

WORLD'S
"FIRST GLIDING
HIFU"



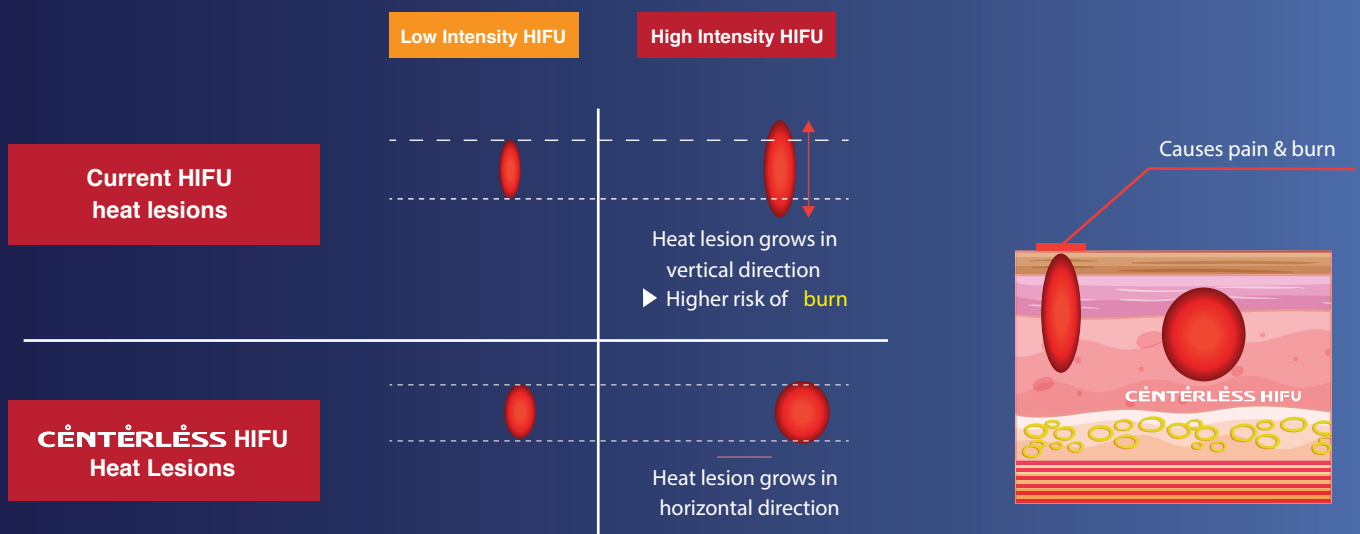
CENTERLESS
UTIMS THERAPY

Primelaze®

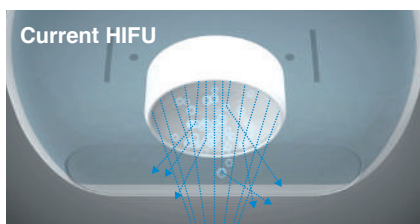
We rise by our service

CENTERLESS! INTERFERELESS! PAINLESS! HIFU

KORUST has successfully produced more effective CENTERLESS HIFU transducers. The heat lesion is more focused and shaped like an egg, and hence, CENTERLESS HIFU is able to deliver a safer and better treatment results



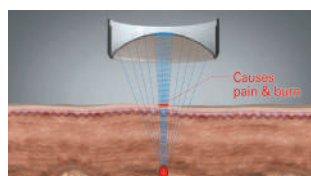
Enhanced Performance



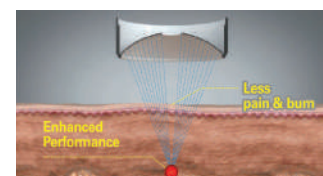
- Microbubbles formed at the surface of the ceramic interferes the transmission of ultrasonic energy
- Centerless HIFU discharges microbubbles through the hole
- Centerless improves transmission of ultrasonic energy and stability

Most of the products lower the ultrasonic energy in order to reduce side effects. However, lowering the energy reduces the size of the heat lesion accordingly, and hence this will result in deterioration in performance of the transducer. CENTERLESS HIFU fundamentally resolves the problem of creating excessive heat on the skin surface caused by concentration of ultrasonic energy at the center of piezoelectric. According to experimental results, it has shown to reduce side effects as well as improving the performance of the heat lesion by more than 50%.

Limitations of current transducer



CENTERLESS HIFU Transducers



Strengths of UTIMS

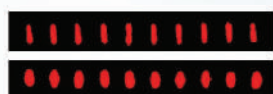
1. CENTERLESS HIFU (Patent owned by KORUST)

- Stable focal points(heat lesion) and maximizing the treatment outcomes
- Reduced side effects, such as pain and burns
- Safer treatment

2. High Accuracy & Stable Transducers (HAST)

Transducer is distinguished by its stability and heat lesion shape compared to competitors. When the heat lesion is long oval shape, it may cause the burn accident around the eyes. However, the heat lesion of korust transducer is shaped like an egg and more focused, which is why UTIMS is able to deliver the safer and better treatment result. This technique is a patent owned by korust.

Transducer test on the phantom by korust



Competitor's Heat Lesion-Phantom

Korust's Heat Lesion-Phantom

Short vertical line and stable egg shaped focal point

3. Transducer Heat Lesion Valuation System (THLVS)

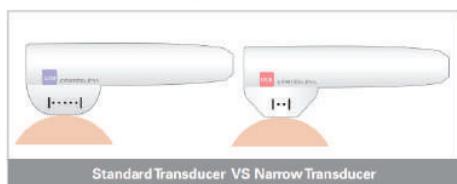
The most important technique of UTIMS is the measurement & evaluation of HIFU Energy. THLVS is system specially developed by Korust cooperated with an university in South Korea. THLVS is the device which can evaluate the safety of transducers and developed by HIFU professional researchers group for 10 years. Also, the main component of this system called "Phantom" is produced by KORUST with the strict quality control.



Phantom

4. High Frequency Narrow Transducer

- Improved visualization
- Complete skin adhesion for small area treatment, prevention of burn accidents
- Less time per line delivery



Standard Transducer VS Narrow Transducer

5. Dot & Linear Line Delivery Through Same Transducer

UTIMS Transducers can Deliver both Dot Line Delivery and Linear Line Delivery through advanced technology. Doctors and Health Care Professionals do not need to invest in multiple Cartridges. Saves time and money.

**LESS PAINFUL
MORE EFFECTIVE**

FACE

- Non-surgical facelift
- Brow lift
- Neck tightening
- Jawline definition
- Mid-face lift
- Double chin improvement
- Forehead lines improvement
- Peri-orbital tightening

BODY

- Body contouring
- Fat reduction
- Cellulite reduction
- Abdomen tightening
- Flank tightening
- Thighs tightening



26 dots Other devices



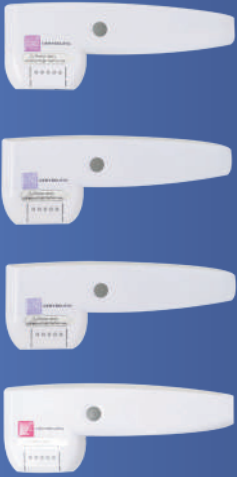
31 dots Centerless utims

(20% more Coagulation Points per line)

1 Shot

CENTERLESS HIFU	VS	Other Product
30mm	Treatment length	25mm

CENTERLESS HIFU Transducers



Standard Type

C4D C7M
C7D C10S

Depth 1.5mm, 2mm, 3mm, 4.5mm
Frequency 4MHz, 7MHz, 10MHz
Treat line 5.0-30mm
Spacing 1.0-5.0mm

Narrow Type

N7M N10S

Depth 1.5mm, 3mm
Frequency 7MHz, 10MHz
Treat line 5.0-15mm
Spacing 1.0-5.0mm

Pen Type

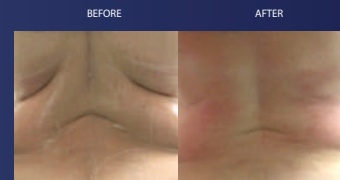
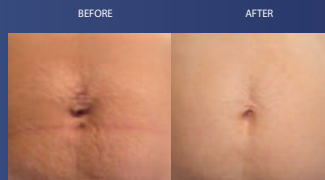
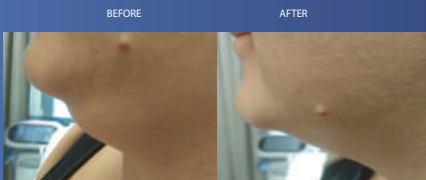
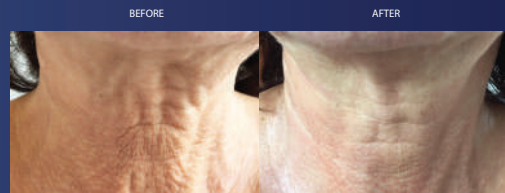
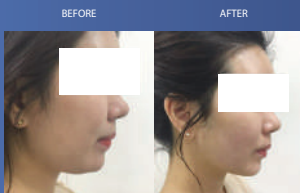
P4D P7M
P10S

Depth 1.5mm, 3mm, 4.5mm
Frequency 4MHz, 7MHz, 10MHz
Treat line N/A
Spacing N/A

Body Type

C3N C3C
C3F

Depth 8.0mm, 13.0mm, 18.0mm
Frequency 3MHz
Treat line 5.0-30mm
Spacing 1.0-5.0mm



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Manufactured by

Primelaze®

We rise by our service