



HIFU(High Intensity Focused Ultrasound)



Irradiation Type	High Intensity Focused Ultrasound
Therapy Frequency	4.0 MHz, 7.0 MHz
Maximum Energy	3 J/cm <sup>2</sup> (4.0 MHz, 7.0 MHz)
Depth	4.0 MHz : 4.5mm (Standard), 13mm (Option) 7.0 MHz : 3mm (Standard), 1.5mm (Option)
Length	~30mm ( 1mm step )
Spot Size	<3mm
Image Frequency	5~10 MHz
Image Depth	20mm
Image Resolution	128 Channel, Linear Type, B-mode



High Intensity Focused Ultrasound

## Accurate targeting to SMAS by HIFU

Ultraskin tightens skin effectively by delivering thermal energy into SMAS layer, which is located in the deep skin. This is innovative lifting therapy and good for tightening.



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# Ultraskin

HIFU(High Intensity Focused Ultrasound)

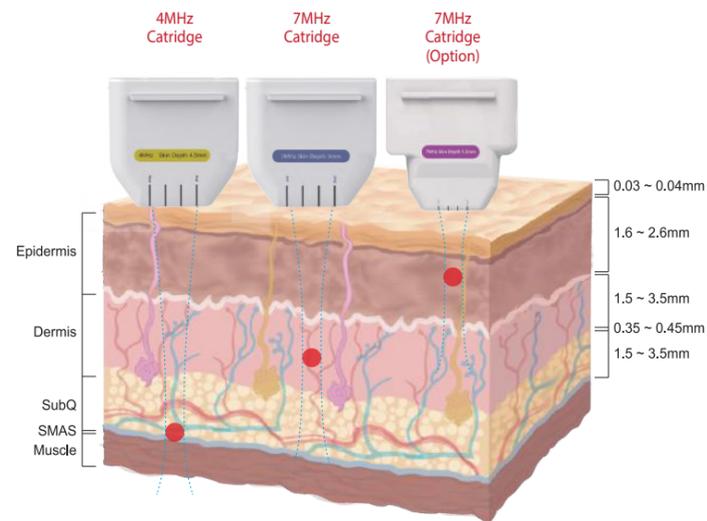
## What is the Ultraskin Lifting?

Ultrasound energy stimulates the SMAS Layer and deep dermis area without any skin damages.

The SMAS layer contracted by Ultrasound appears to be a immediate face lifting effect and stimulated dermis promotes the regeneration of elastic fibers.

## What is SMAS Layer?

Located between subcutaneous fat and muscle (4.5mm beneath the fascia). SMAS stands for Superficial Muscular Aponeurotic System, it is a term frequently used to describe face lift techniques. When skin is getting old, SMAS layer becomes weakened and stretched by gravity and it causes the wrinkles.



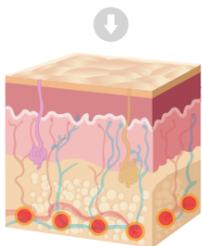
## Principle of Ultraskin Treatment

### [ Face ]

Frequency 4MHz  
Depth 4.5mm  
Spacing 0.7mm~3.0mm  
Length Up to 30mm

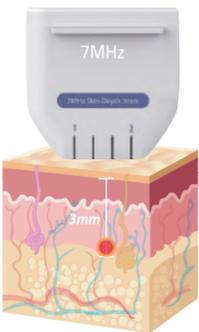


The coagulation points are made at **SMAS layer** by **4MHz cartridge**.

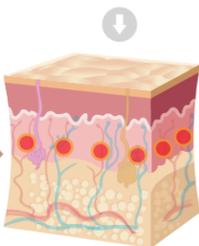


Shrinking SMAS layer makes skin lifted.  
**Immediate Skin Lifting Effects.**

Frequency 7MHz  
Depth 3.0mm  
Spacing 0.7mm~3.0mm  
Length Up to 30mm



The coagulation points are made at **Dermis area** by **7MHz cartridge**.



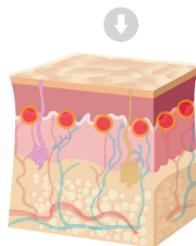
Stimulated dermis regenerates the collagen **Skin Rejuvenation Effects.**

### [ Body ]

Frequency 7MHz  
Depth 1.5mm  
Spacing 0.7mm~3.0mm  
Length Up to 15mm



The coagulation points are made at **Epidermis area** by **7MHz cartridge**.

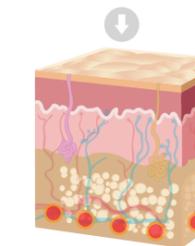


Stimulated Epidermis regenerates the collagen **Skin Rejuvenation Effects.**

Frequency 4MHz  
Depth 13mm  
Spacing 0.7mm~3.0mm  
Length Up to 30mm



The coagulation points are made at **SubQ layer** by **4MHz cartridge**.



HIFU penetrates into the targeted fat tissue and **break down fat.**

## Clinical Image



## Indications

- Loose skin around the neck & eyes
- Flattening of cheek bone area
- Wrinkles around mouth
- Downturned mouth
- Loose jowls

## Features

- Contraction of SMAS layer through HIFU
- Non-surgical face lifting and tightening
- Short treatment time, selective treatment by minimizing of skin damage.

## Q&A

### Q. How painful is this treatment?

A. It depends on patients and treatment area. You may just feel a little bit of tingling and warmth during the procedure.

### Q. How long does it usually take for the overall treatment?

A. The full face treatment usually takes around 15-20 minutes.

### Q. When does the effect come out?

A. The Ultraskin procedure provides the immediate lifting effect by shrinking SMAS layer. The maximum effect usually appears approximately 2 months after treatment, when the collagen remodeling gets started.

### Q. How long does the treatment effect last for?

A. The effects usually last for one and a half years depending on patients.

### Q. What are the precautions after treatment?

A. Some people might feel stiffness for one or two days, however it doesn't mean that the procedure causes a side effect. This is a natural feedback and you can put on your makeover right after the treatment.

