



SONORAMA HIFU SYSTEM

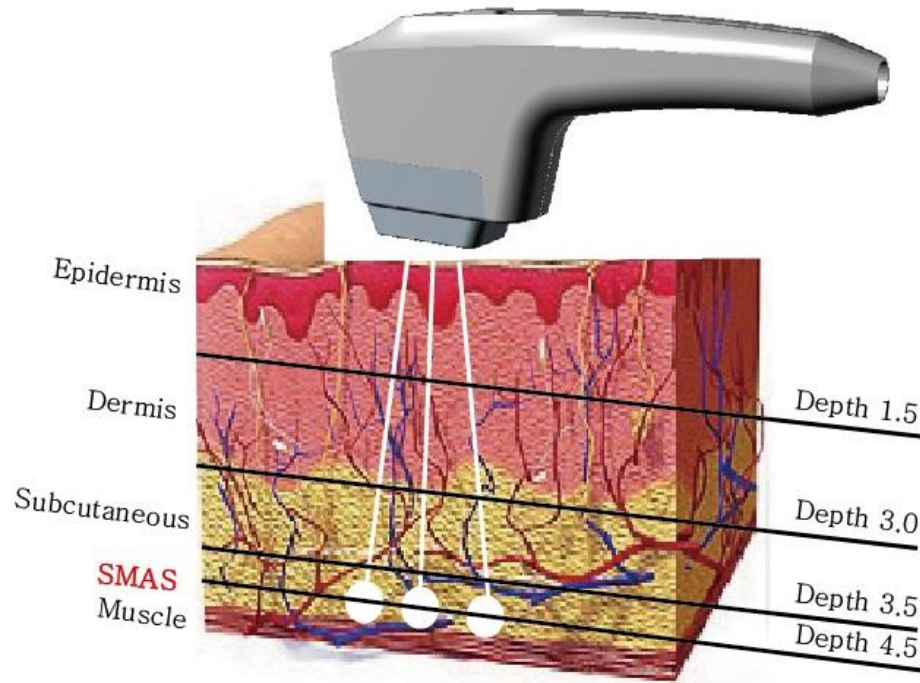
IDS LTD

01

HIFU PRINCIPLE

HIFU is based on the same principle of convex lens as burning on the paper with concentrated the sun's rays at its focus.

HIFU treatment makes tightening and regeneration of collagen into the skin as deliver the energy in skin fascia layer without damage on skin cell.



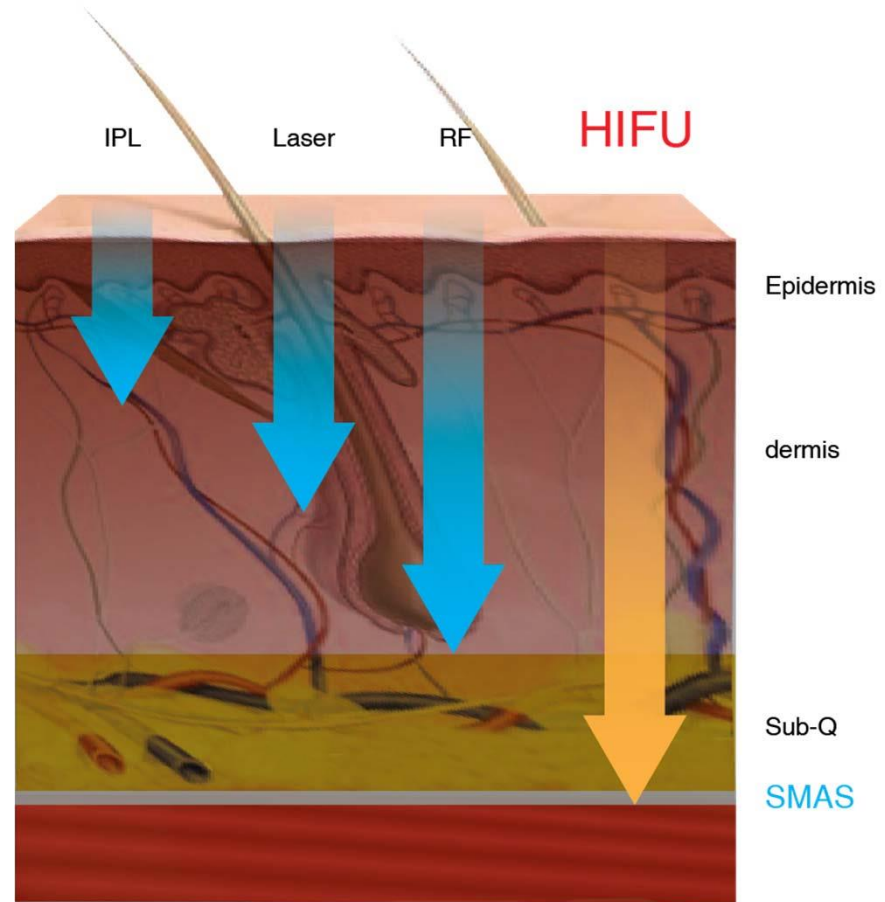
02

How to HIFU works

The effects of SMAS layer by the HIFU (4.5mm)

- Thermal coagulation part has a thermal reaction of over 60 degree, It gives effect the tightening and regeneration of collagen at Dermis and SMAS layer.
- HIFU gives effect into the skin without damage on skin.
- The HIFU energy can be penetrated deeply compare to IPL, Laser and RF.

SMAS [Superficial Muscular Aponeurotic System



Penetration Depth

Energy Penetration & Clinical of Commonly-Used Cutaneous Lasers

Freq Doubled Nd:YAG : 532nm

Dye: 585-595nm

Ruby/Alexandrite: 694/755nm

Diode: 810nm

Nd:YAG : 1064nm

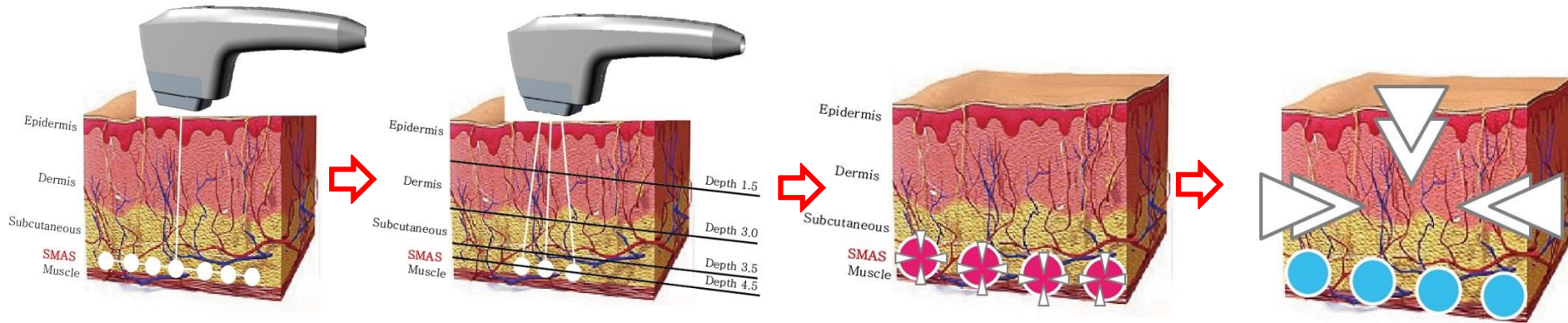
Nd:YAG : 1320nm

Er:YAG : 2940nm

CO₂ : 10600nm



04 How to SONORAMA work



Deliver the High strong focused ultrasound energy as fractionally.

The energy is penetrated at the SMAS layer (4.5mm), then makes Thermal coagulation

Immediate tightening effect : Contract the skin cell with raise Temperature of coagulation point over 65 degree.

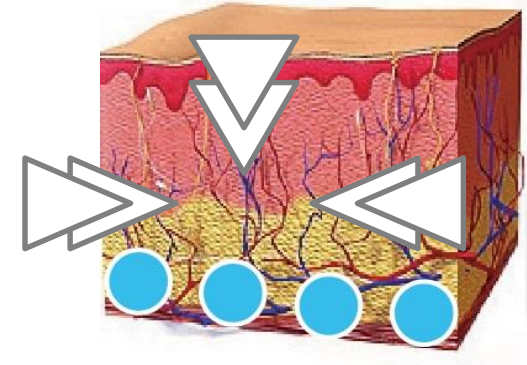
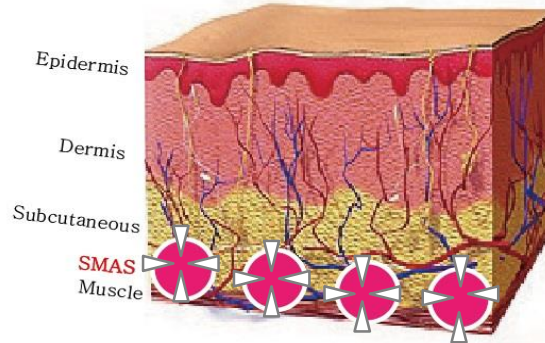
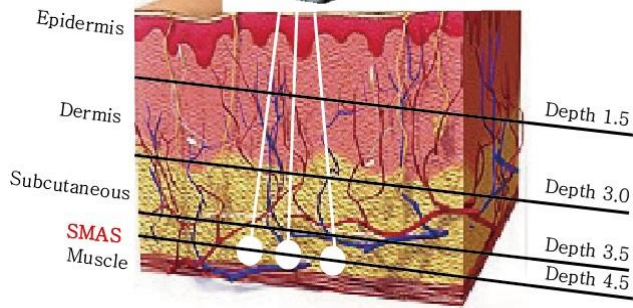
Skin regeneration & lifting effect by producing collagen and elastin.

05

How “Multi shot” work

**1.5mm / 3.0mm / 4.5mm/10mm/13mm
(5 different depth cartridges)**

- For facial treatment : operate for each treatment part with 5 different depth of cartridge. (1.5, 3.0, 4.5, 10.0, 13.0mm)
- Lifting up the sagging skin by skin cell contraction with HIFU.

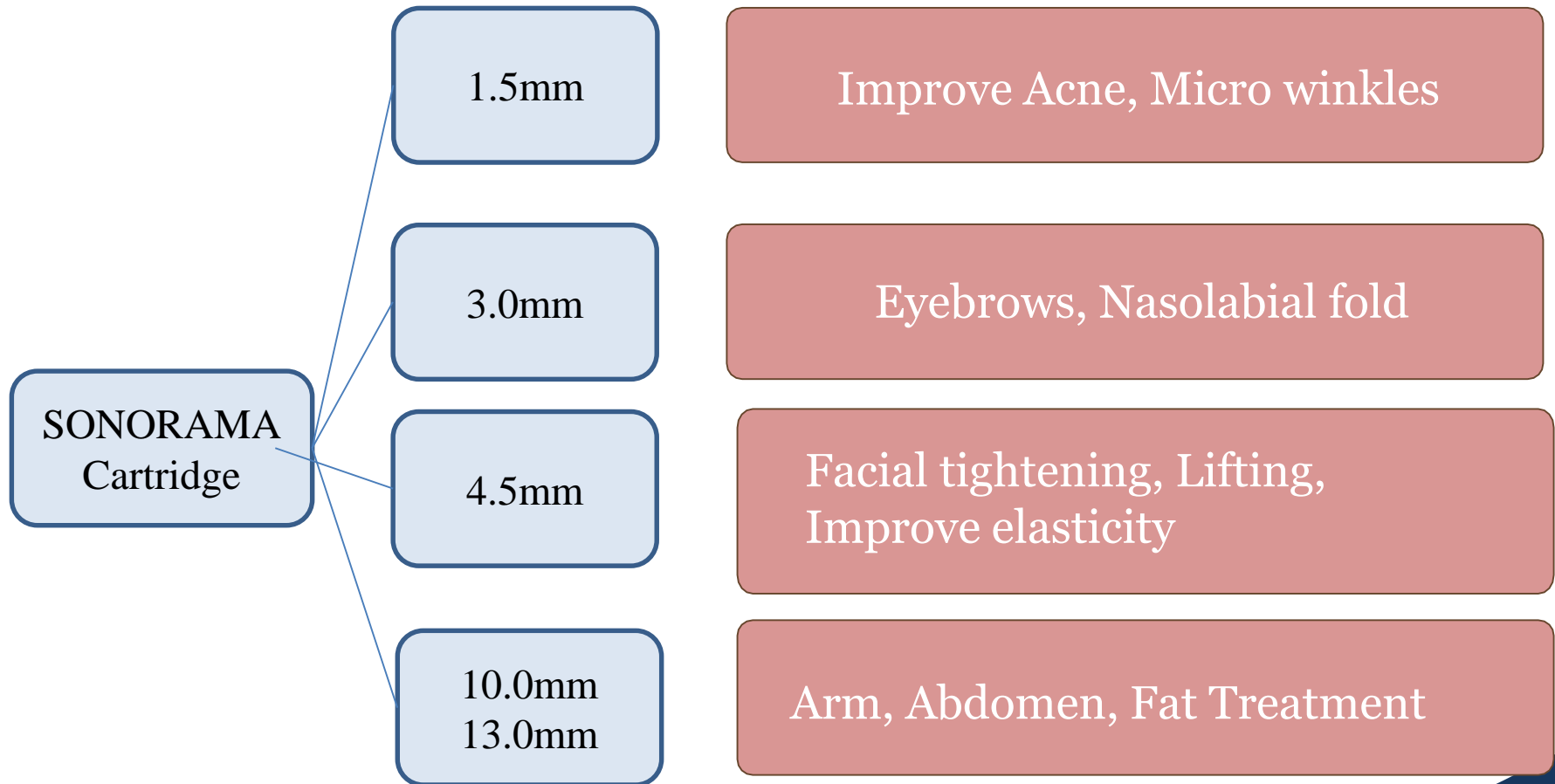


Feature of SONORAMA

- 1 The visual lifting effect without surgery
- 2 The possibility of treatment in SMAS layer
- 3 Safe treatment
- 4 No down time
- 5 Immediate lifting effect and long term effects
- 6 Fast scanning speed and 8inch color full touch screen for easy operation.
- 7 Easy to operate with Jog Dial
- 8 Immediate result for tightening and lifting right after treatment
- 9 Noninvasive treatment
- 10 **SONORAMA** has accurate and uniform dot for safe and effective .



07 Application



08 Who need it

We recommended to whom..

- 1 Who feel getting old herself**
- 2 Complex about double chins**
- 3 Lifting for V line**
- 4 Wrinkles on eyes, mouth, nasolabial and forehead**
- 5 Who is looking for non-surgery treatment**
- 6 Who is got a drooped eyelid after surgery**
- 7 Complex about dark circle and fat under eyes**

What is SONORAMA?

SONORAMA is a non-surgical face treatment that uses HIFU energy to actually lift loose or sagging skin and form body line without any downtime.

What is unique about the SONORAMA treatment procedure?

SONORAMA is the only non-invasive treatment that can specifically target the 3 depth deep foundation below the skin without cutting or disrupting the surface of the skin.

SONORAMA has unique technology which can adjust the length of beam (15mm or 30mm) and it can deliver the beam to narrow area, deep wrinkle, nasolabial folds.

What does the HIFU therapy do?

SONORAMA deposits HIFU energy below the surface of the skin to stimulate the body's creation of new collagen. As a result, skin will actually begin to lift and tone over time.

**What does collagen do?
How does SONORAMA
stimulate the creation of
collagen?**

Collagen is a natural protein that gives skin its youthfulness by keeping it firmed, toned and elastic. As we age, collagen loses its elasticity and its ability to stand up to the effects of gravity that pull the skin downward. SONORAMA triggers a repair process, tissue coagulation that produces fresh, new collagen.

**How is SONORAMA
different
from lasers?**

Lasers typically address issues in the superficial layers of the skin (e.g. fine lines, wrinkles, pigment changes). SONORAMA addresses the deep skin layer and the foundational layer (SMAS) addressed in cosmetic surgery that lift and lend support to the skin. Therefore, the two technologies are quite complementary!

Who is a good candidate for SONORAMA?

A good candidate for SONORAMA is someone with skin that has "relaxed" to the point of looking, and often feeling, less firm. Typically, those in their thirties and older who have mild to moderate skin laxity are candidates. There are many people who want some lifting but are not ready for surgery, either mentally, financially or logistically.

How long does the treatment take?	A full face treatment takes 30-40 minutes, and a partial face or brow lift treatment can take around 20 minutes without downtime.
What problem areas does SONORAMA target?	SONORAMA addresses mild to moderate loose or sagging skin.
How long until I see results?	Patients may enjoy some initial effect but the ultimate lifting and toning will take place over 2-3 months, as tired collagen is replaced with new, more elastic collagen. As this collagen-building process continues, further improvements can appear up to 6 months following a procedure.

How long do results last?

Patients treated with SONORAMA still have fresh young collagen after a year's time following the procedure, but skin continues to age. Future touch-up treatments can help keep pace with the aging process, which varies by individual.

Will I need more than one treatment?

The majority of patients only need one treatment; however, some may benefit from more than one treatment (depending on how much laxity they have and their body's own biological response to the HIFU and the collagen-building process).

Is there any downtime?

SONORAMA is an entirely non-invasive procedure and as such, there is no downtime. You are able to return to your normal activities right away, and there are no special measures you need to take.

Will I feel the HIFU during the treatment?

Yes. What you are feeling during the treatment is actually tiny amounts of focused ultrasound energy being deposited below the surface of the skin

What does it feel like?

Patients have noted there can be some discomfort while the HIFU energy is being delivered, but it is temporary and a positive signal that the collagen-building process has been initiated.

Is SONORAMA painful?

Comfort thresholds vary from patient to patient, but there can be some discomfort while the HIFU energy is being delivered. This is temporary and a positive signal that the collagen-building process has been initiated.

Are there any side effects?

There may be slight redness for up to an hour or so following the treatment, and a small percentage of patients may have slight swelling, tingling or tenderness to touch, but these are mild and temporary in nature. There is always the possibility for other less common post-procedural effects, which we'll review with you.

10 Clinical data



Before



After

10 Clinical data



Before



After

10

Clinical data



Before



After

Specification

Technical Specification (Face Handpiece)

Standard Type	Functions
Frequency	4MHz, 7MHz
Max Energy	3.0J/cm ²
Cartridge	7MHz:1.5mm, 3.0mm, 4.5mm - For Face 4MHz:10mm, 13mm(Optional) - For Body&Fat
Spacing	1.0~2.0mm(0.1mm step) - For Fat
Power Level	Adjustable 1~10 Level
Length	Full Length:25mm, 20mm, 15mm
Spot Size	<3mm
LCD	10.1 Inchs True Color Touch

Technical Specification (Pen Type Handpiece)

Standard Type	Functions
Frequency	7MHz
Max Energy	3.0J/cm ²
Cartridge	7MHz:1.5mm, 3.0mm
Power Level	Adjustable 1~10 Level
Speed	1-4 Shoot
Spot Size	<3mm

Technical Specification (Main Body)

Weight	30kg
Dimesions	50 × 50 × 110 cm
Power Input	100-240v 50/60hz 1A. 150VA

THANK YOU!

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