

 HIRONIC

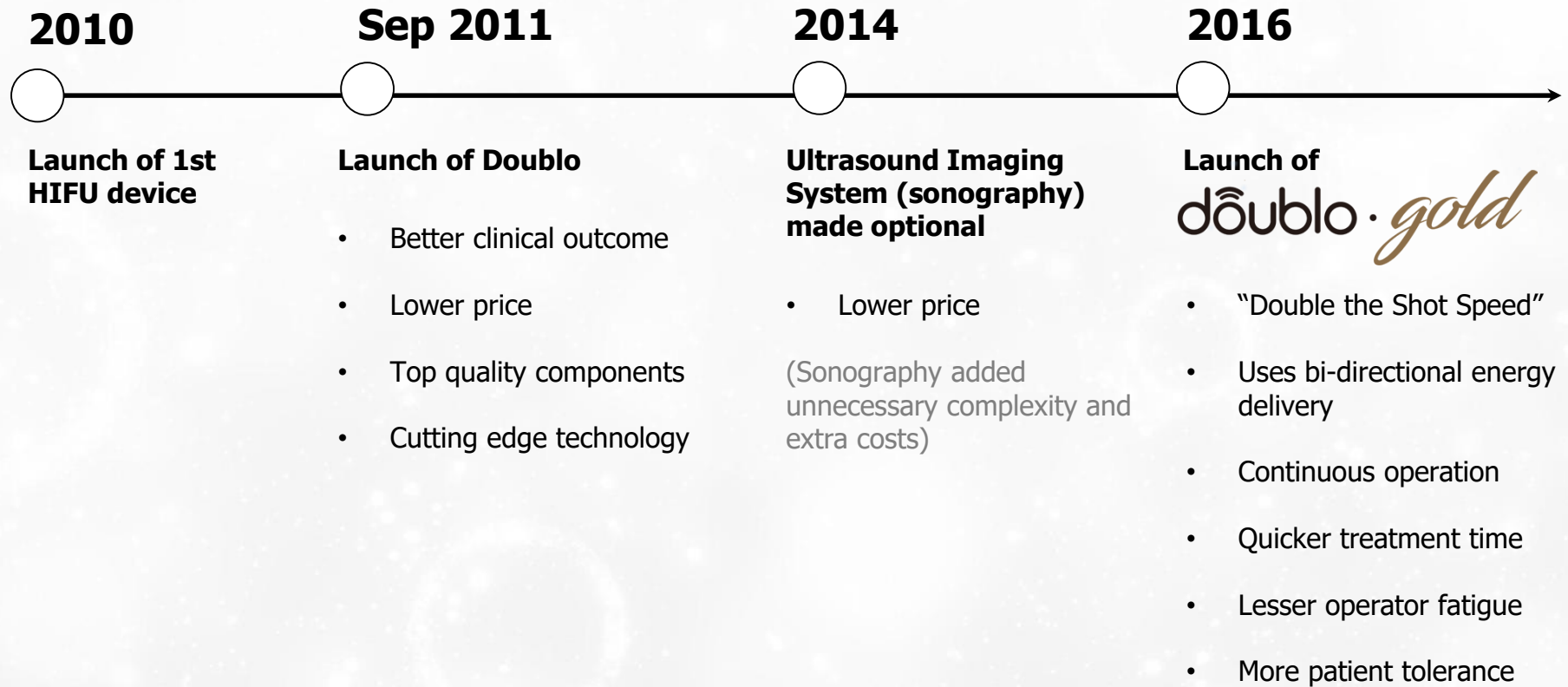
dôublo · *gold*





Hironic Co. Ltd is a leading manufacturer for aesthetic medical device, taking the top position in the sector of HIFU technology. It has a wide variety of products with substantive R&D investment, such as Skin Lifting devices (Doublo Series), Lasers(Pico, Nd YAG), resulting in exposure and utilisation of its devices over than 3,000 sites all over the globe at present with significant recognition as a global standardised Medical & Aesthetic device.

Evolution of Doublo



What is HIFU?

High Intensity Focused Ultrasound

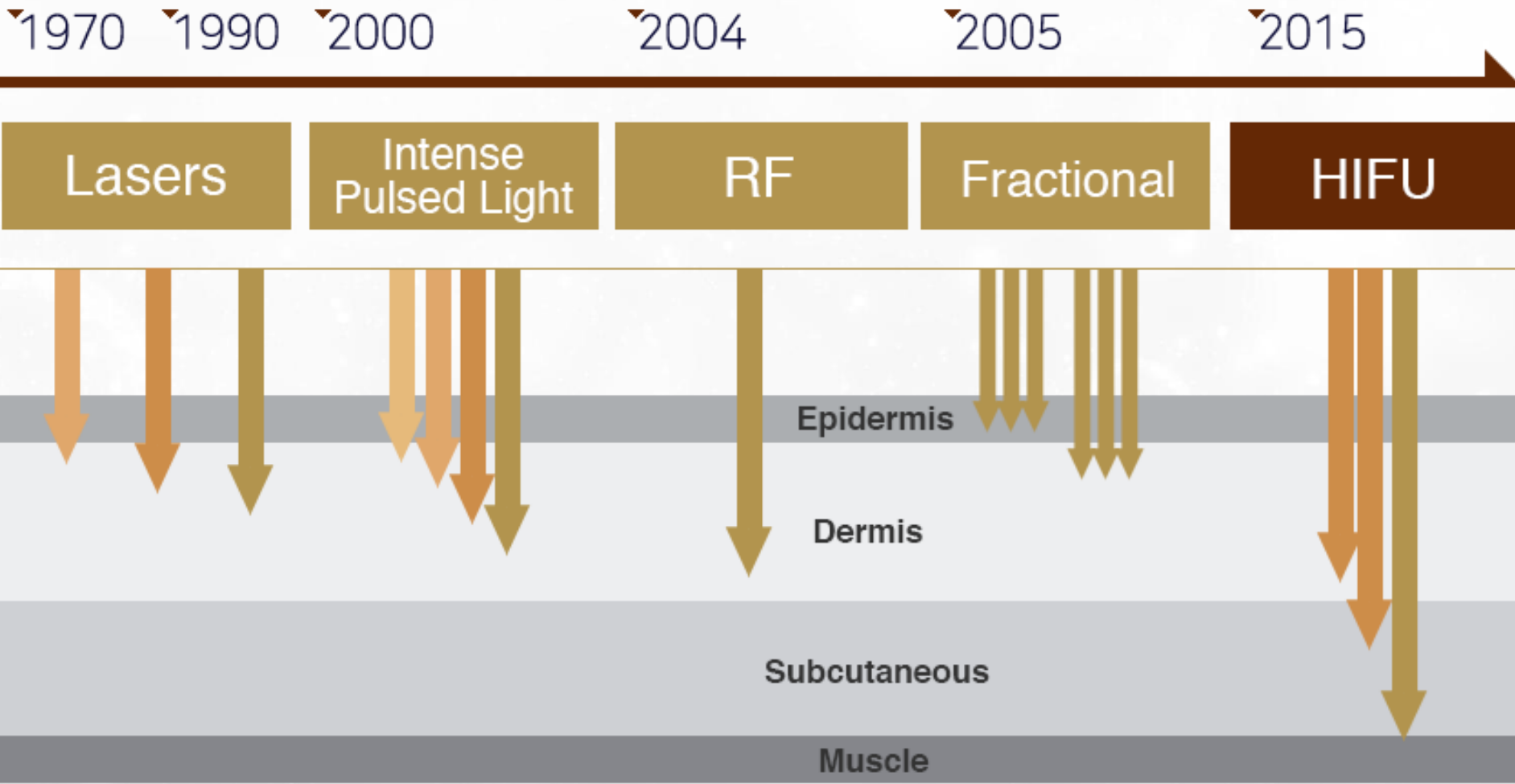
HIFU is a highly precise medical procedure using high intensity focused ultrasound that was initially used to heat and destroy pathogenic tissue rapidly by sound waves, and was also used for physiotherapy.

In the last decade, new use of HIFU was adopted for skin lifting, tightening and rejuvenation, both in the dermal and deep structural levels

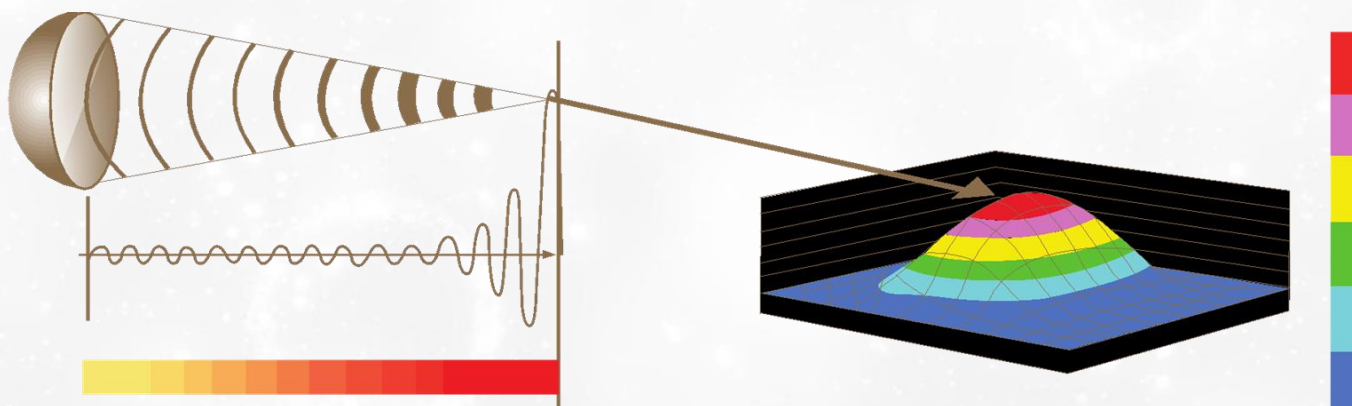
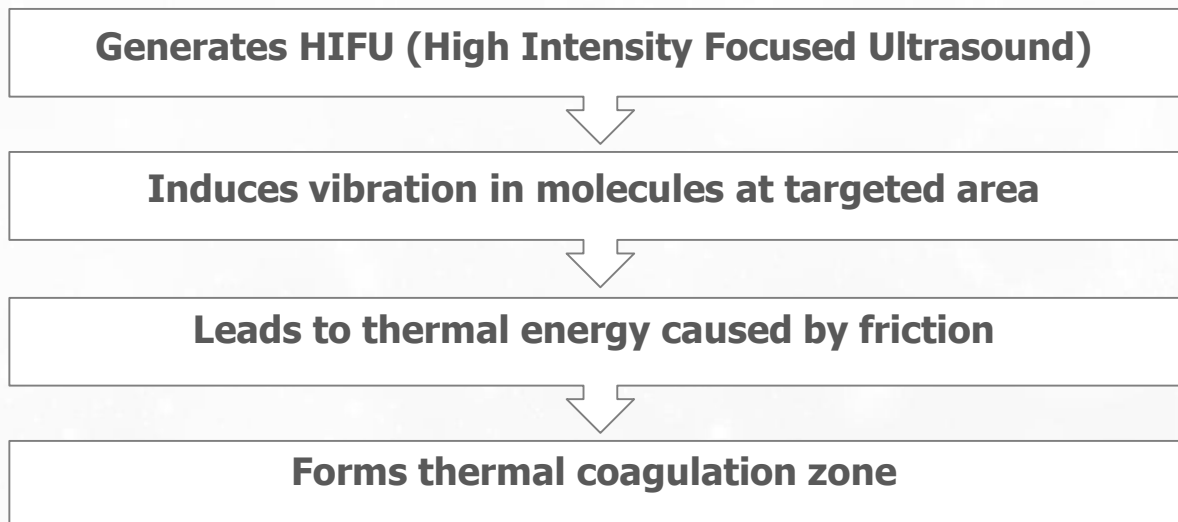
The energy is delivered precisely to the required depth, without disrupting the surrounding tissue



Technology Trends

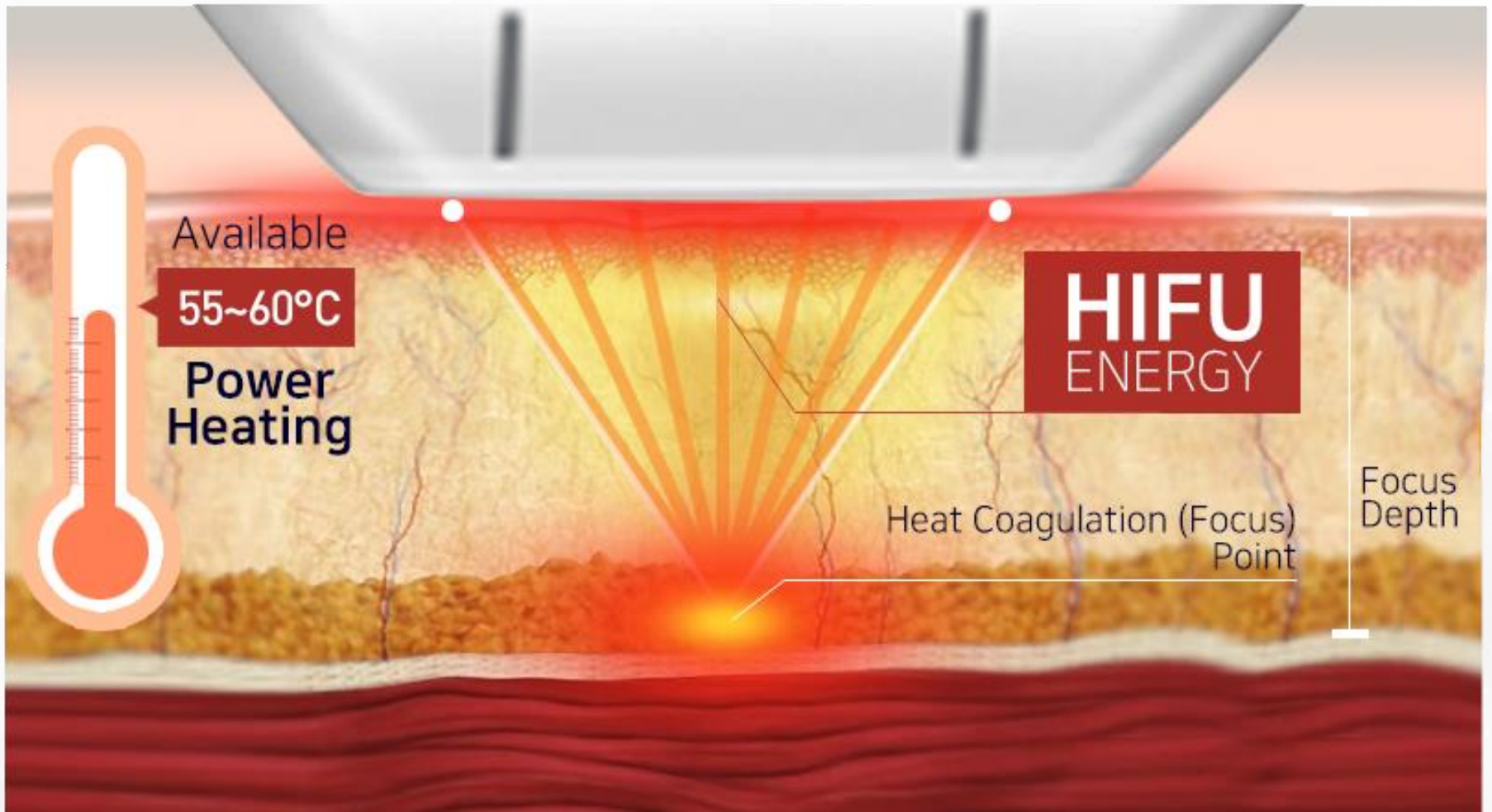


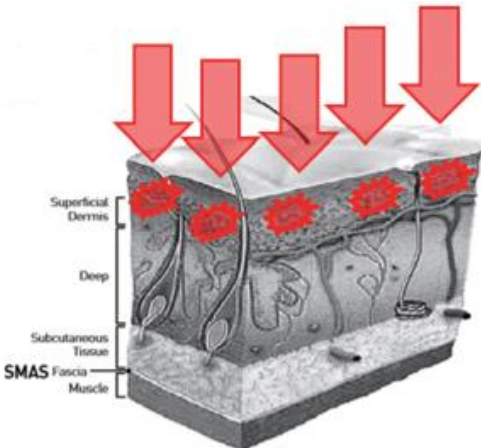
HIFU Theory



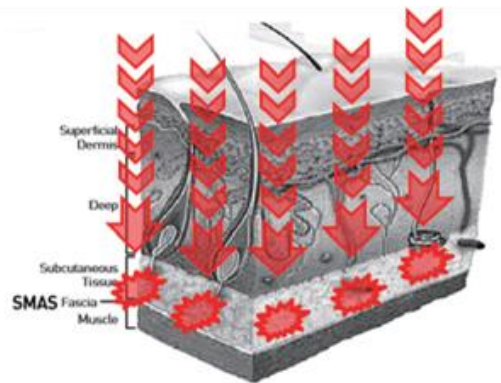
Focused Transducer Emitting Ultrasound Waves

HIFU Treatment Theory

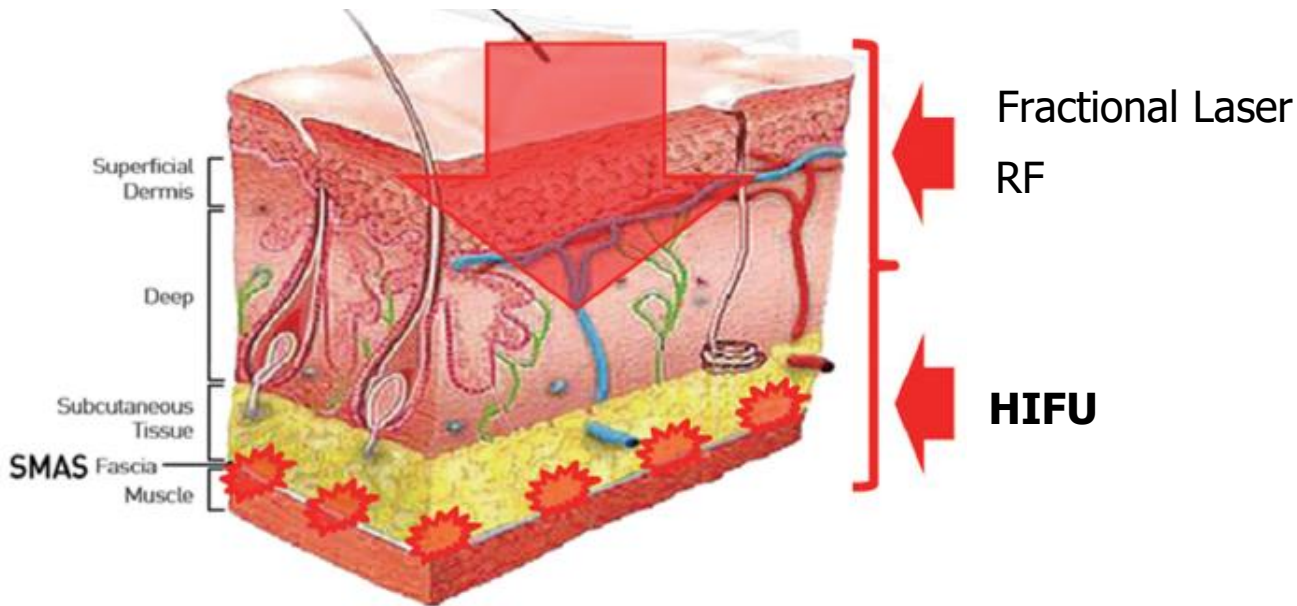




Fractional Laser / Needling RF / IPL



HIFU



Specifications	Parameters
Fluence	0.2 ~ 2J/cm2 [0.05 Step]
Monitor	LCD Screen
Cartridge	S7 7.0Mhz, 1.5mm M7 7.0Mhz, 3.0mm D4 4.0Mhz, 4.5mm L4 4.0Mhz, 13mm
Spacing	0.5~10mm
Length	5.0~25mm [1.0 Step]



Intuitive & Easy Interface





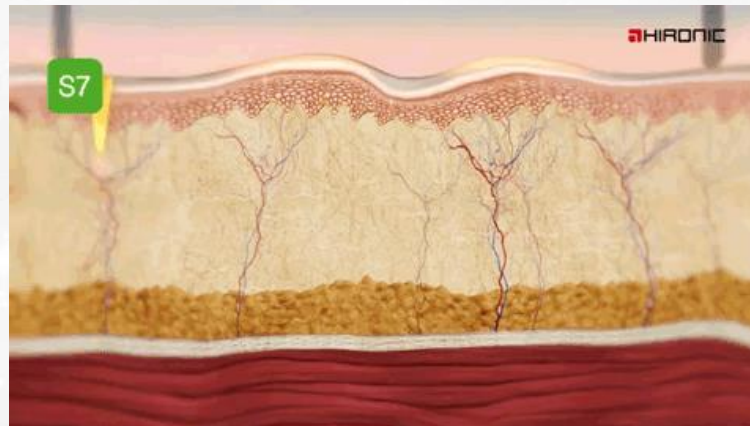
D4
4.5mm



M7
3.0mm



S7
1.5mm

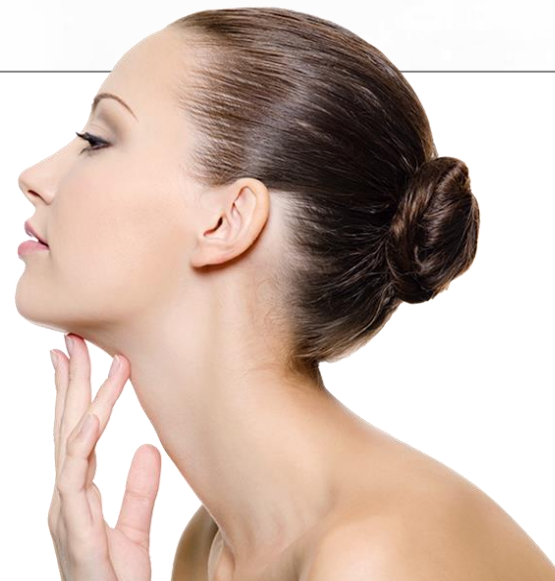


HIFU Hybrid System For Face & Body

Customizable treatment depth and frequency

Cartridge combination for face and neck treatment

Depth	1.5mm, 3mm, and 4.5mm
Frequency	4MHz & 7MHz







1st HIFU to combine the functions of face lifting & body contouring in one device

Precise treatment for Body contouring

Depth	13mm
Frequency	4MHz

Optimal 4 Types of Cartridges

	Cartridge	Target	Frequency	Fluence	Depth	Comment
For Face		Upper Dermis	7Mhz	0.25J	1.5mm	Periorbital thin skin and facia, texture and browlift Perioral Neck thin skin and facia
		Deep Dermis	7Mhz	0.45J	3.0mm	Periorbital moderate skin and facia browlift Cheeks Jawline Neck/Submentum moderate thickness
		SMAS	4Mhz	1.2J	4.5mm	Jawline, especially jowls tightening and lifting Submentum Neck lift, Décolletage Upper arms
For Body		Subcutaneous Fat Layer	4Mhz	2.0J	13mm	Body contouring, including abdomen, flanks, thighs, buttocks

Indications

- ✓ Skin Tightening and Rejuvenation
- ✓ Non-Invasive Lifting for Face
- ✓ Eyebrow Lifting
- ✓ Jowl Lifting
- ✓ Nasolabial Fold Reduction
- ✓ Double Chin Reduction
- ✓ Body Contouring





Body Application Areas

Fastest Speed of any HIFU

Rapid, effective, continuous pulsing - 300 shots in 8 min.

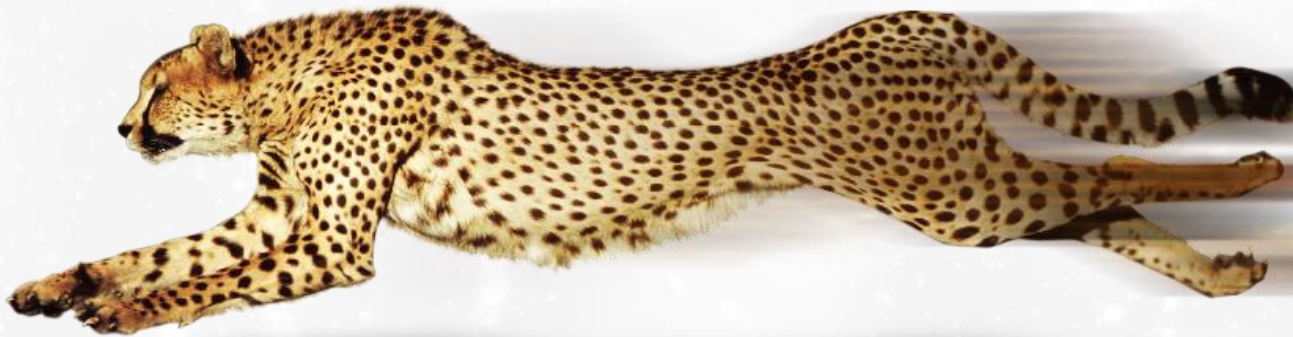
Treat more patients, with less operator fatigue

Light, easy to maneuver handpiece with option of single or continuous pulses

Further increase the efficiency with single or continuous pulse footswitch

JUST 8 MINUTES Per 300 shot

MAXIMUM SPEED OF DOUBLO SERIES



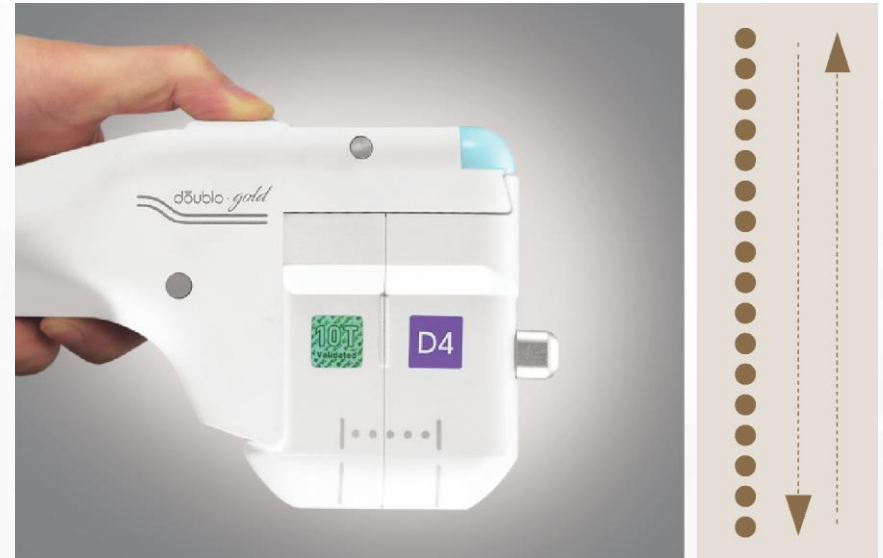
How Is Such Speed Possible?

One Way Pulse



Other HIFU devices utilize one directional cartridge (or transducer). Pulses are delivered in one direction only. After the pulse is delivered, the transducer inside the cartridge has to return to the park position before next pulse is fired. There is a pause before next pulse.

U-turn (Round) Pulse



Double-Gold employs a unique mechanism. The transducer turns around and continues treatment. Combined with continuous pulsing, this results in vastly increased treatment time, two times or more. This saves time for a clinic time and decreases operator fatigue.

How Is Such Speed Possible?

One Way Pulse



In case of TMZ's overlapping, intradermal scarring can occur.

U-turn (Round) Pulse



Even spacing ensures no overlapping.

Precise, Unique Energy Delivery



Uneven patterns result in less surface area being treated. Small focal zones result in sharp, painful sensation common in HIFU

VS

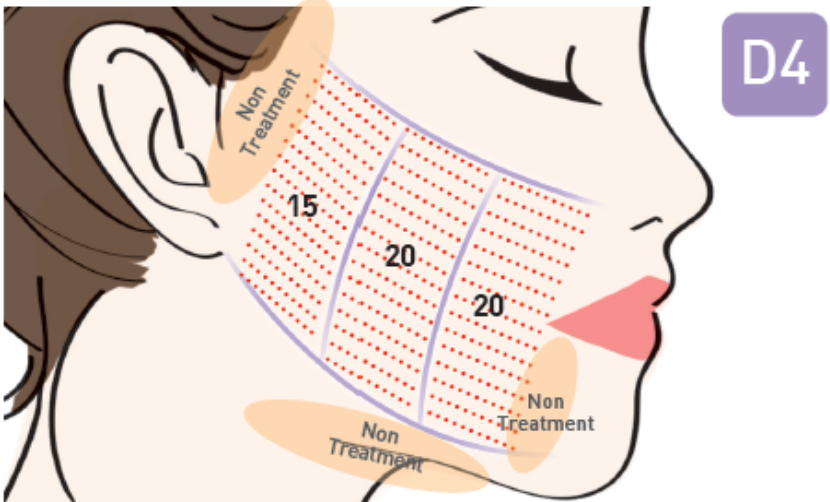


Unique diffuse focal zones increase the surface area treated, with better result and less pain

1

(Cheek 1)

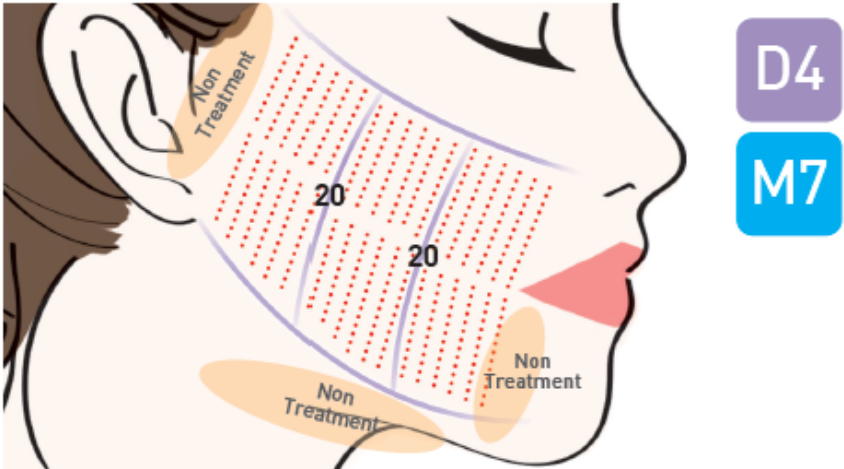
Cartridge	Power(J)	Spacing(mm)	Length(mm)
D4	1.00~1.20	1.5~1.7	25



2

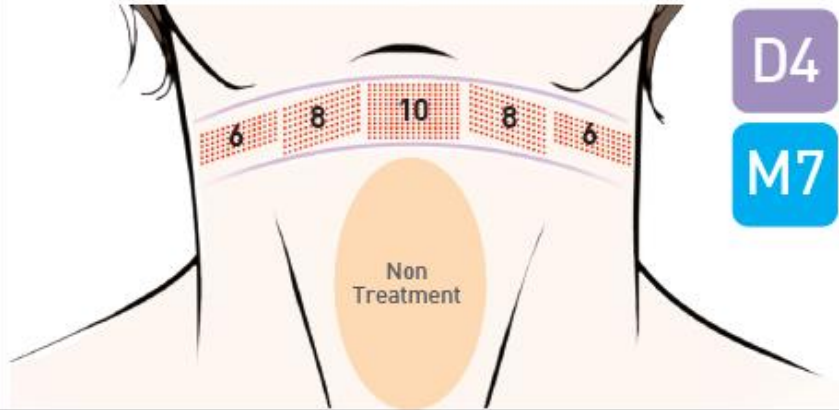
(Cheek 2)

Cartridge	Power(J)	Spacing(mm)	Length(mm)
D4	1.00~1.20	1.5~1.7	25
M7	0.35~0.45	1.0~1.2	25



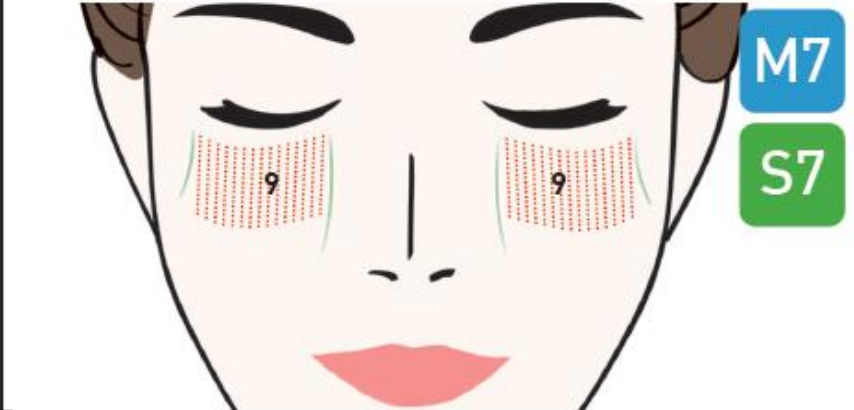
3 (Submental)

Cartridge	Power(J)	Spacing(mm)	Length(mm)
D4	1.00~1.20	1.5~1.7	25
M7	0.35~0.45	1.0~1.2	25



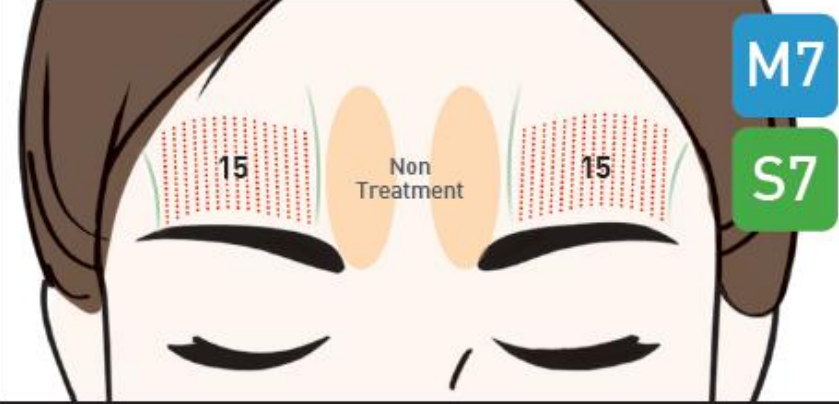
4 (Infra Orbital)

Cartridge	Power(J)	Spacing(mm)	Length(mm)
M7	0.35~0.45	1.0~1.2	25
S7	0.15~0.25	1.1~1.2	25



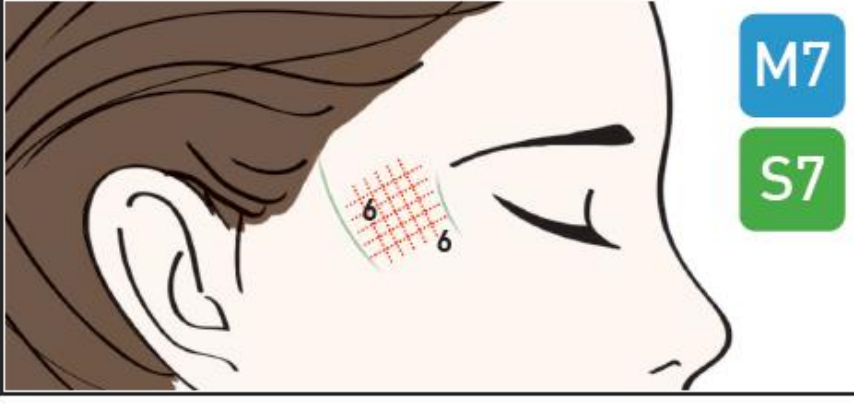
5 (Forehead)

Cartridge	Power(J)	Spacing(mm)	Length(mm)
M7	0.35~0.45	1.0~1.2	25
S7	0.15~0.25	1.1~1.2	25



6 (Lateral Orbit)

Cartridge	Power(J)	Spacing(mm)	Length(mm)
M7	0.35~0.45	1.0~1.2	25
S7	0.15~0.25	1.1~1.2	25



Clinical Results

Jawline



Clinical Results

Eyebrow Lift



Before



After

Clinical Results

Jowls and Cheeks



Clinical Results

Jawline



Before

After

Clinical Results

Neckline



Clinical Results

Neckline



Clinical Results

eye



Before



After

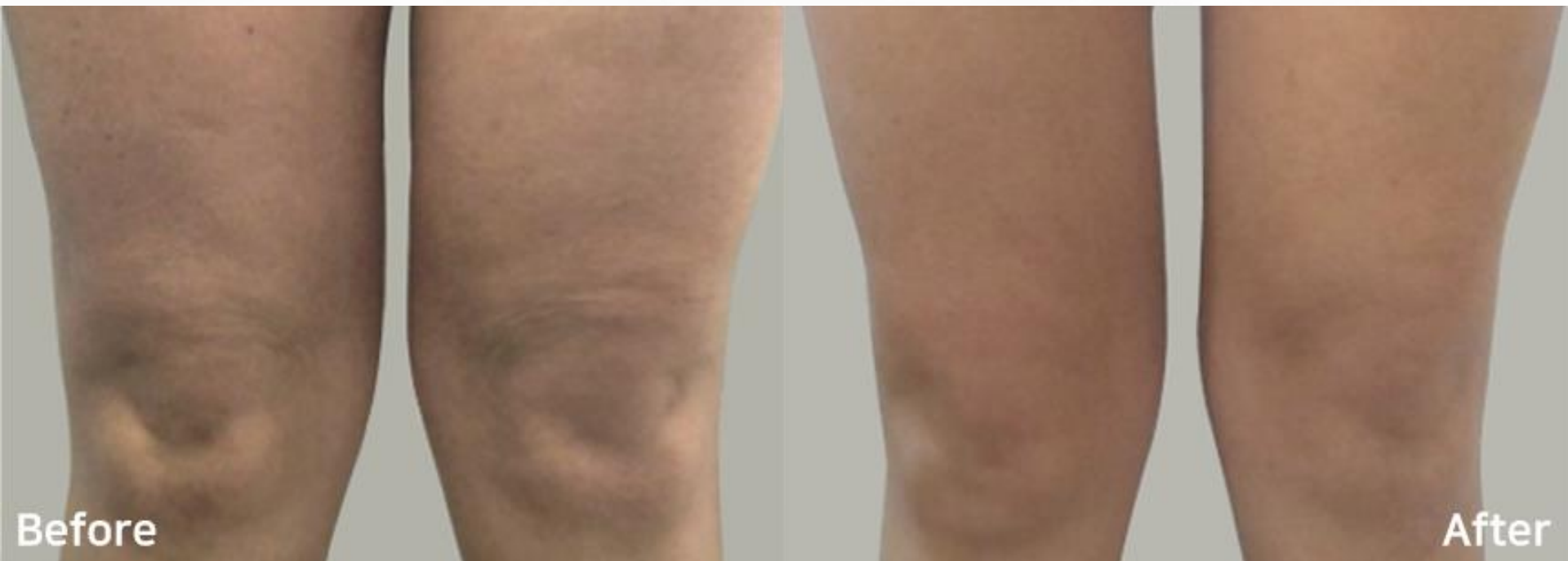
Clinical Results

Buttocks



Clinical Results

Thighs



Clinical Results

Abdomen



Testimonials



M.D. Ute Bauer.

Plastic Surgeon in Munich,
GERMANY and Padova,
ITALY

"Doublo has become my treatment of choice. This non-invasive approach shows some immediate results that patients like.

While they know that it will take about three months for the results to consolidate, patients appreciate the natural appearance of outcomes."

Testimonials



Dr. Ildiko Vamossy

RevitalMed in BUDAPEST

"The exclusivity and success of the Doublo's Face Lifting treatment lies in the principle that among non-invasive treatments it can reach deepest, has an effect on the muscle, fat and dermis at the same time, well-tolerated and requires only 1 session. Among other HIFU devices Doublo is outstanding for reliability, stabile energy generation, even coagulation point sequence and precise ultrasound imaging. In the next years HIFU treatments will gain large popularity among patients looking for fast and non-invasive face, neck, arm or décolleté rejuvenation and lifting and Doublo-Gold will be the best choice for this booming sector."

Testimonials



Ji Hoon Kim

Kim Ji Hoon Department of
Dermatology / KOREA

"The increased speed of the Doublo-Gold is good for both patients and doctors. This advancement in the Doublo series remains a safe medical treatment. My patient load has expanded and this treatment is growing in popularity."



double · gold

The GOLD standard of HIFU for best results

Thank you