
Treatment Area ; 17.5\*17.5(mm)  
Main Usage ;  
Required for higher thermal effect at dermis/subcutaneous tissues



# Technical Highlight

Secret RF has several exclusive technical features that ensure even coverage of the target areas and maximum treatment safety for both practitioner and patient.



## Reliable and Effective Result

Secret RF is outstanding for its ability to deliver the most precise thermal effect to the correct depth of skin within minimal downtime. Furthermore, its non-insulated fine needles create the greater sub and deep dermal remodeling while stimulating 2 layers at the same time.

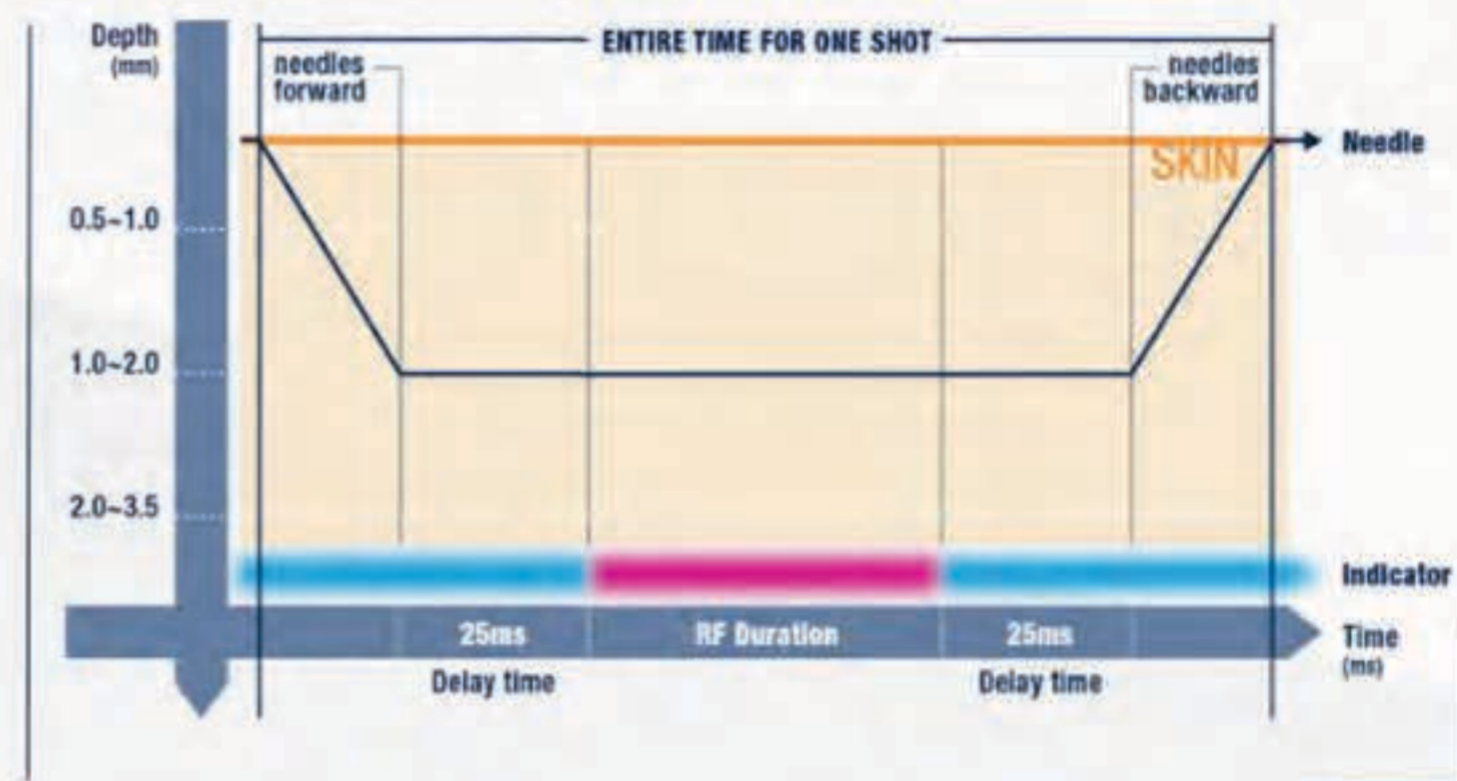
No epidermal burn – **only Thermal Effect**

## Minimal Discomfort and Uniform Thermolysis

Its finest medical grade needles show the highest smooth surface quality and durability that allows uniform energy delivery under even coverage of the target areas avoiding any unwanted damage on surrounding tissue as well as uneven coagulation.

## Precise and Safe Treatment

Delay time and visual indicator are for patient safety functions that hold the needles in the final position till RF emission is completely done. Generally, this exclusive motion control technology offers maximum safety by preventing any unpredictable damage to skin surface during operation.



## Advanced GUI



## Fast and Easy To Use

User friendly designed GUI offers effective preset parameters for various conditions to make it easy and simple to use for any practitioners.



AUTO mode



MANUAL mode

# SmartCure™ | Single Thermo-Coagulation Technology

SmartCure™ smart electro pen permits various thermo-coagulation techniques combining with single electrolysis needle and various nokor needles to treat a larger range of applications from thread veins, acne, wrinkles to depressed scars.



## K3i

Insulated single electrolysis needle (0.075mm), K3i can treat undesirable thread and spider veins by delivering the heating only to the target vein without risks of damage in the epidermis and surrounding tissue.

■ Ø 0.075(mm) insulated needle  
■ for thread veins



## AC-01

AC-01, insulated single needle will smoothly penetrate in the skin and generate the heating stimulation into the fibroblasts in order to improve wrinkles and skin texture by collagen regeneration and rearrangement.

■ 1.5mm insulated needle  
■ for acne



## 27G / 22G / 19G

Subcision technique combined with RF energy provides significant long-term improvement in scars by inserting a needle under the skin that is parallel to the skin surface and moving gently forth and back between the dermis and subcutaneous tissue.

■ insulated subcision needle  
■ for depressed scars



# Mono-Polar | Non-Invasive RF Technology



Mono-polar RF mode is for a non-invasive facial rejuvenation treatment that delivers its 2MHz monopolar radiofrequency energy into sub and deep dermal layers for collagen stimulation.

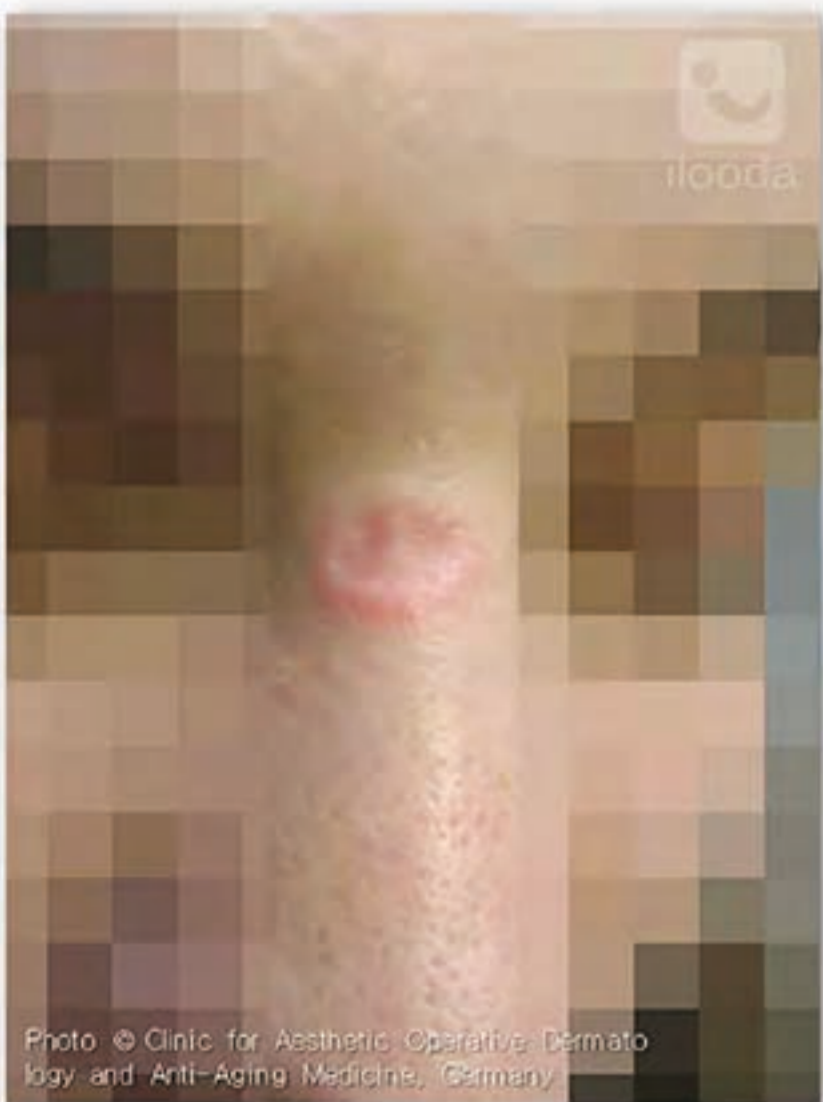




Before



After 2<sup>nd</sup> treatment



Before



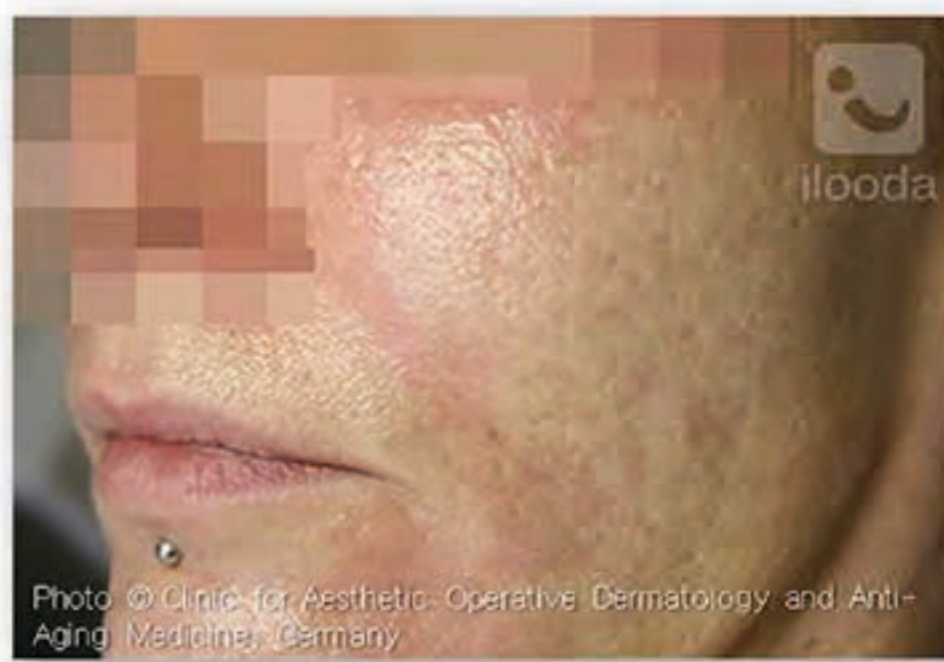
After 4<sup>th</sup> treatment



Before



After treatment



Before



45 days after 1<sup>st</sup> treatment



Before



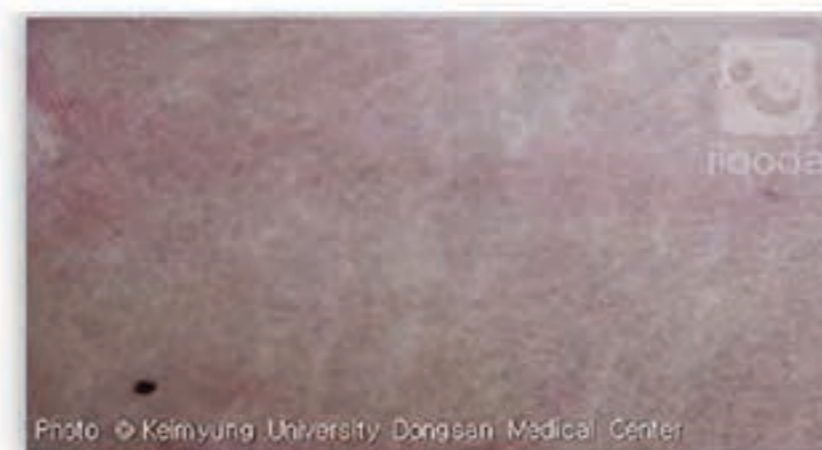
After 2<sup>nd</sup> treatment



Before



After 2<sup>nd</sup> treatment



Before



After treatment



#gonorthmedical\_derma



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