



# Aphrodite

Laser specially for women

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Fractional CO<sub>2</sub> Laser RF-Driver





# Laser for obstetrics and gynecology

This equipment has the newest RF tube and stamp method, and its hand piece can be exchanged for various purposes allowing for both CO<sub>2</sub> fractional laser and ultra pulsed CO<sub>2</sub> laser procedures. In particular, the SUI Handpiece (Stress Urinary Incontinence) and VR Handpiece (Vaginal Rejuvenation) procedures are popular in gynecological treatments. By stimulating the collagen within the vaginal mucous membranes, the vaginal canal becomes more elastic after the procedure, to improve symptoms of urinary incontinence, other lesions in the vagina (vaginitis, vaginal dryness etc).

Improvement of urinary incontinence

Vaginoplasty

Whitening of labia majora and minora

Improved sexual satisfaction

Improvement in vaginal dryness

Improved vaginal atrophy

1. Non-surgical procedure (No- Bleeding)

2. No need for anesthetics and the procedure is pain free

3. Easy and quick procedure (Less than 10 minutes)

4. Quick recovery to daily activities



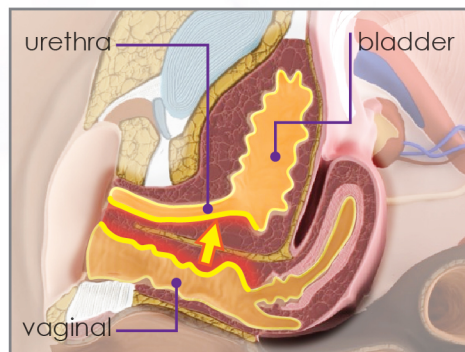
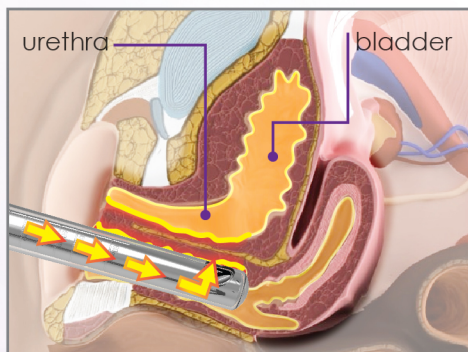
More convenient!

Safer!

Less painful!

Faster procedure!

## Treatment of Urinary incontinence



Optional

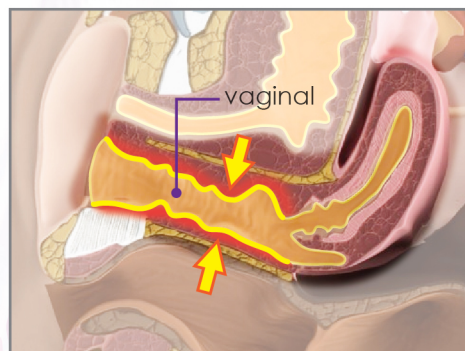
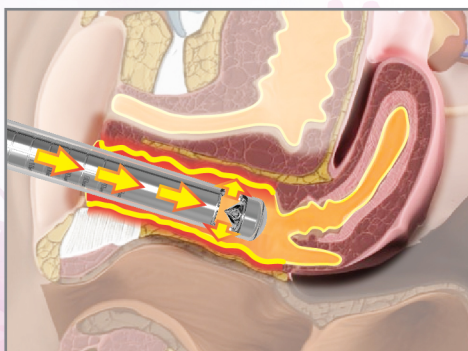


Disposable Cover (E.O. Steriled) of SUI Handpiece



In order to improve the symptoms of protrusion of the bladder or the urethra towards the vagina, the Aphrodite is used to tighten the vaginal walls.

## VENUS Tightening (Vaginal Rejuvenation)



Optional



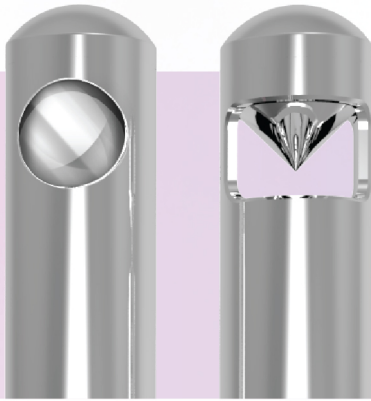
Disposable Cover (E.O. Steriled) of VR Handpiece



By delivering heat energy into the mucous tissue within the pelvis, collagen remodeling is induced, which in turn leads to contraction of the vaginal canal.



## All Metal Handpiece (SUI / VR)



## It has become more solid with Metal Lens

### SUI / VR Handpieces has evolved to All Metal

1. Stronger durability makes easier for repair.
2. Energy output is equivalent without power drop comparing to the previous lens.
3. Sterilization and disinfection process becomes more convenient as no influence from temperature fluctuation.

## Laser for Dermatology



Compared to previous CO<sub>2</sub> Laser, the modern RF tube and stamp method are used in this equipment. You can use CO<sub>2</sub> Fractional Laser or Ultra pulsed CO<sub>2</sub> laser by changing the hand piece on the purpose of use.

Wrinkle

Large Pore

Skin tone &  
Skin texture

Scar

Striae distensae

Wart etc.

### Stamp mode

The laser energy can be delivered into dermal tissues and collagen area deep by this Stamp mode operation that has ability to irradiate every laser beams toward vertical direction unlike a scanner mode operation.

### More Stable beam quality

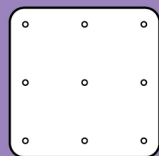
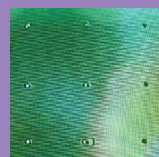
Aphrodite ensures the emission of very homogenous beams with 95% purity and M2 <1,2 at TEM<sub>00</sub> mode to be able to radiate stable energy on every pixel.

### Safe and quick treatment

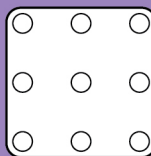
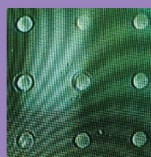
Easy to learn and use, Aphrodite brings faster results safely for your patients.

### Spot size comparison

#### Aphrodite



#### Other

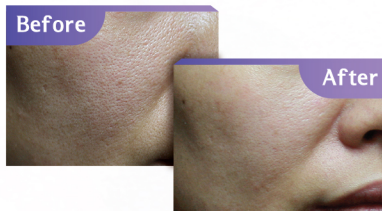


Smaller spot size enable the light to penetrate the skin deeply and decreases pains.

Spot size	(Unit: μm)
Aphrodite	70~80
Other stamp-type	200~250
Other scanner-type	250~300

## Clinical data

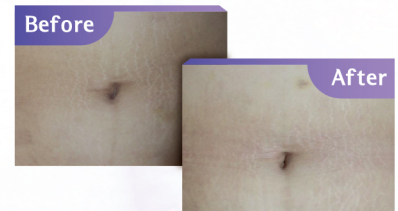
### Large pores



### Acne scars



### Striae distensae



# Comparison with gynecological procedures

	Aphrodite Procedure	Others	Former Vaginoplasty
Type of procedure	<b>Procedure using CO<sub>2</sub> Laser (10,600nm)</b>	Procedure using Er-YAG Laser (2940nm)	Surgery (Insertion of a tape under the urethra)
Anesthesia	<b>None</b>	None	Sedation anesthetics, local anesthetics
Pain	<b>Almost none</b>	Small amount of bleeding	Urinary problems, Pain and discomfort in the thighs and legs Increased risk of inflammation
Effect	<b>Improvement of urinary incontinence, Vaginal contraction, Vaginal tightening, Improvement in vaginal dryness</b>	Small improvement in urinary continence, vaginal tightening	Improvement of urinary incontinence
Shape	<b>Vaginal tightening</b>	Changes depending on the individual	No change
Side effects	<b>Almost none</b>	Almost none	Inflammation and dehiscence of the surgical scar. Exposure of the urinary incontinence tape used in the operation. Increased discharge.
Complications	<b>None</b>	None	Urinary difficulties and ongoing thigh pain may occur
Thermal Effect	<b>Present</b>	Minimal	None

## System Specifications

### General

Dimension (W x D x H)	320(W) x 710(D) x 1000(H) (mm) (Include Arm H : 1610mm)
Weight	55 Kg

### Laser system

Laser type	Fractional CO <sub>2</sub> laser, RF driver type
Wavelength	10.57 ~ 10.63 $\mu$ m, invisible infrared
Laser peak power	75W
Laser Average power	30W
Laser mode	Stamp, Spray, Ultra Pulse, CW
Spot size	70 $\mu$ m, 49 pixel (10 x 10 mm)
Delivery system	7-joint, fixed mirror articulated arm
Cooling system	Air

### Surgical system

SUI / VR Mode & Fractional STAMP Mode	Power 5.0 ~ 30.0 W On 10 ~ 1000 ms Off 10 ~ 3000 ms, Single
Surgical - Ultra Pulse	Power 5.0 ~ 30.0 W Pulse Width 400 ~ 1250 $\mu$ s On 10 ~ 1000 ms Off 10 ~ 3000 ms, Single
Surgical - Continuous Wave	Power 0.5 ~ 30 W

Ultra Pulse  
CO<sub>2</sub> Laser

CO<sub>2</sub>  
Fractional  
Therapy

Treatment of  
gynecological  
problems



### Obstetrics and gynecology

1. Vaginal contraction
2. Improvement of urinary incontinence
3. Improvement in vaginal dryness
4. Improved vaginitis
5. Improved sexual satisfaction

### CO<sub>2</sub> Fractional Laser

1. Wrinkle & Fine line
2. Skin Rejuvenation
3. Large Pore
4. Skin tone & Skin texture
5. Acne scar, Surgical scar

### Ultra Pulse CO<sub>2</sub> Laser

1. Wart
2. Circumcision
3. Cone, Clavus