

Vaginal Rejuvenation and tightening Laser

USER MANUAL



Chapter 1,Introduction of Vaginal Therapy

1-1 Preface

Many medical workers already paid much attention on the female vagina health in the early 20th century. “We should care about women and help them to enjoy the happiness of sexual life.” Elizabeth Blackwell, the first U.S female Medicine-Doctor said in 1902.

With the developing of society, female social status continually increases. The vagina health becomes unobscured and being attached importance by more and more women.

1-2 Female Reproductive System

Female reproductive system is the last mature but earliest get-old system in human body.

With the age growth, woman's face and body come to senescence and so does the private parts. In addition, giving birth and sex will accelerate the aging progress of vagina.

Senescent vagina just likes the disrepair house. The net of elastic fiber in vaginal wall is to vagina what steel skeleton is to house. Once the steel skeleton breaks down, the whole house will lost its support structure. Then the urethra, rectum, uterus etc will squeeze the original position of vagina, which causes a series of pelvic floor dysfunction disease, like uroclepsia, constipation, pelvic organ prolapsed. All of these will badly harm female health and sexual life.

1-3 Genital system aging

Besides, reproductive system aging will aggravate the senescence of other organs, in result of female senilism. It will badly influence sexual health, easily result in woman bad-tempered, depressed and disordered hormone secretion, then cause or sharpen chlosma. George P. Tomson also pointed that reproductive system senescence will speed up aging progress of face and body.

1-4 The effect of vaginal aging

Pigment Increase:Caused by long-term repeated gynecologic inflammation and toxin vestigital.

Dark Skin:Caused by unharmonious sexual life, disordered liver function.

Senescence Accelerated:Disharmony sexual life results in disorder hormone secretion.

1-5 The therapy of vagina

VRL is the most eye-catching therapy of non-invasive vaginal rejuvenation in European and America. Aiming at vaginal relaxation, disorder of vaginal inner environment, bad sensitivity and uracratia etc problems, it provides a series revolutionary, painless and accurate solutions, which is no anesthesia, no pain, no recovery and utilizes unique disposable sterile laser cover tube (avoid cross infection). It only takes 15 minutes for the whole treatment, can achieve lasting firming effect, and is the most popular new project for woman plastic body.

1-6 Enormous harm of loosen vaginal

Inharmonious Sexual Life

Sexual life is a very important part of emotional life. Vaginal relaxation can severely impact on the quality of couple's sexual life, then lead to inharmonious sexual life. And inharmonious sexual life must impact on couple's feelings, which will result in quarrel, betrayal, even divorce!

A. Easily be Infected

Vaginal relaxation will result in completely loss of vaginal self-cleaning capacity. Consequently, germs, toxin, dead skin cells and undrained menstruation will lead to external genitalia painful and itching, odor, discoloring, even stenching and cervical erosion, worse to pelvic inflammation. Eventually, female suffer a lot because of vaginal relaxation.

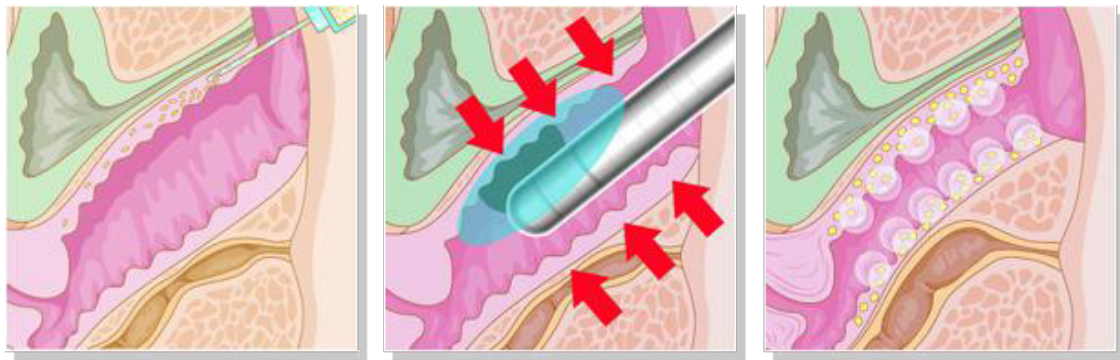
B. female become aging fast

Vaginal relaxation makes muscle tension decline and vagina mucosa atrophy, which will further result in female hormone secretion sharply decreasing, vagina and endometrium severely aging, labia wizening, dark and rough, even menstrual disorders. Next, many aging symptoms such as, obesity, chloasma, age pigment, eye bag, and wrinkle will come out, which make a female looks older about decades.

Chapter 2, Machine Working Theory

2-1 Theory

Use an articulate arm probe with 360° rotation technology, producing in 50-70°C at a controlled depth inside the vaginal mucosa - stimulates collagen contraction, restructuring and regeneration; promotes collagen fiber proliferating, remodeling; improves vaginal mucosa microcirculation; increases cell secretion and dynamic reaction function; corrects PH value of vaginal inside; improves the inside environment; achieve female private parts to significant lasting firming, nourishing and restoring harmonious sexual life.



2-2 Application

Thermal radiation make Mucosa tissue contraction and collagen fibers thereby improving and restructuring vaginal tightening.

1. Shrink vagina: rapid tightening, constriction, lasting firmness.
2. Beautify vagina: dilute pigment, pink labia.
3. Moist vagina: increase secretion, eliminate dryness.
4. Maintenance vagina: deep rejuvenation, prevent aging.
5. To improve sensitivity.
6. Private health, balance PH, improve the internal environment.

Chapter 3,Accessories List

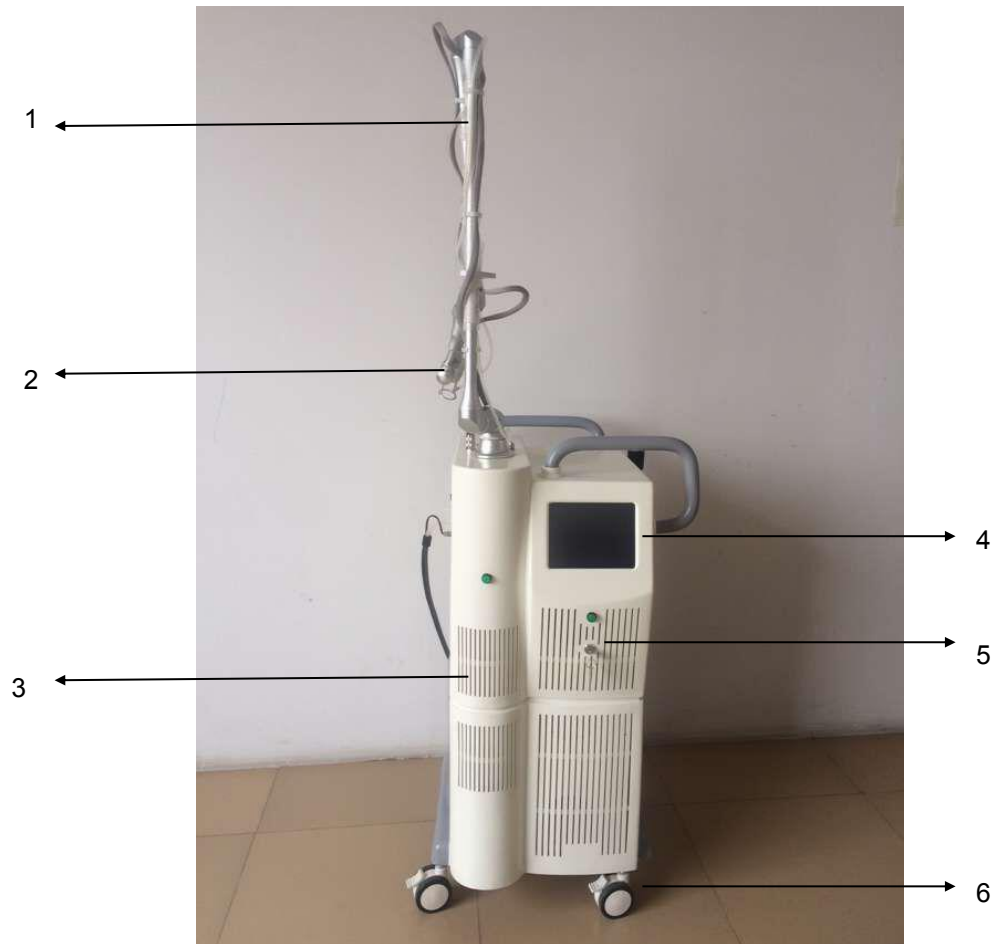
		
CO2 main unit	Guide light arm	Power cord
		
Key	Foot switch	Fractional laser head
		
Vaginal tightening head	pulse head	

Chapter 4, Specification

Wavelength:	10600nm
Laser apparatus:	Sealed off laser device simulated by direct current
Optical beam quality:	TEM00
Output power:	40w
Spot size:	0.02~0.05mm ²
Aiming beam:	Red semiconductor laser (635nm, less than 5mw)
Beam transport device:	Articulated arm with 7-joint and balance weight
Working mode:	Continuous operation
Output Mode:	Continuous, single pulse, interval pulse and super pulse
Scan scope:	Max 20mmx20mm
Scan graphics:	Circle, triangle, square, rectangle, hexagon, ellipse, line
Scanning Mode:	Random , Normal and Midsplit scan
Scanning speed:	More than 10m/s
Energy:	1- 40W
Distance:	0.1-2.6mm
Cooling system:	air circulation
Weight:	60kg
Dimension:	65*48*117cm
Power:	220V/11V

Chapter 5, Direction for Use

5-1 Every parts name



1. Joints of seven light guide arm

By seven joint light guide arm to complete the laser beam transmission. The light guide arm is the role of the laser transmission to patients to operation site (target).

2. Scanner

Graphics scanner can scan output, rectangular, round, hexagonal, triangular and other graphics, the largest area of about 20 * 20mm² scanning;

3. Main unit

It includes a high voltage power supply, a low-voltage power supply, control system, cooling system, laser system and blowing system.

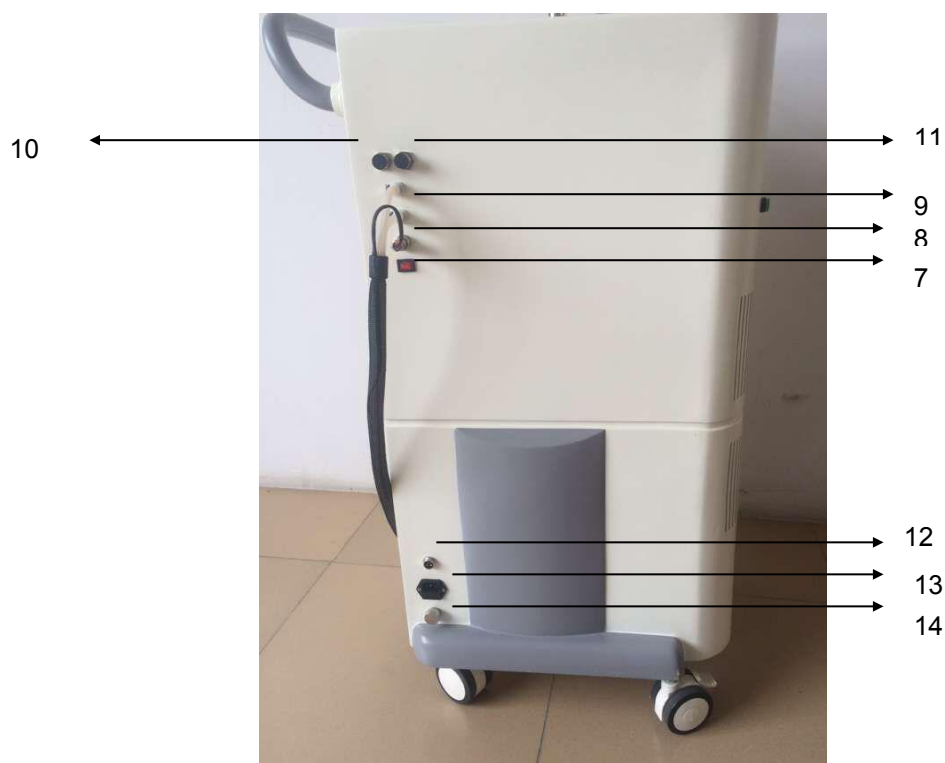
4. touch display panel

Mainly used for parameter setting

5.key switch

A key into the key switch, go to the "open" position, the instrument power on, go to the "off" position to cut the power, turn off the instrument.

6. wheels



7. refrigeration head control switch

8. refrigeration head power supply plug

9. refrigeration water circulation joint

- 10. **Affusion hole**
- 11. **Overflow hole**
- 12. **Foot switch**
- 13. **the power input socket**
- 14. **Drainage hole**



5-2 Installation

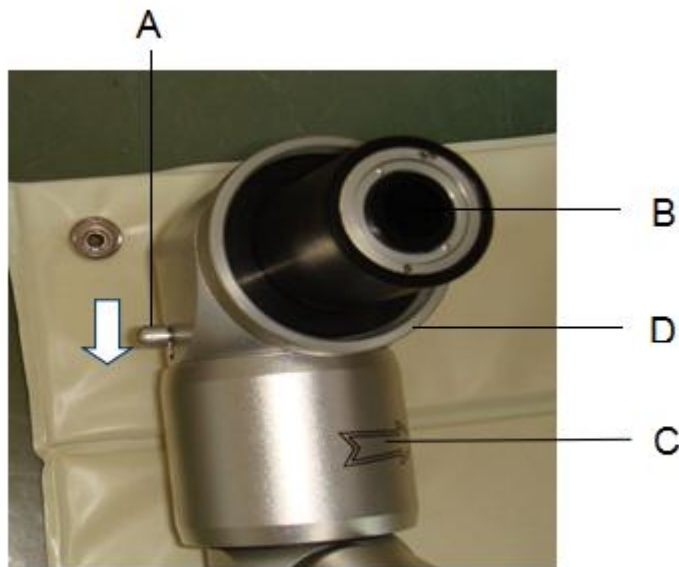
1) Checking

1. Check the packing box before open, if no abnormal, you can open it. Because the machine is equipped with laser tube and precision optical system, forbid pound and collision when open the box.
2. Take out the packing list after opening the box, then take out the host and spare parts according to the packing list, check every spare parts, wire connections, confirmed no abnormal or troubleshooting before installation, if have any problem, please contact manufacturer timely, so that resolve the problem Quickly.

2) Installation of guide light arm

Guide light system was made up of guide light arm and connection seat .connection seat has fixed into the top of the shell. After check the guide light arm, connect it to connection seat, then fix the screws firmly.

Attention: guide light arm only can move to the arrow direction.



Move B 180 degree according to C, then press A according to the Arrow. Then insert B to the hole on main unit, then screw D, fix the guide light arm firmly.

3) Installation of the scan head

1. Whirl the scan head to clockwise direction.
2. Installation of control wire on the scan head, insert the control wire, then fix the screws firmly.

4) Installation of power cord and foot switch

1. Insert the power cord to the connector on the back of the machine, then check if firmly.
2. Connect the foot switch, aim at the gap, whirl to the clockwise direction, check if firmly.



WARNING!

- *Do not put the hand piece to people's eyes directly to prevent from eye damage
- *Be careful not to directly look at the light and lest it be reflected on the reflective surface
- *In order to prevent the emitted or reflected light from being exposed accidentally, all persons in charge who are using this system should be sure to wear the protective glasses.
- *Be careful lest the light face eyes. Even in case that the output is low, you may suffer a fatal eye injury.
- *Do not pull the power cord using force or touch the power plug with a wet hand. (There may be a risk of electrical shock or fire).
- *Do not operate the device in a place where there are volatile substances like ductile anesthetics, alcohol, gasoline or solvents
- *Always keep a fire extinguisher near the device

5-3 Contraindications

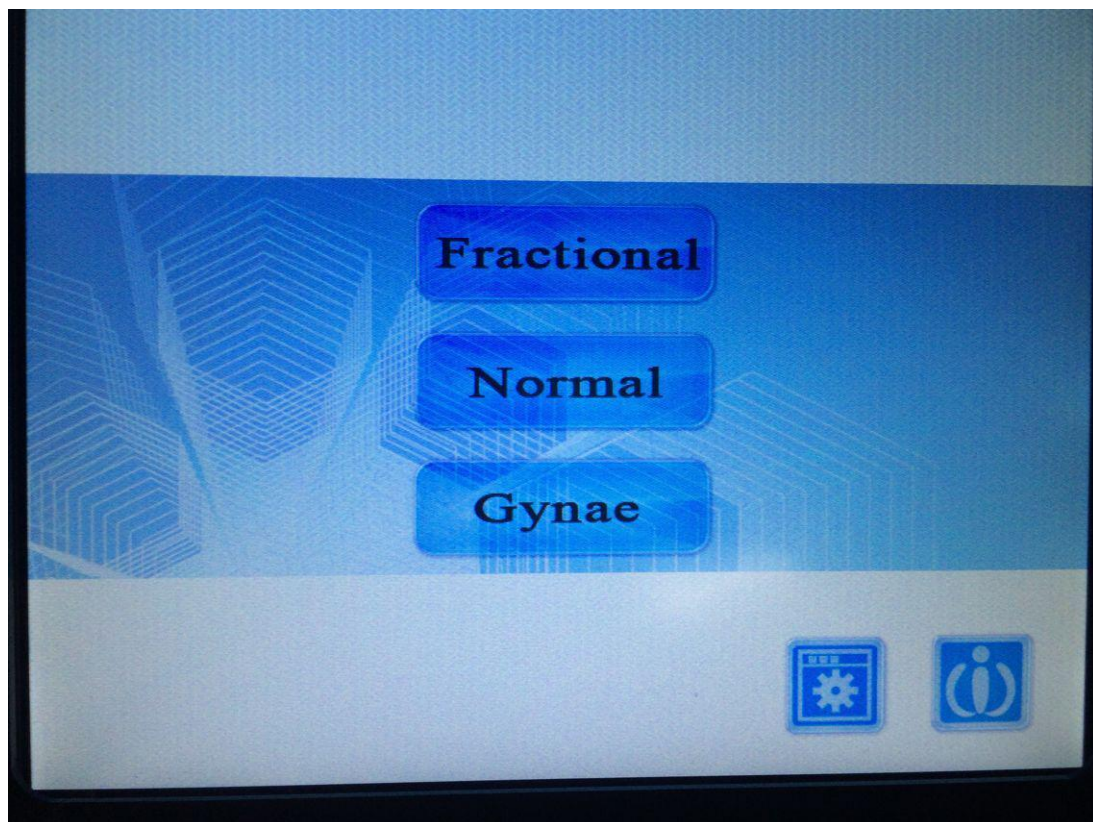
Do not give any treatment to follows people

- hypertension, diabetes, hemophilia patient
- Menstrual period
- Pregnant woman
- within half a year after parturition

It requires an experienced therapist to use it and also patient cooperation for getting good results.

5-4 Direction for use and Operating procedure

- 1) Turn on the power of device
- 2) Appear to be the stand-by screen as below when key switch is ON.
- 3) Select a mode (Fractional/Normal) and range of adjustment when the stand-by screen comes up.
- 4) Operate it by stepping FOOT SWITCH after completing every procedure
- 5) Detail instructions of each mode are as follows



5-5 Instruction of vaginal tightening



Touch “Power “ box, the background color will become purple, then press”+” or “-” on the right side, it will increase or decrease.

* Range of Adjustment: 1-30W.

2) Touch “ Duration” box, press “+” or “-” to adjust.

* Range of Adjustment: 0.1-10.0ms

3) Touch “Interval” box, press “+” or”-” to adjust.

* Range of Adjustment: 1-5000ms

4) Touch “distance” box, press”+” or “-” to adjust.

* Range of Adjustment: 0.1mm ~ 2.6mm

5) Touch “Time” box, press “+” or “-” to adjust.

* Range of Adjustment: 1-20th.

6) , you can save the parameter you have set, and use in future.

8)  you can change the shape size when press “+”, “-”,

And preview if the size and shape is suitable when press “preview”.

 press this two button, you can change different

Shape, like Square, round, triangular, hexagonal, straight.

After shooting laser beam, turn to Main screen when touch BACK box at the bottom of screen.

Chapter 6, Operation

6-1 Before treatment

The first step in the treatment procedure is asking whether your patient has contradictions and did below things which decrease either the safety or effectiveness of their treatment.

- a) Sexual life should be avoided for 1 day prior to treatment.
- b) Patients should wait 3 days after period.

- Evaluating your patient. Observe and document your patient skin color
- Discuss the treatment goals with your patient and establish realistic expectations based on the treatment area, her vaginal degree of tightness and her vaginal perimeter. If your patient vaginal still at mature age and has full cleaning function system, explain to her that it may not have very much effect because her vagina is still under the normal level numbers of collagen.

- Explain to your patient that during the course of the session, she may feel a gradual build-up of heat into the area being treated.
- When does vulva therapy, have your patient lied down, then shaves and cleans the area to be treated.

1) Starting treatment

For eye protection, the last step before starting the laser treatment is to ensure that the treatment room door is locked, and that you, your patient and anyone else in the treatment room has put on protective eyewear.

Let's set the system parameters to start treatment. We suggest you do a patch test with following method to get the appropriate parameters for each patient because each person has different skin impedance even same skin type

6-1 Preparation:

Alcohol, cotton ball, sterile treatment head.

6-2 Operation:









This parameter is for inside the vagina.

Insert the support to the vagina, then insert the 360 degree head to the bottom of the support, pay attention to the number on the 360 degree head, press the foot switch, then pull out 0.5cm, press the foot switch again, then pull out 0.5cm again, press the foot switch again, do again, after the 360 degree head reach vulva, insert to the bottom of the support again, and do like the first time, total 3 times.



This parameter for vulva.

Use the head for vulva, and make the distance 5cm, treat vulva, press the foot switch for many times, until vulva tighten up.

6-3 Postoperative care and Notes:

- *Pay attention to genital health after operation.
- *Keep enough rest and genital clean after operation.
- *Forbid sexual life within one week.

6-4 Effective

- *Tighten vagina: fast tightening, continual tight and narrow, tightness increase 60%.
- *Beautify vagina: reduce pigment, beautify labia, pink and softness increase 70%.

*Nourish vagina: improve secretion, eliminate vaginal dryness, moisture increase 80%.

*Maintain vagina: deep anti-aging, prevent aging, youth increase 80%.



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