



**INTRODUCTION OF SMART SONIC
NATURAL BEAUTY SOLUTION FOR ANTI-AGING AND BODY SCULPTING**



What is H I F U ?

High Intensity Focused Ultrasound

**: is a technique that is non-invasive
and aims to retain good quality of life.**

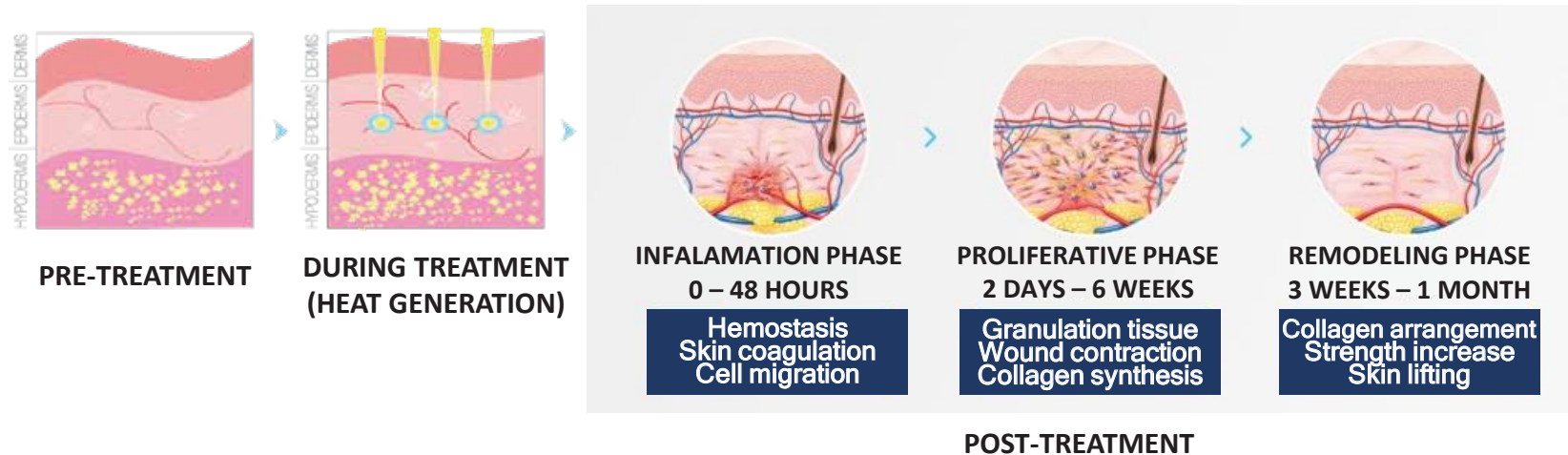
High Intensity focused ultrasound use an acoustic lens to concentrate multiple intersecting beams of acoustic wave on a target. Each individual beam passes through tissue with little effect but at the focal point where the beams converge, the energy can have useful thermal or mechanical effects.

**The mechanism is similar to using a magnifying glass
to focus sunlight.**

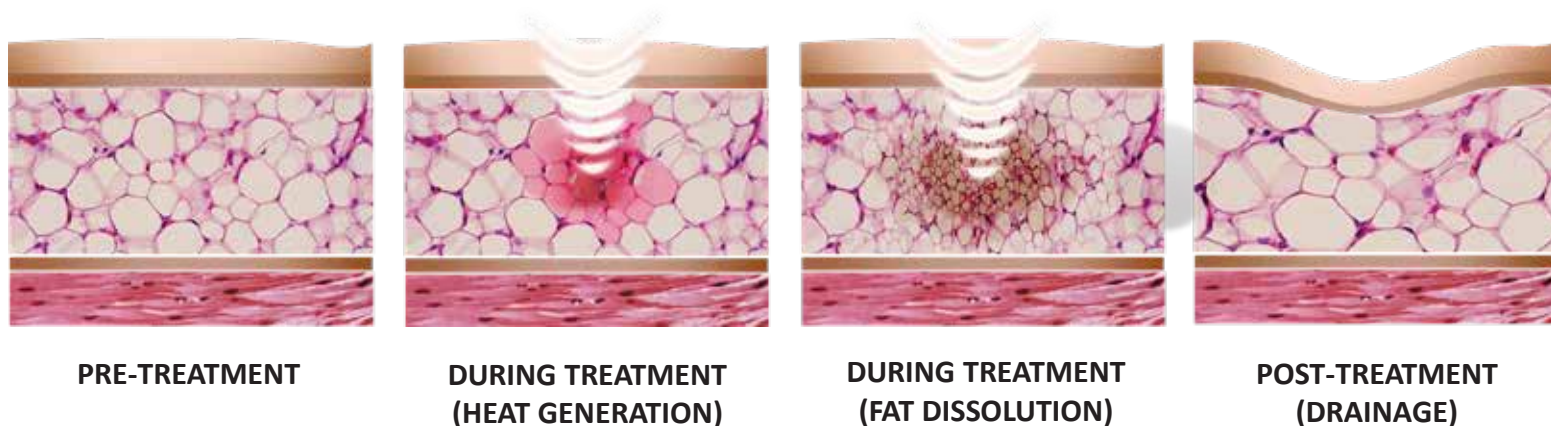
EFFECT AND RESULT

Smart Sonic

DERMIS LAYER (WOUND HEALING PROCESS)



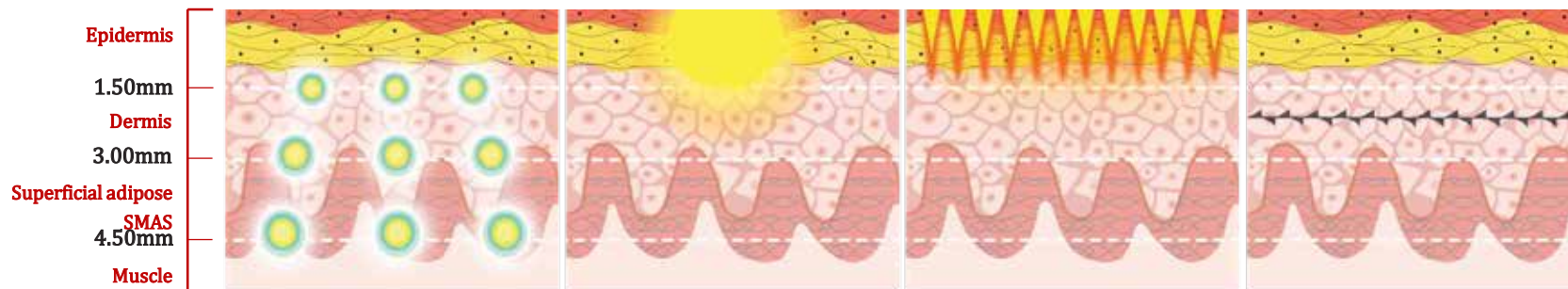
FAT LAYER (DRAINAGE PROCESS)



“A SOUND RETURNS YOUR BEAUTY”
SMARTY HIFU **SMART SONIC**





VS Others



	SMART SONIC	RF	LASER	THREAD
Influence	Denaturation	Sub-optimal	Vaporization	Traction
Precision	Precise & Fractional	Bulk heating	Precise & Fractional	Sensory-dependent
Downtime	X	X	0	0
Anesthesia	X	X	0	0
Pain	* *	* *	* * * * *	* * * * *
Result seen	Immediate and continuous	Slight	After downtime	After downtime

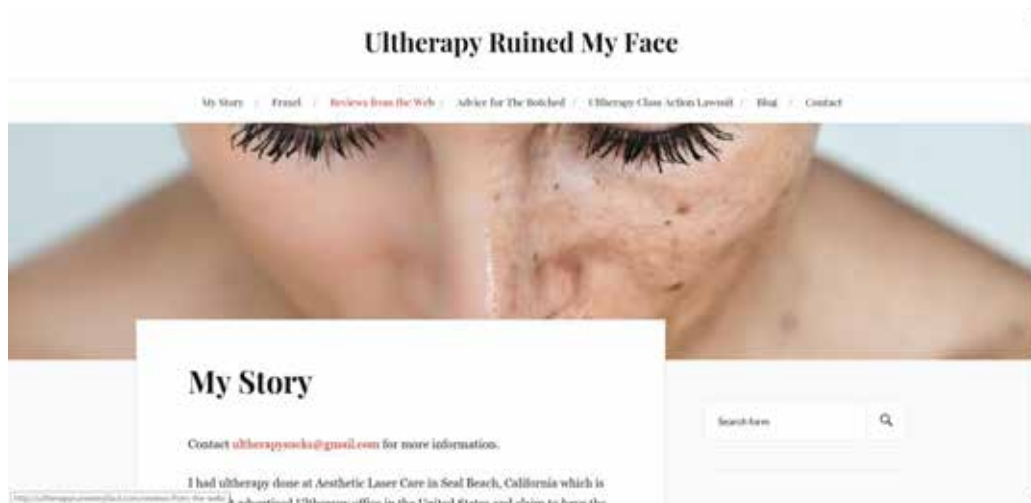
SMART SONIC vs ULTHE**

Smart Sonic

	SMART SONIC	Ulthe**
Applicator	1.5mm,3mm,4.5mm,13mm	1.5mm, 3mm,4.5mm
Hand Piece	Multi & Single	Multi
Shots	10,100 / 50,100	2,300
Length	1 ~ 30mm	1 ~ 20mm
Power	0.1 ~ 2J/cm2	0.1 ~ 2J/cm2
Focal size	1mm <	3mm <
Anesthesia	X	0
Pain	* *	* * * *
Result seen	<p>Immediate/ From a week after</p>  <p>Before After 60 Days</p>	<p>Immediate/ From 2-3 months after</p>  <p>Before After 120 Days</p>

SMART SONIC vs ULTHE**

- **Longer treatment length**; faster treatment
- **Smaller focal size**; less pain and less non-specific damage
- **Economic cartridge**; cheaper treatment
- **Not only for face, but body applicators**; additional body sculpting treatment
- **Single-shot handpiece**; precise and easy treatment on curved or narrow area



Source from
<http://ultherapyruinedmyface.com/>

Treatment Interval

SPACING ENERGY	*1.0	1.5	2.0	3.0
1	2 weeks	1 weeks	1 weeks	1 weeks
2	2 weeks	1 weeks	1 weeks	1 weeks
3	3 weeks	2 weeks	2 weeks	2 weeks
4	4 weeks	3 weeks	3 weeks	3 weeks
5	4 weeks	3 weeks	3 weeks	3 weeks
6	5 weeks	4 weeks	4 weeks	4 weeks
7	5 weeks	4 weeks	4 weeks	4 weeks
8	6 weeks	5 weeks	5 weeks	5 weeks
*9	7 weeks	6 weeks	6 weeks	6 weeks

* **SPACING 1.0** AND **ENERGY LEVEL 9** is not recommended for **facial treatment**. It can cause serious skin damage.

** Yellow colored boxes are the zone of high energy.

THE
FACE
Skin Lifting Solution



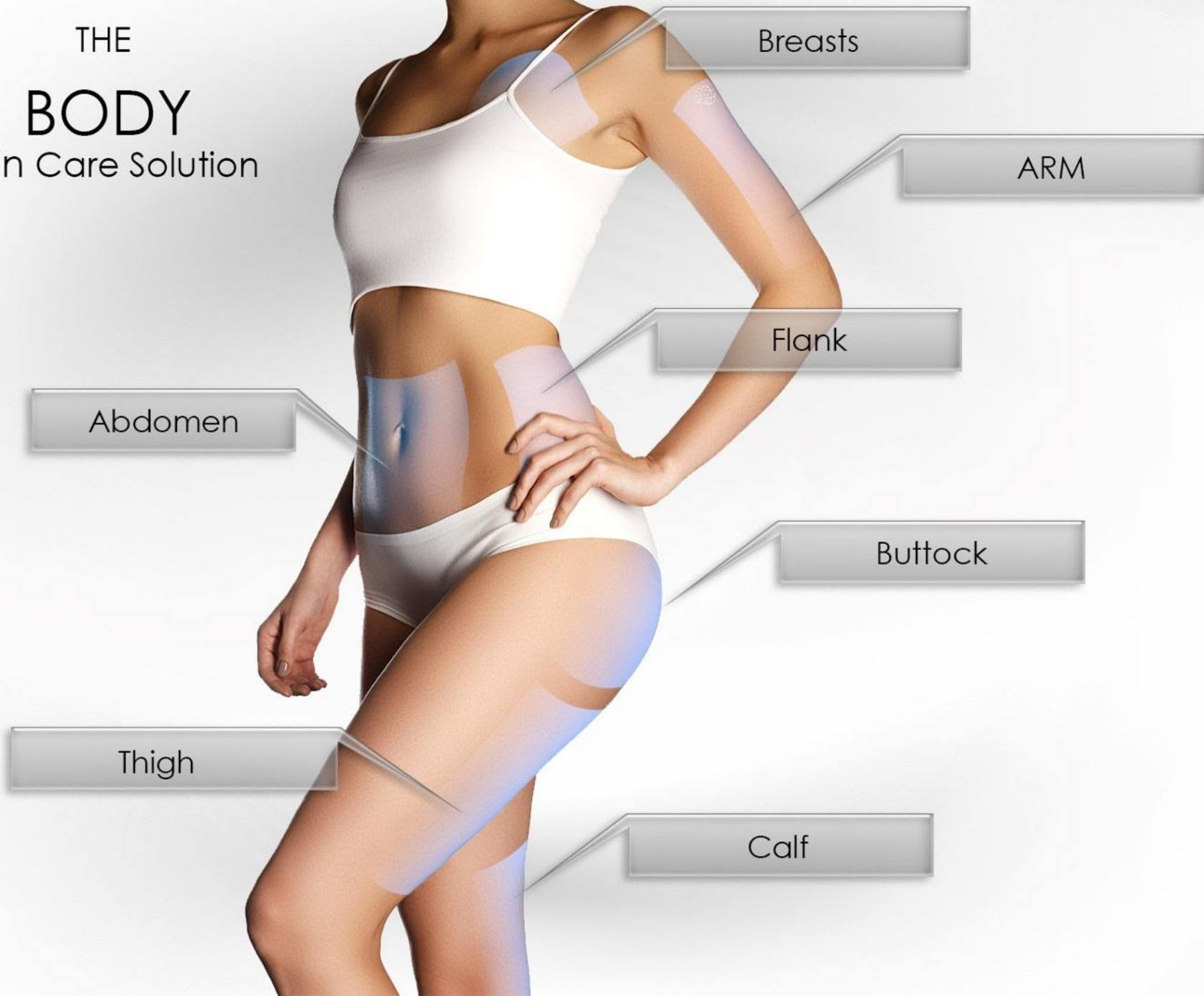
FOREHEAD

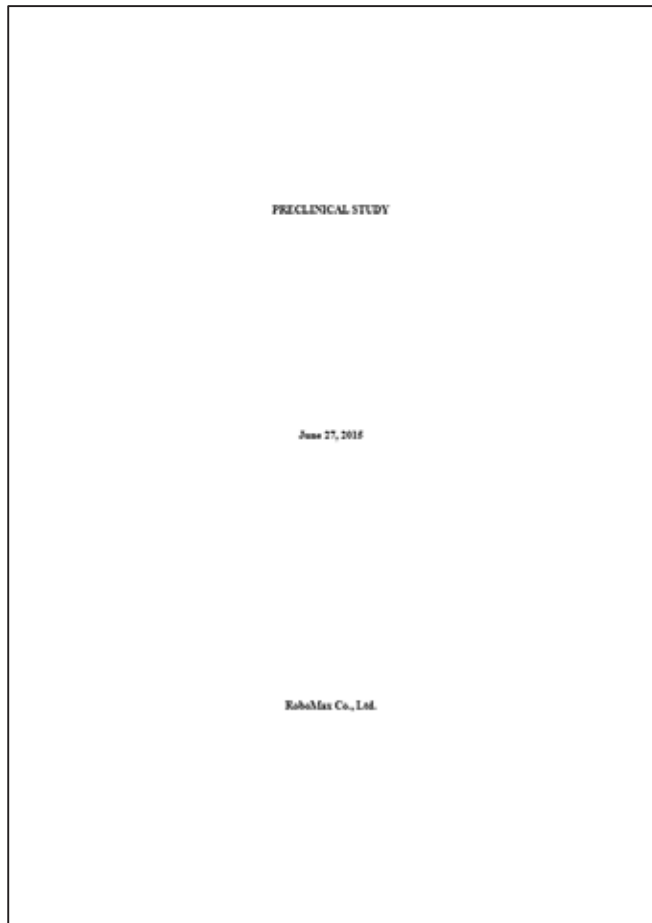
CROW FEET'S

CHEEK

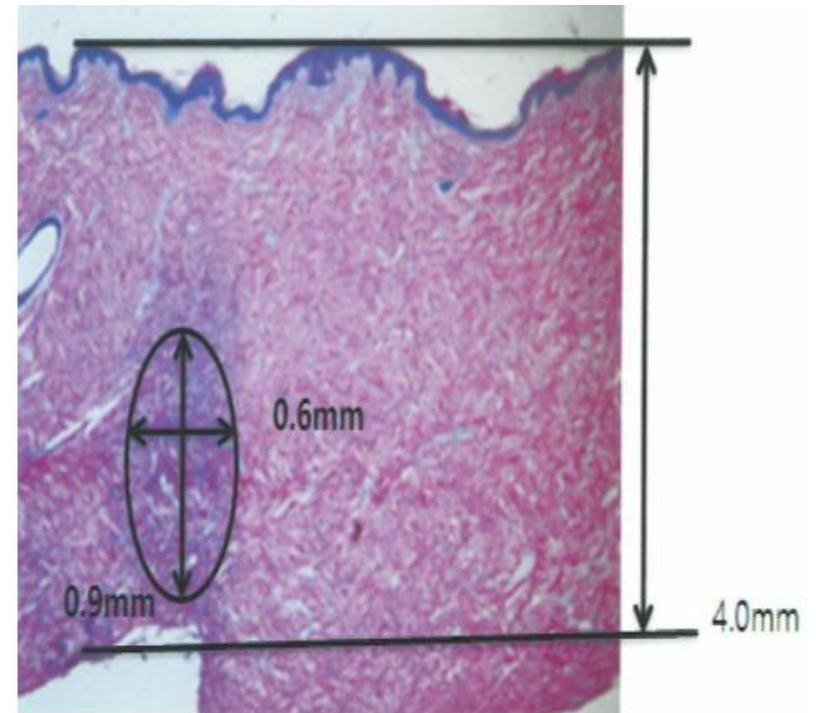
UNDER NECK

THE
BODY
Skin Care Solution





- Test was done by Eulji University Dept. of Bio Medical Laboratory Science, Korea
- Total research period: April 1 to June 30, 2015 (90 days)



< Fig. 2.2 Sample slice >

- Scale: 40x magnification
- Focal distance: 3.1mm from the surface
- Size of the coagulation: 0.6 x 0.9mm
- Changes in the surrounding tissues: None
- Fat tissues were found to have become dissolved due to the heating effect in the focal area.

Clinical Before / After

Smart Sonic

Clinical result



Smart Sonic, 1 session, 60 days later



Smart Sonic, 1 session, 30 days later

Clinical result



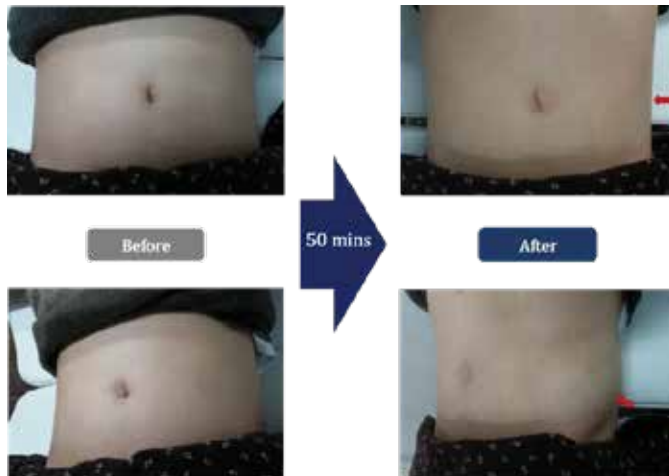
Smart Sonic, 1 session, 30 days later



Clinical Before / After

Smart Sonic

Clinical result from clinic, Korea



1 Treatment session (belly & waist)

Smart Sonic, 1 session, 1hr later



Smart Sonic, 1 session, 1 week later

Clinical result from clinic, Korea



Smart Sonic + suction, 1 session, 1hr later **-2.6cm**



Smart Sonic + suction, 1 session, 1 week later **-3.1cm**

Treatment Technique

1. CUSTOMIZING TREATMENT (FACIAL)

Treatment results can be shown differently depending on conditions of skin. A patient who has severe laxity will have less than mild laxity outcome. It is because treatment outcome varies according to body recovery speed based on metabolism activity. Therefore, customizing treatment depending on laxity severity is first thing to check before giving a treatment.

MILD



MODERATE



SEVERE



Treatment Technique

1. CUSTOMIZING TREATMENT (BODY)

Treatment results can be shown differently depending on degree of obesity and post-management. A patient who has irregular eating habit or life style will have less outcome. It is because treatment outcome varies according to fat burning frequency based on metabolism activity. Therefore, customizing treatment depending on obesity degree is first thing to check before giving a treatment.



[PINCH TEST]

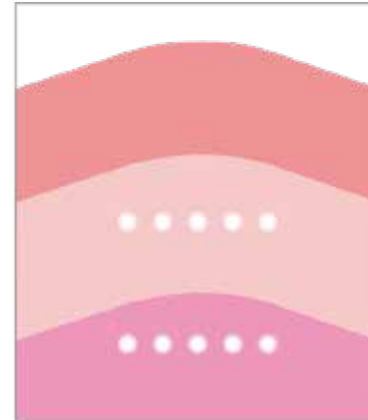
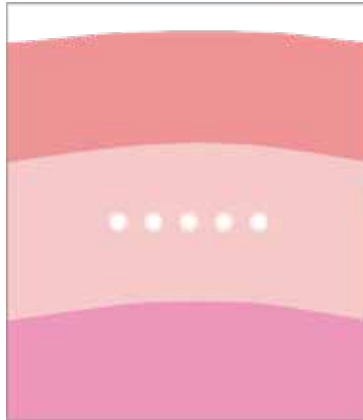


[REGULARY CHECK-UP]

Treatment Technique

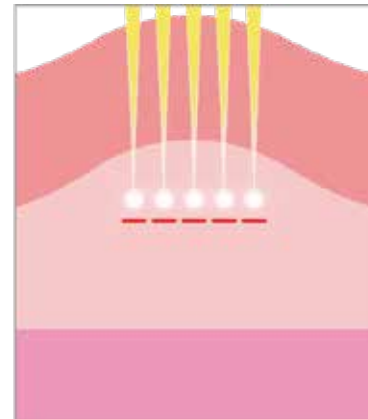
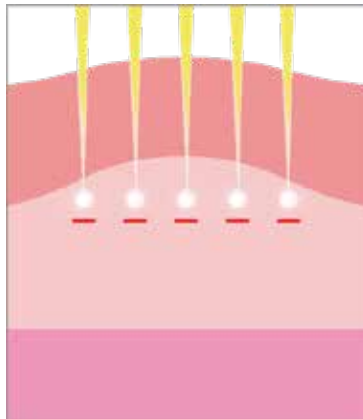
2. MULTIPLE TREATMENT

A multiple layer treatment provides more visible lifting result than single layer treatment.



3. CLOSER TREATMENT

A space between each focal point results in different outcome. Closer focal point creates synergy effect.





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