



IN and OUT at once, the secret is X-mode!

3D CONTOURING

### Xyblo



### SKIN UP KOREA Introduction



SKIN UP KOREA provides the medical esthetic system that provides the best solutions to realizing beauty.

- 1 March 2013 AQUA ST Peel, hair and beauty equipment first approval obtained, rental business executed
- 2 July 2016 Sales of Hifie, the first HIFU esthetic licensed equipment for esthetics
- 3 July 2018 Launched the first Aesthetic Body & Face HIFU DPL (24 months interest-free installment rental)
- 4 August 2018 Launched Ultra Jet Peel (24 months interest-free installment rental)
- 5 April 2020 Launched MacSure (24 months interest-free installment rental)
- 6 May 2021Launch of Xyblo (24 months interest-free installment rental)



#### Hifie

#### **Ultra Jet Peel**

#### DPL

#### **MacSure**

#### **Xyblo**













### DPL is the start

# The completion is Xyblo

Xyblo = DPL + X-mode

### The secret of X-mode

**Unknown** 

**Unlimited change** 

 $\times$  ×3

Cannot be copied

# Mala le

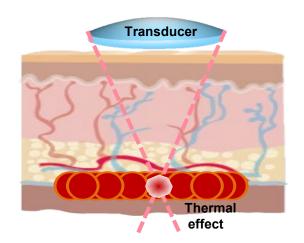
### About HIFU



### HIFU(High Intensity Focused Ultrasound) is a technology that provides elasticity and lifting without damaging the skin surface

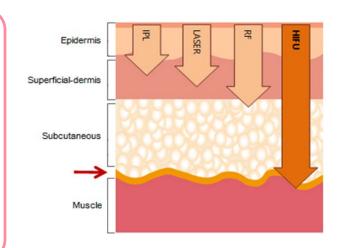
Non-invasive treatment using the heat energy generated by focusing the high-intensity ultrasound generated by the transducer on one point

- ✓ Generates enough energy to create a hot spot in the skin
- ✓ No damage to surrounding tissues other than the target point
- ✓ No harm when passing through human tissues
- ✓ No infection or bleeding with non-surgical methods
- ✓ Stable treatment with few side effects



#### HIFU targets the deepest SMAS layer among existing skin lasers

- ✓ SMAS(Superficial Muscular Aponeurotic System)
- $\checkmark$  The outermost muscle tissue, the space from just below the dermis to above the muscle layer
- ✓ Also called the facial muscle layer, the layer that causes the skin to sag and wrinkle
- ✓ The layer that is located at a depth of 4.5mm below the skin and is the main target for 'facial lift' and 'botox treatment' in which the skin is incised (Face)
- ✓ Reduces the size of the subcutaneous fat layer under the skin (Body)



## Xyblo

### About HIFU



O Before & After (DPL)

**DPL Before & After** 







- 1 Celebrity Lifting
- 2 Hollywood Lifting
- **3** Top 3 Lifting Equipment
- 4 Painless Lifting
- Gets rid of double chin Makes skin resilient



#### O Inmode Principle and Features

Inmode is a lifting equipment made in Israel that is an anti-aging lifting that uses RF (radio frequency) energy to sequentially pull the epidermis, dermis, and fascia (SMAS) layers. In addition, HVP (High Voltage Pulse) technology is introduced, which effectively destroys fat cells.

Stage	Treatment Area	Effect
Stage 1	Fat layer, Fascia layer	Induction of fat cell removal
Stage 2	Epidermis, Dermis	Induction of collagen remodeling



It has lifting and anti-aging effects such as double chin, smooth chin line, elasticity lifting, collagen remodeling, tightening, fine wrinkle improvement, skin tone and skin texture improvement.





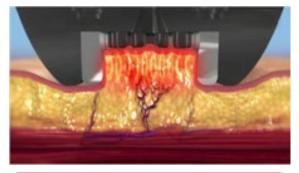


#### Mechanism of Inmode treatment

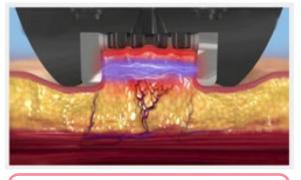




MINI FX
Fat Cell Destruction &
Face Contouring



Inducing unnecessary fat cell destruction by sending high-frequency energy and highvoltage electrical stimulation to the fascia layer. Improvement of cheekbones, deep cheeks, and double chin



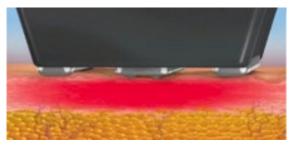
High Voltage Pulse
Destroy fat cells by delivering electrical energy only to fat cells with high-voltage electrical stimulation





Collagen Remodeling & Skin Tightening

**FORMA** 



High-frequency energy is irradiated to the dermis and epidermis to promote collagen production and elastin regeneration. Elasticity improvement, skin texture improvement, fine wrinkle improvement effect



#### **O** Prices





인모드슈링크 패키지 99만원도 함께 확인하세요 피카소의원 2가지 시술 패키지를 알아보세요 의료진과 상담 후 나에게 필요한 시술이 어떤것인지 결정하세요

인모드리프팅 상담은 피카소의원

Inmode
Package Price
\$ 1,280





빠른 리프팅 효과가 있는 인모드리프팅 패키지 가격은? 150만원에 해결할 수 있어요! 내가 생각했던 시술보다 더 많은 시술 패키지를 만나보세요

#### O Before & After







Before After

Before After

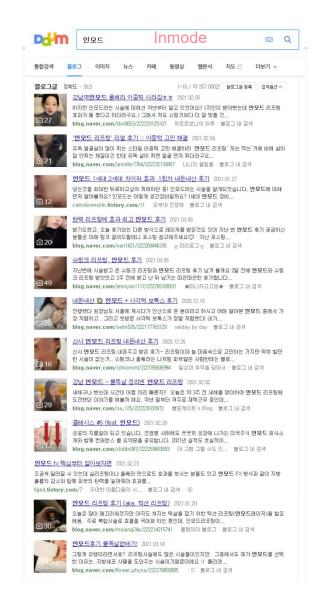
<sup>\*</sup> Source: ID DERMATOLOGY Website

<sup>\*</sup> Source: Inmode Website



#### O Great Popularity





### About INDIBA



### O INDIBA Principle and Features

**INDIBA** is a high-frequency device developed by the Spanish physicist Jose Calvet.

#### **INDIBA Deep Care Technology**

INDIBA Deep Care Technology is based on the certified CRET system. With a frequency of 448 kHz, it produces three biological effects: biostimulation, vasodilation and hyperactivation.

This process increases cellular metabolism, blood flow and blood circulation, while also increasing tissue and cell oxygenation. INDIBA Deep Care produces new collagen fibers, removes toxins from the tissues, and improves lymphatic drainage.

Numerous scientific studies have demonstrated the intrinsic properties of 448kHz frequency utilization – normalization of cell function, regeneration, anti-inflammatory, anti-pain, anti-adipogenic and stimulating effects on stem cells.

#### O Effects and Indications

Body fat burning, cellulite discharge, pain relief due to circulation disorders, aging cell removal, etc. management (loosening tight muscles, releasing toxins), lower body management (thigh size reduction, lifting effect, hip-up effect), relieves stiff muscles in the abdomen and lumbar region





### About INDIBA



### **O** Equipment Price



Treatment Mode	Characteristics	
CET Mode	Activates the regenerative circulation of tissues close to the surface of the skin tissue and acts on specific fat cells to activate venous blood circulation to promote skin tissue regeneration and facilitate the decomposition and discharge of fat cells	
RET Mode	High-frequency energy is easily delivered up to several centimeters of skin tissue, quickly releasing stiff nodules, and regenerating elastin and collagen fibers, which is effective not only for fat dissolution but also for body lifting.	

<sup>\*</sup> CET is Capacity Electric Transfer, RET is Resistive Electric Transfer

### O Before & After









Before After Before After

### About INDIBA



#### O Great Popularity



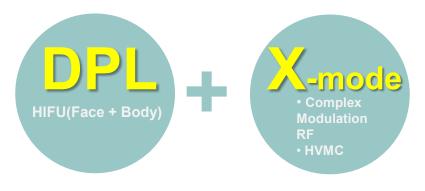


### **Xyblo Introduction**



#### O Xyblo

With celebrity lifting, it simultaneously implements painless reduced lifting and full lifting!





Korea's First, Esthetic's First Implementation of Quad-Polar Technology

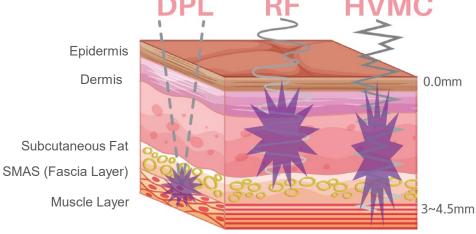


0.5MHz, 1MHz Cross-Modulated High Frequency **HVMC(High Voltage Multi Current) Electrical Stimulation** 

> Complex Modulation

- HIFU: SMAS(Fascia Layer) Stimulation
- 0.5MHz RF: 2~3.5mm
- 1.0MHz RF: 0.2~2.5mm
- HVMC: 0.2~5mm
- Pain-free multi-skin regeneration
- Epidermis, dermis, subcutaneous fat, fascia regeneration effect
- Collagen regeneration, improvement of wrinkles and sagging
- Minimize side effects such as bruising and erythema during the procedure
- **Down Time minimization**





### **Xyblo's Characteristics**





#### Safe Procedure

Korea's First•Esthetic's First Implementation of Quad-Polar Technology



#### Multi Skin Rejuvenation

Skin Texture, Elasticity, Sagging Skin, Double Chin Improvement



#### **Sophisticated Operation**

- Double Chin and Contour with HIFU
- Pace Elasticity and Collagen Production with HVMC
- Oetailed treatment is possible with HIFU handpiece and Quad-Polar handpiece



#### **Elasticity Rising From the Skin**

By delivering thermal RF energy to the dermis layer, it stimulates the dermal layer tissue to activate collagen and elastin regeneration, making the skin firm and transparent.

- Cross-modulation System of RF and HVMC
- 0.5MHz and 1MHz Cross-Modulation System
- Cross-Modulation System of Exo-Boost and ESW (Electric Shock Wave)
- 4 Separate mode available for Exo-Boost
- 6 All functions available separately
- Equipped with Auto Function that is easy for the operator to use







### **Xyblo's Characteristics**





E.-S. Kim et al.: Highly Efficient Transfection Effect of TDD via Skin by Hybrid BAPS and DPEP Technique

**IEEE** Access



FIGURE 9. Voltage shape of the DEFF technique at (a) 5°; showing the AC (waveform) formed by controlling the high-pressure relay, and (b) showing the DC waveform. The high-pressure relay is a combination of high and low voltages controlled through the control unit; this allows the output of the same type of voltage as at 5°. This electronic voltage is transmitted to both ends of the electrode part and is outputted to the

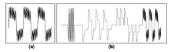


FIGURE 10. (a) Voltage obtained using the BAPS-DPEP technique. (b) Voltage obtained when using the BAPS and DPEP techniques separately and simultaneously at different periods.

determine the upper and lower levels. With an increase and a decrease of the DC voltage level, the pulse width increases and decreases, respectively, and this determines the frequency of the high-voltage pulse. In addition, the pulse generator determines the level of high and low voltages depending on the control unit, and outputs the high and low voltages simultaneously

The DPEP technique shows the voltage in the form of AC and DC waveforms, as shown in Figs. 9 (a) and (b). The AC waveform is formed using the control unit of the high-pressure relay unit. The high-voltage relay unit produces voltage, as shown in Fig. 8, by combining high and low voltages depending on the control unit. These electroporation voltages are transmitted to both ends of the electrode and outputted to the user's skin. As shown in Fig. 7, the control unit controls the driving unit of the plasma-processing unit and high-pressure relay unit of the voltage variable to separately perform plasma generation and electronic operation. Fig. 10 (a) shows the voltage at which the control unit is operated simultaneously with the plasma processing unit for plasma generation and with the voltage variable unit for electronic operation. The voltage at which the form of motion was changed at a given time (or with time change) is illustrated in Fig. 10 (b). As shown in Fig. 10 (b), the voltage may vary according to time or create a new waveform that fits the user's

Therefore, when the hybrid BAPS-DPEP technique stimulates the user's skin, both high and low voltages that are effective in forming a skin passage are simultaneously produced, resulting in new channels for effective ingredients to be absorbed by the skin in large quantities, and with deeper penetration into the skin. The hybrid BMPS-DPEP technique outputs high and/or low voltages at specified frequencies, generating plasmas and peaks for electroporation for highly efficient TDD effect on user's skin.

The measurement test employed 20 female subjects, with an average age of 44 years. To evaluate the device performance, the test subjects were stabilized for 30 min in a waiting room with an indoor temperature of 20-25°C and humidity of 40-60% to adapt the skin surface temperature and humidity to those of the environment. Further, moisture intake was limited during stabilization. The results of 20 female patients before/after using the device + ampoule and before/after using ampoule are in the Supplementary Figs. S.8-12. To verify the change in skin absorption, two methods were used. Both ampoule group and ample with arc plasma and electroporation device group significantly increased (p < 0.05) after 30 min. In addition, the ampoule with arc plasma and electroporation group showed a significant difference (p < 0.05) after 30 min of use compared to the group using the ampoule alone. The results in the skin-absorption speed and depth ampoule in the electroporation group has a significant difference (p < 0.05) than that of the group that used ampoule group are in the Table 2 and Supplementary Fig. S7. Adverse skin reactions were not reported during the period of use of the test product, and abnormal findings were not observed by a dermatologist.

#### VI. PROCESS OF USING THE HYBRID BAPS-DPEP

The hybrid technique using the Leaf Fusion Plasma can be defined in two stages. (1) Before applying the fusion plasma, makeup should be removed by using a cleansing cream and the skin should be air-dried for approximately 1-2 min, as plasma may not properly form if water remains on the face. (2) After the skin is completely dry, the Leaf Solution Hyaluronic Acid Ampoule is applied first, and the device is used to spread the solution evenly on the face. Both steps (1) and (2) take 5 min each for application of the solution onto the face surface. The ampoule was applied to the designated area by dividing it into two areas on the forearm of the test subject: (1) the area where the ampoule & device are used simultaneously and (2) the area where only the ampoule is used (3 cm (width)  $\times$  4 cm (length)). On each area, 4  $\mu$ L/cm2 of the ampoule was applied. The plasma device was used only in the area where both the ampoule and device were used. For mechanical evaluation, the test subjects were stabilized for 30 mins at room temperature under constant temperature of 20-25 °C and humidity of 40-60%. The temperature and humidity of the skin surface were adapted to the environment of the measurement space, and the moisture intake was restricted while at rest. Objective measurements were conducted by a researcher.

#### VII. MEASUREMENT OF SKIN ABSORPTION

Skin absorption was measured using the 3D Raman Microscopy System Nanofinder®30 (TOKYO INSTRU-MENTS, Japan). Raman spectroscopy can detect a change in wavelength that occurs during scattering phenomenon due to the irradiation of light onto a material; this method has

As a result of comparison between the group using only the ampoule and the group using the electroporation, the group using the electroporation together started to show a significant difference after 30 minutes.

In particular, there is a marked difference in skin absorption rate and depth.

#### Study Confirms Electroporation Advantage 00 Times More Effective vs. Iontophoresis

By Bob Kronemyer, Associate Editor

Expanding therapeutic opportunities presented by transder- stratum corneum exclude the transfer of all but the smallest molmal delivery of drugs has a major benefit in the go of pest ecula ingradients. Needle injection is efficient in delivering medithetics. Transdermal drug delivery has advantag Galvanic Squired depth in tissue but includes downsides. due to its non-invasive. While these downsides may be insignificant in non-aeshetic of ontophoresis ovscily important to those potients under ontestinal fract tightly going assinetic therapy, especially in production of the contract of th localized treatment is possi500 Times More Effective!!

tissue depth mandates that the concentration and quantity of topical be maintained without significant dilution. Penetration must therefore be fast and not limited by the sparse distribution of the appendages in tissue. Reality suggests that the technology and method used for delivery is the most important factor in duplicating syringe injection techniques.

Understanding technology differences may have a significant impact on a practitioner's choice of equipment for transdermal delivery and the potential success experienced by patients.

Electroporation







Several device manufacturers claim an ability to deliver top- in particular iontophoresis, electropermeabilization and elecicals through the epidermis and achieve significant penetration troporation is complex and most often familiar to those in the in deeper layers of tissue to duplicate the efficiency of a fields of molecular and cellular biophysics. Iontophoresis syringe injection. Efficient delivery of materials to a significant devices are often promoted as electroporation systems and claim transfer of materials to a significant depth in tissue despite the fact that the technology they use is entirely unsuited for this purpose

> Understanding technology differences may have a significant impact on a practitioner's choice of equipment for transdermal delivery and the potential success experienced by patients.

\* Contents of SCI-level papers registered in IEEE Access, a renowned international journal

### Xyblo Improvement Effect (Indications)





Skin Texture,

Skin Tone

eduction



- ✓ Body Fat Burning
- ✓ Cellulite Excretion
- ✓ Pain Relief from Circulatory Disorders
- √ Remove Senescent Cells
- √ Loosens Tight Muscles
- ✓ Drains Toxins
- ✓ Reduction in Thigh Size
- √ Hip Up
- ✓ Relaxation of stiff muscles in the abdominal and lumbar spine

Skin Elasticity Improvement

### **Example 2 Xyblo Precautions During Treatment**





This device should only be used by professional caretakers.



Avoid procedures around the eyes or around the thyroid gland.



Avoid areas such as cuts, eyeballs, around the eyes, lesions, numb areas, and ears.



Turn off the device when it is not being used for a long time.



Before treatment, please explain enough to the customer. (Post-treatment management method, pain level, etc.)



After the procedure, swelling, itching, and redness may occur.



After the procedure, you must use a soothing/moisturizing/regenerating cream and sunscreen as home care.



Xyblo is complete with **Exosomes**. When **combined with Exosomes**, you can see more **excellent effects**.

### Xyblo Q&A



### Q. Why is Xyblo special?

- A. ✓ Xyblo is Korea's First, Esthetic First in incorporating Quad-Polar technology.
  - ✓ It uses 0.5 MHz, 1 MHz cross-modulated high frequency.
  - ✓ It features a cross output of high frequency and HVMC (High Voltage Multi Current).
  - ✓ It is possible to care for the epidermis, dermis, subcutaneous fat, and fascia.

### Q Is the pain severe?

A. ✓ Xyblo is the most painless procedure among lifting procedures.

### **Q** What is the treatment cycle?

- A. ✓ X-mode is recommended 10X once or twice a week
  - ✓ DPL is recommended 10X once a week.

### Q Is there anything special about the procedure?

A. ✓ Xyblo is complete with Exosomes.
When combined with exosomes, you can see more excellent effects.



### **Xyblo Recommended Treatment Program**





### **Management Fee and Profitability**





## Xyblo

### Inmode VS INDIBA VS Xyblo



### Inmode

### **INDIBA**

### Xyblo

### Output Mechanism

- RF, +Suction, +HVP
  - (High Voltage Pulse)
- Penetration depth of 448KHz
- Modulation Frequency
- RF Modulation Frequency Possible (0.5+1.0MHz)
- Electrical output of HVMC
- •Equipped with HIFU function

### Characteristic And Effect

- Painless Lifting
- Hollywood Lifting
- Double chin fat removal possible

- Able to treat various pains and obesity
- Face, whole body management possible
- The strongest among high-frequency outputs
- Like Inmode, painless and resolves double chin, skin texture, and elasticity
- Face, whole body management with modulation highfrequency

#### Cons

- Bruising caused by suction
- Face elasticity is improved, but face shrinking function is poor
- The effect of improving skin scars and pores is inferior to that of Thermage and MacSure

### Xyblo B&A



**Xyblo Before & After** 

### KC Certificate



### **Xyblo KC Certificate**

### THANK YOU

Xyblo

