



UF MPT vs UF3 COMPARISON



ABOUT ULTRAFORMER MPT

New Version of ULTRAFORMER is released.

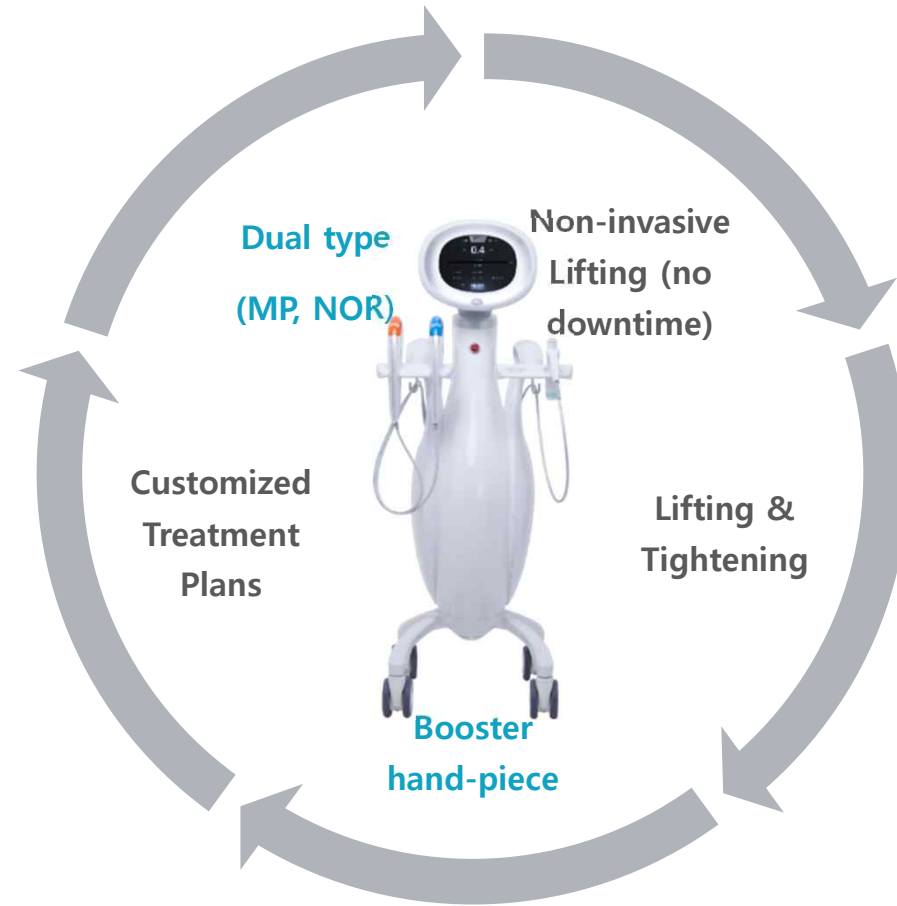
Then, what is the main difference?



UF3 vs UF MPT



About ULTRAFORMER MPT



New paradigm of HIFU treatment

Part 1

About ULTRAFORMER MPT

ULTRAFORMER
.....MPT.....

I. Dual Mode – MP/Nor(Dot)

II. Fast Speed

III. Ergonomic Design

IV. New Handpiece (ULTRABOSTER)



Ultra F H/P



Ultra Booster H/P

About ULTRAFORMER MPT

10 Cartridges

FACE



7Mhz 1.5mm
DERMA



5.5Mhz 2.0mm
I



7Mhz 3.0mm
CELUP



4Mhz 4.5mm
LINUP

BODY



2Mhz 6.0mm



2Mhz 9.0mm



2Mhz 13.0mm

BOOSTER



7Mhz 1.5 mm
DERMA BOOSTER











7Mhz 3.0mm
CELUP BOOSTER



4Mhz 4.5 mm
LINUP BOOSTER

About ULTRAFORMER MPT: Dual Mode

UF3	UF MPT		
Macro-Focused 	Macro-Focused 	Macro-Focused MP Mode 	MP Mode 
Micro-Focused 	Micro-Focused 	Macro-Focused Normal Mode 	Normal Mode 

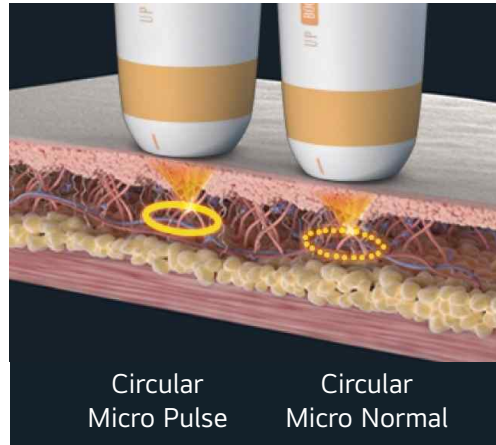
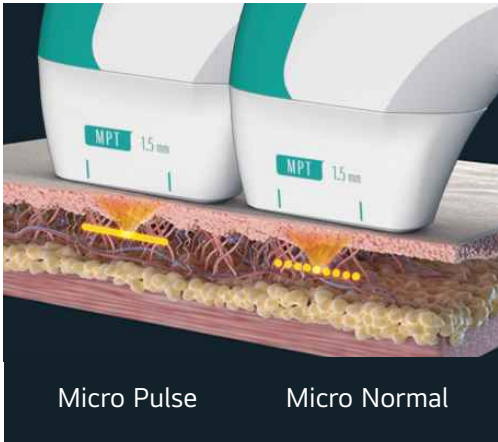
MP (micro-pulsed) mode:

TCP formation: with one shot in the treatment length of 25mm, more than 400 TCP (thermal coagulative points)

Clinical Benefits: such a wider energy emission causes the wider treatment areas → effective fat ablation

Pain Level: MP modes 2.5 times faster than normal mode → less pain with maximizing the effectiveness of the treatment.

About ULTRAFORMER MPT: Dual Mode



Macro-Focused



Micro-Focused



Macro-Focused
MP Mode



Macro-Focused
Normal Mode



MP Mode



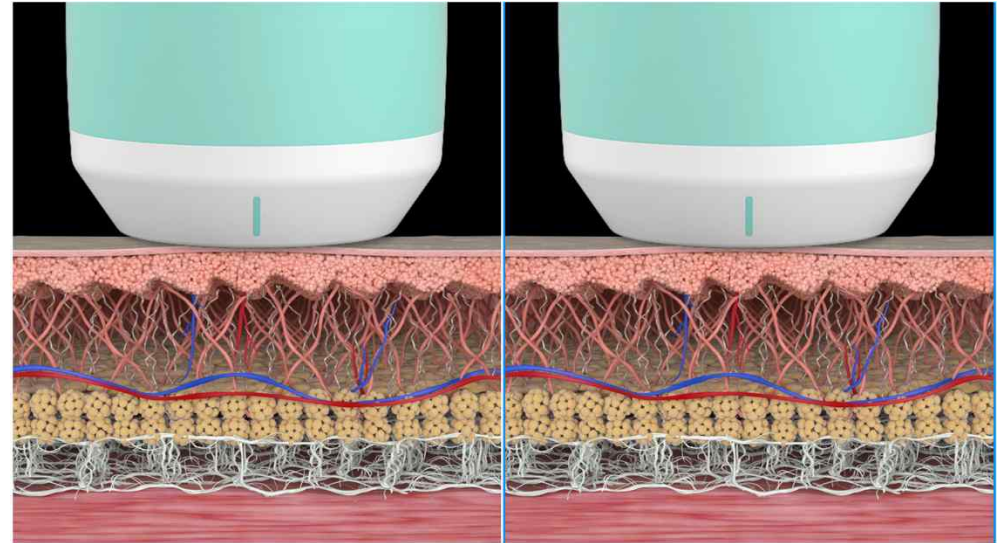
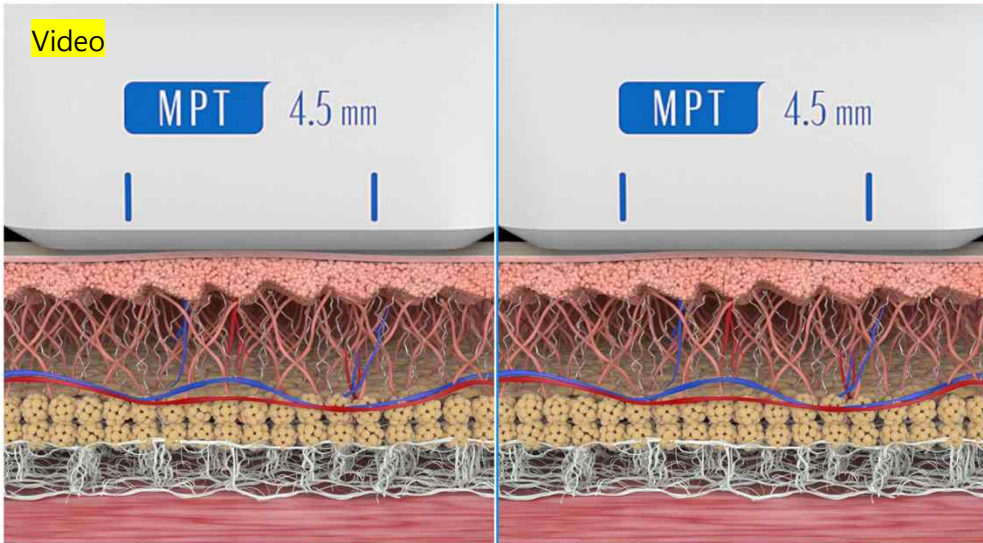
Normal Mode





Part 1

About ULTRAFORMER MPT



ULTRAFORMER
.....MPT.....



ULTRA F

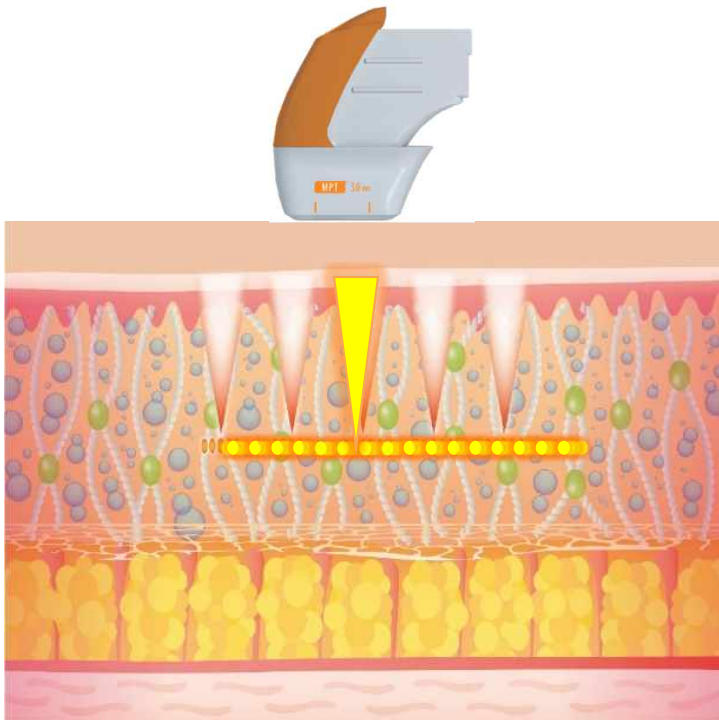
- MP  Wide and bulk thermal effects- **effective for fat ablation**
- NOR  Precise TCP formation- **lifting and tightening**

ULTRA BOOSTER

- MP  Sensitive and delicate skin - **anti-aging and skin brightening effects**
- NOR 

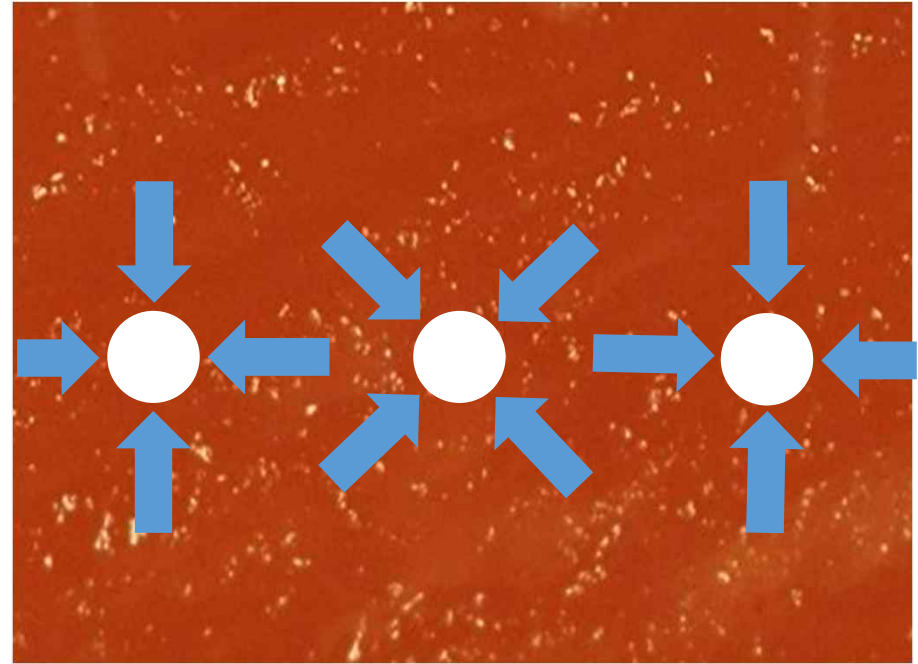
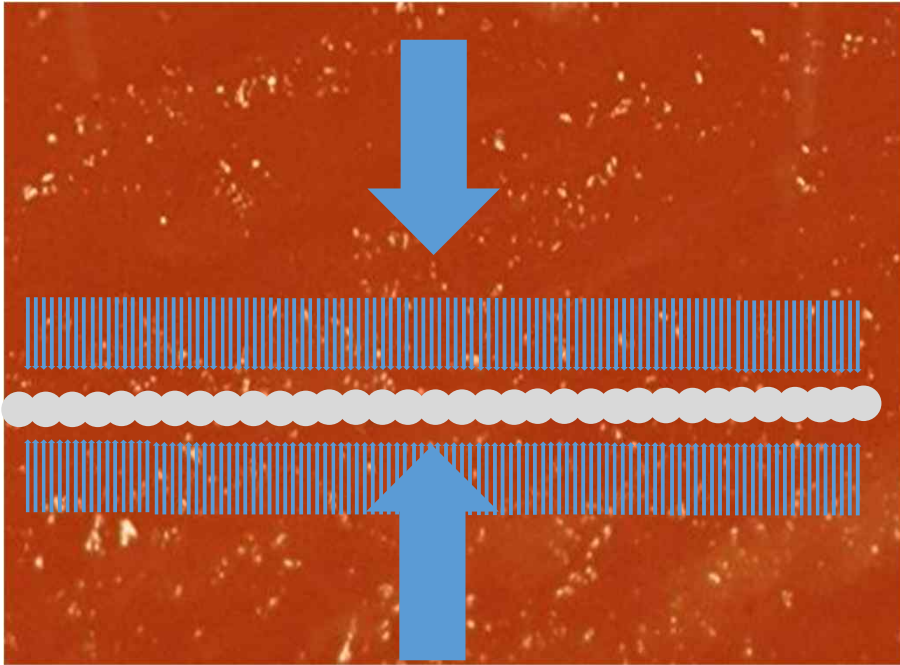
About ULTRAFORMER MPT: MP Mode

I. Dual Mode – MP/Nor(Dot)



- ✓ MP (Micro-Pulsed Mode) : Fast and dense TCP as liner type
- ✓ Effective for face contouring & fat ablation
- ✓ Successive accumulation of thermal energy relieves the patient's pain with quick treatment time

About ULTRAFORMER MPT: MP mode TCP direction



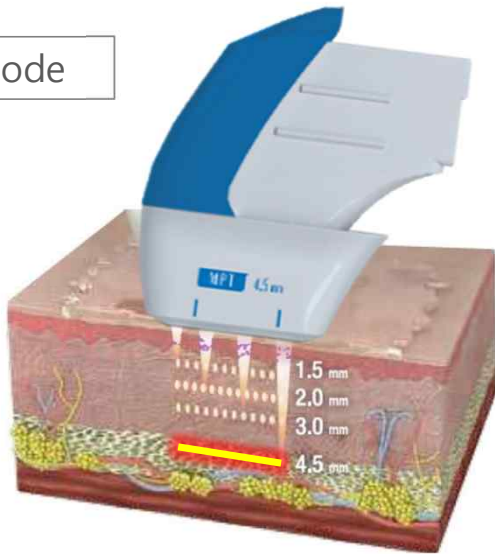
- Numerous TCPs contract in ONE direction

- Shrink in MULTIPLE directions due to the formation of a small number of TCPs

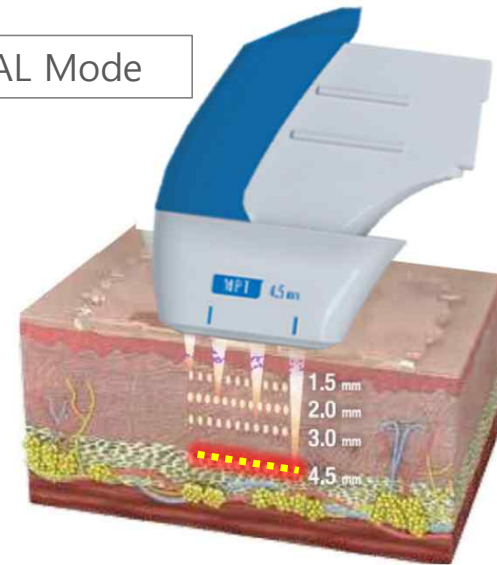
About ULTRAFORMER MPT: MP Mode vs Normal Mode

II. Fast Speed

MP Mode



NORMAL Mode



Wide or bulk Heating: more effective fat melting effects

Precise TCP: more lifting and tightening effect



Acryl test



0.416sec

Acryl test



1.004sec

About ULTRAFORMER MPT



■ ULTRAFORMER III ONE WAY PROCEDURE

Dot 1.004sec

Return to the start spot **0.5sec**

Dot 1.004sec

2.492sec / 2 Shots

■ ULTRAFORMER MPT 2 WAY PROCEDURE

MP 0.416sec

Return to the start spot **0.1sec**

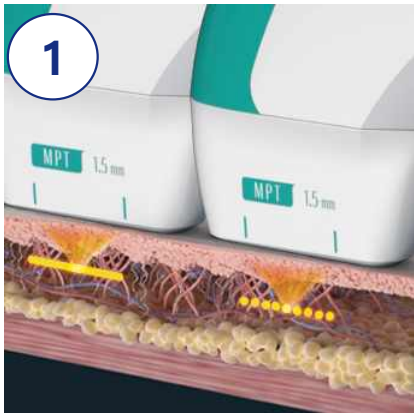
MP 0.416sec

0.932sec / 2 Shots !!

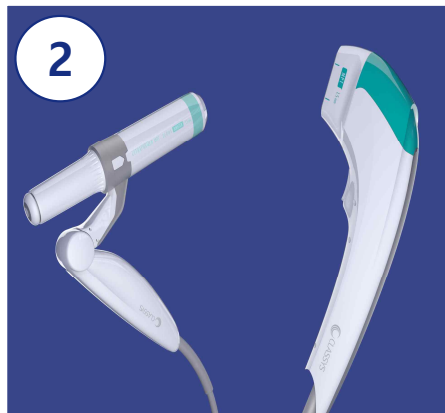
* **NOR**
1.78sec / 2 shots

TREATMENT SPEED **2.5 TIMES FASTER** (MP MODE ON)

III. Ergonomic Design



1
TWO TREATMENT MODE operated simply by touching the screen



2
Two TTPEs Hand-pieces for customized treatment



3
Hand/Foot (multi trigger source)



4
Ergonomic CARTRIDGE size



5
Lighter hand-piece

About ULTRAFORMER MPT

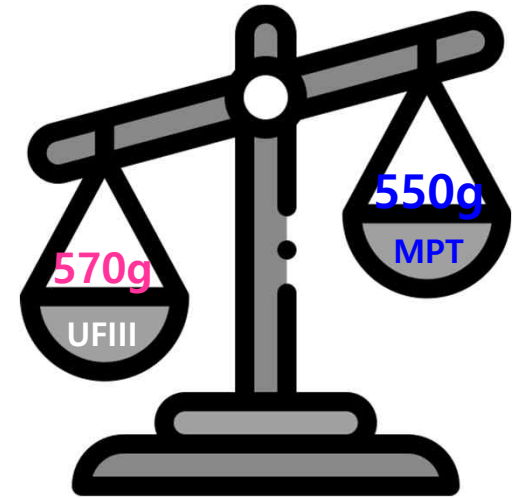
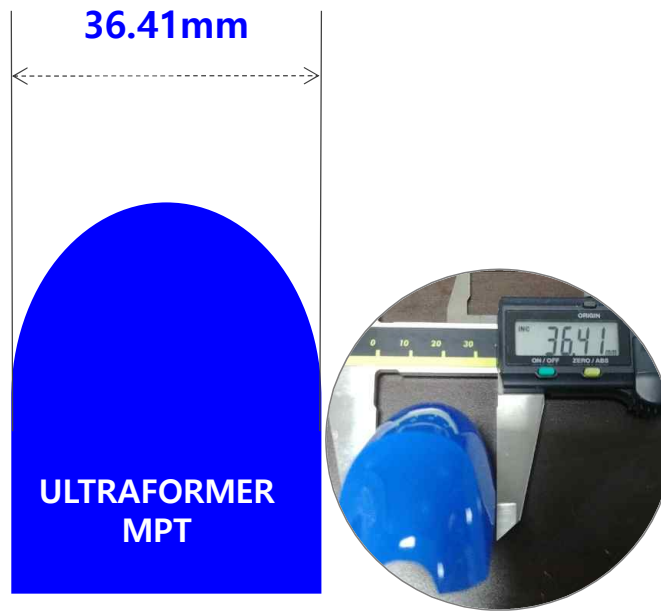
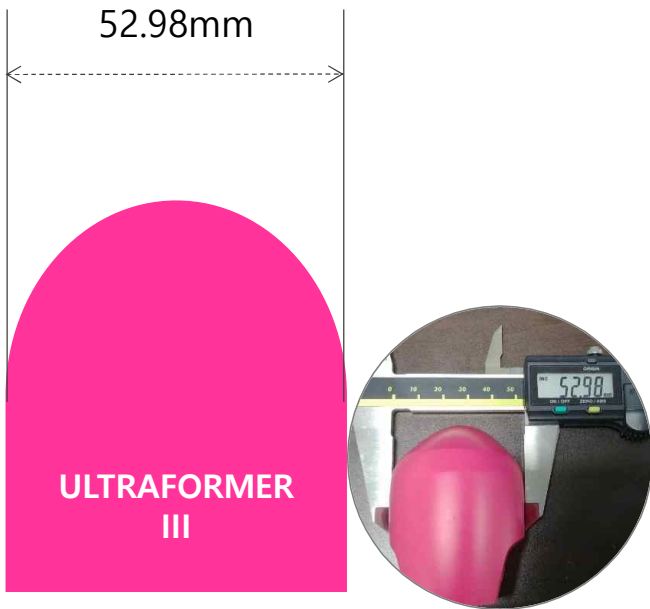
ULTRAFORMER
.....MPT.....



Approx 20% slimmer Face cartridge

Approx 11% slimmer Face 2mm cartridge

About ULTRAFORMER MPT





16.57mm Smaller cartridge head size

IV. NEW HAND-PIECE

Ultra F





Thermal Coagulation Point dots & lines 2 mode treatment for maximized treatment effects

ULTRAFORMER 3	ULTRAFORMER MPT	
9'	(Nor) 4' 30" 	(MP) 2' 

UltraBooster



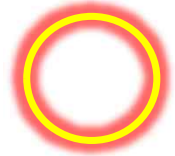
Thermal Coagulation Point+ circular in-motion treatment

ULTRAFORMER MPT	
(Nor) 4' 40" 	(MP) 2' 40" 

About ULTRAFORMER MPT



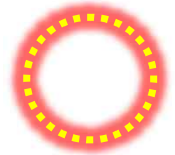
7MHz 1.5mm
Derma Booster



MP Mode
Pitch 0.0059mm
0.000997sec / 1 TCP
Total TCP MORE THAN 400
Procedure Time 0.416sec



7MHz 3.0mm
Cell Up Booster



Normal Mode
Pitch 1.5mm
0.065sec / 1 TCP
Total TCP 16 TCP
Procedure Time 1.04sec



4MHz 4.5mm
Line Up Booster

- Efficient and precise energy delivery to **narrow and curved area** of the face
- Non-invasive skin-boosting effects with **DSB ampoules**
- Synergistic effects between lifting, **brightening, and moisturizing**
- **Finalizing step:** no need to wipe it off as you would do with a typical ultrasound gel

Indications with 3 different ways



Normal mode

Clinical Results

- ✓ Fine Wrinkles
- ✓ Face Lifting
- ✓ Face elasticity



MP mode

Clinical Results

- ✓ Face Contouring
- ✓ Nasolabial fold and Mid face lifting
- ✓ Collagen and Elastin Regeneration



Booster + DSB

Clinical Results

- ✓ Skin Brightening and Moisturizing Effect
- ✓ Increased Dermal Layer Density
- ✓ Body Tightening & Lifting

Treatment Effect with DSB

DSB Ampoule Effects with 38 Active Ingredients



Brightening and Tone-Up

- ✓ Glutathione
- ✓ Niacinamide



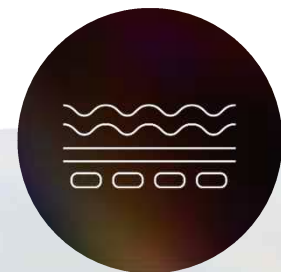
Skin Regeneration

- ✓ Glutathione
- ✓ PDRN (Sodium DNA)
- ✓ Centella Asiatica



Skin Hydration

- ✓ 7 Hyaluronic Acids
- ✓ Arginine



Anti-Wrinkle and Skin Elasticity

- ✓ Adenosine
- ✓ 10 Multi-peptides
- ✓ 17 Amino Acids

Treatment Effect with DSB

ULTRAFORMER
.....MPT.....

DSB ULTRABOOSTER Treatment

Treatment area from epidermis to SMAS Synergy Effect with an exclusive DSB ampoule

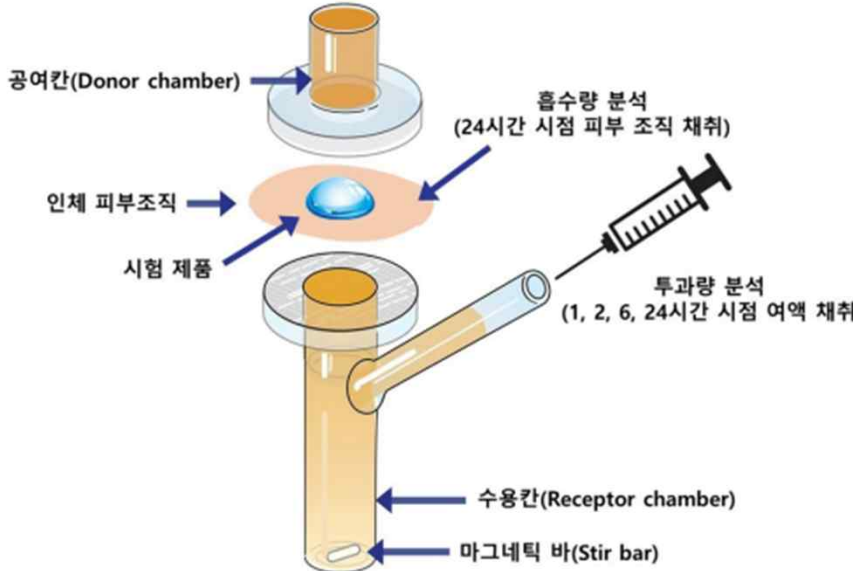


Treatment Techniques



Evidence Based Clinical Background

Ex vivo Reports

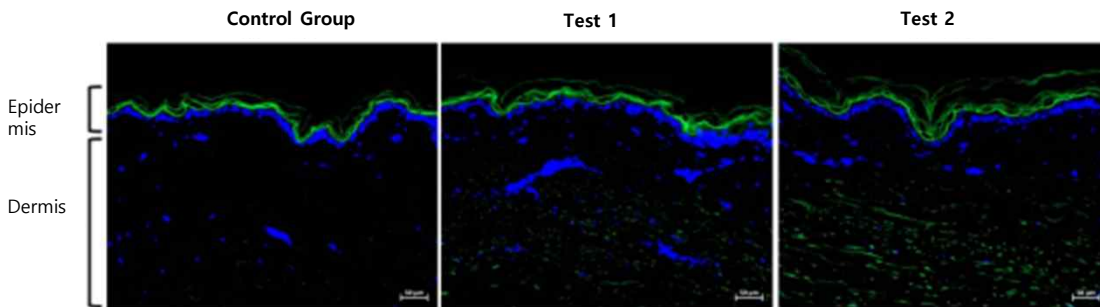
Study Aim	Study Methods:
<p>to assess the permeability of DSB ampoule using MPT BOOSTER CARTRIDGE and to compare the permeability rate between</p> <p>DSB+ no use of MPT</p> <p>MPT 10 shots with DSB</p> <p>MPT 20 shots with DSB</p>	 <p>공여칸(Donor chamber)</p> <p>흡수량 분석 (24시간 시점 피부 조직 채취)</p> <p>인체 피부조직</p> <p>시험 제품</p> <p>투과량 분석 (1, 2, 6, 24시간 시점 여액 채취)</p> <p>수용칸(Receptor chamber)</p> <p>마그네틱 바(Stir bar)</p> <p>그림 2. 경피흡수시스템 모식도</p>

Evidence Based Clinical Background

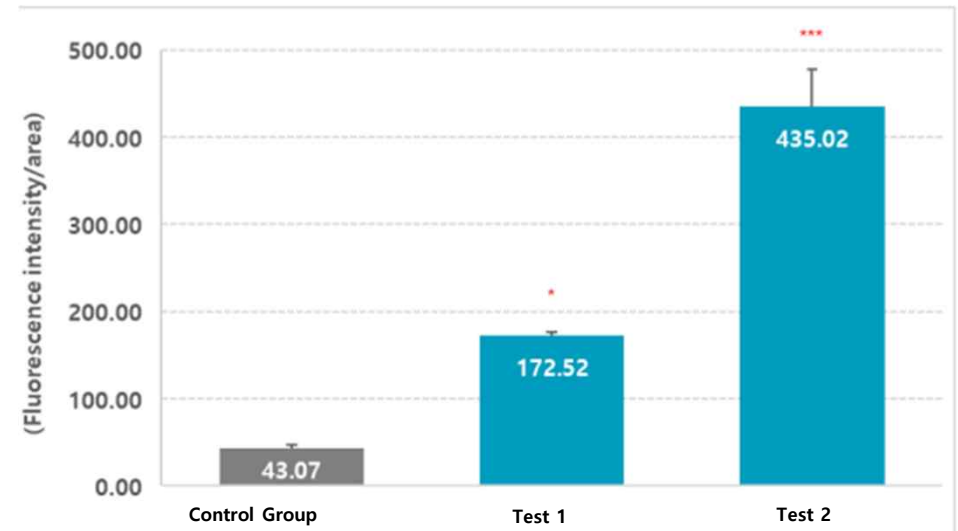


Ex vivo Reports

Study Results



Cross-section fluorescence image of human skin tissue after 24 hours



Graph of fluorescence image intensity analysis of human skin tissue at 24 hours

(평균±오차, one-way ANOVA, (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$))