

Cosmetic Gynecology

Laser 15watt/1470nm with softwares for

- Aesthetic Gynecology,
- Stress Urine Incontinence &
- Gynecology Procedure

Laser Vaginal Rejuvenation

- Safe, Easy & Effective
- Immediate Results
- Minimally Invasive
- Outpatient Treatment
- Hygienic, Single Use Probe
- Clinically Proven



Rejuvenate your life with **Cosmetic Gynecology**

Clinical Solutions for a Better Feminine Life

Over time, natural processes within a woman's life cycle, such as childbirth and the hormonal changes that accompany aging, can cause physiological changes leading to various health conditions such as involuntary urine leakage, vaginal laxity, vaginal dryness and recurring infections. These symptoms can negatively affect women's quality of life and often prevent them from carrying out a normal lifestyle. No matter what life cycle stage you're in Cosmetic Gynecology can help you regain your self-confidence and restore your intimate life. Cosmetic Gynecology provides a quick, safe, highly effective and minimally invasive solution for a variety of female health concerns. It is an outpatient no pain-achieving immediate improvement with lasting results.

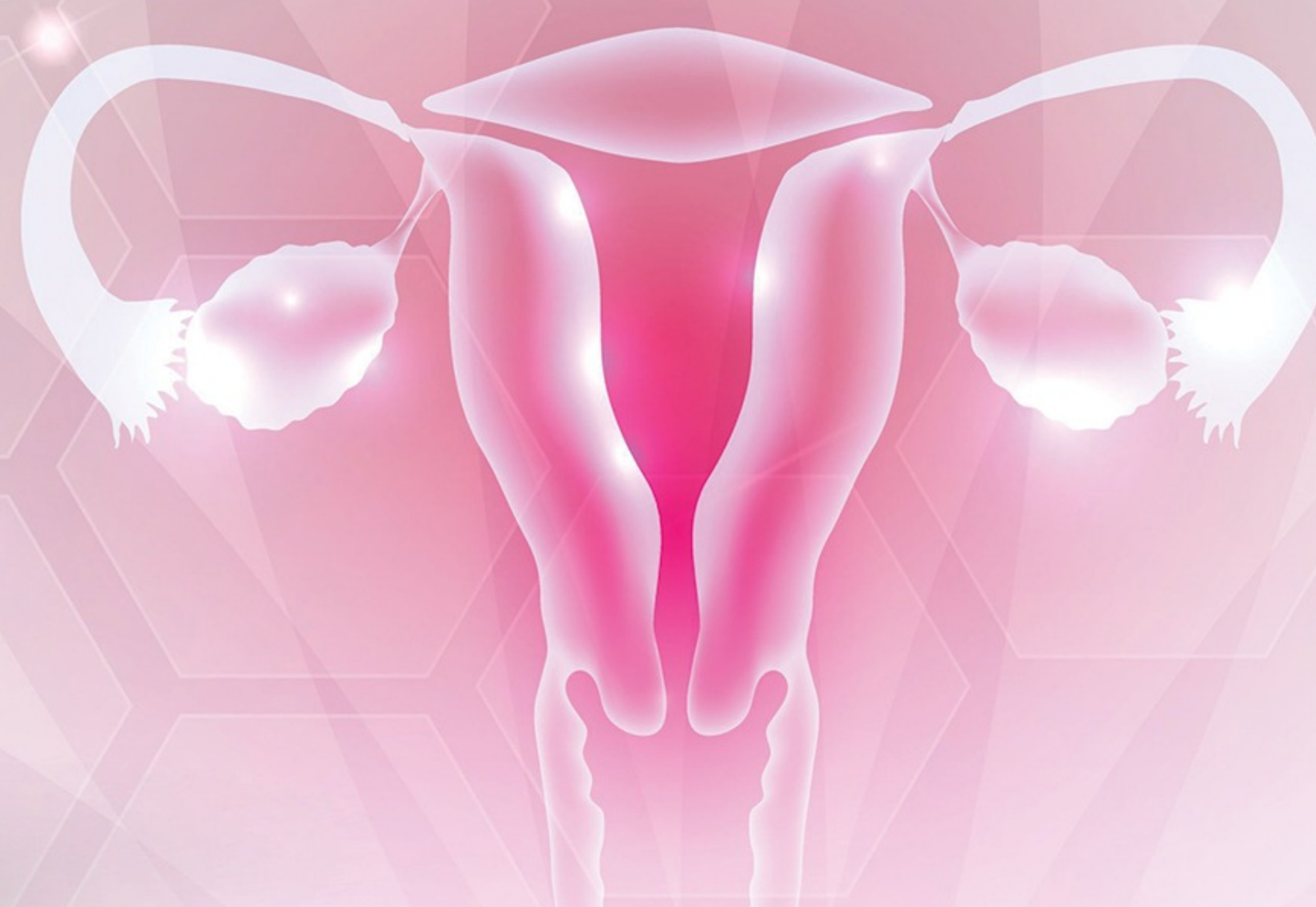
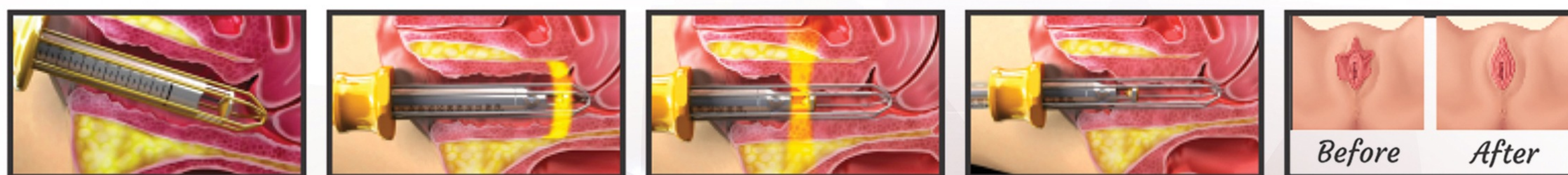
The Technology

Like skin, vaginal tissue is made up of collagen fibers which give it strength and flexibility. Cosmetic Gynecology uses breakthrough laser technology to gently heat vaginal tissue, contracting existing fibers and stimulating the formation of new collagen. This improves the functionality of the entire vaginal area normalizing blood flow, increasing lubrication, boosting immune resistance and restoring the strength and elasticity of the vaginal walls.

The Procedure

The Cosmetic Gynecology procedure is similar to a vaginal ultrasound exam, where a specially-designed hygienic single-use probe is inserted into the vagina. The probe is rotated 360 degrees as the CO2 laser gently treats the vaginal tissue. The procedure is quick, taking less than 30 minutes, is virtually painless and has no side effects, allowing you to return to your normal activities immediately after treatment.

Vaginal Treatment Procedure



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What is a **LVR** ?

The LVR is a Vaginal Rejuvenation Laser Treatment.

The LVR is a Vaginal Rejuvenation Laser Treatment. The Laser main implications include: to correct/improve stress urinary incontinence. Other symptoms to be treated include: vaginal dryness, burning, irritation, dryness and the sensation of pain and/or itching during sexual intercourse.

In this treatment, a diode laser is used to emit an infrared light that penetrates the deeper tissues, without altering the superficial tissue. The treatment is non-ablative, therefore absolutely safe. The result is toned tissue and a thickening of the vaginal mucosa.

What happens during a LVR treatment ?

During the treatment, a sterile hand piece and laser fiber is used. The unique LA-Lift laser fiber emits energy in all directions i.e. 360°, rather than only targeting one area of the tissue at a time. The desired tissue is treated safely and quickly without damaging the basal membrane. The treatment stimulates neocollagenesis, resulting in toned tissue.

How long is the treatment ?

The treatment lasts only a few minutes and is repeated four times with an interval of 15-20 days.

Is the treatment painful ?

This treatment is very comfortable! The laser penetrates deeply into the tissue without damaging the delicate superficial tissue. It is a non-ablative procedure, so special post operative care is not required.

Laser Vaginal Rejuvenation Treatment

A new and innovative technique combines the action of the infrared laser and the Laser handpiece in order to accelerate the production and the remodeling of mucosa's collagen.

Improvement up to 70% from the first treatment

Age and muscular stress often cause an atrophic process within the vagina. If not adequately treated, this results in dryness, sexual difficulties, itching, burning, tissue laxity and urinary incontinence.

The main cause of this is the loss of tone of the vaginal mucosa.

The Laser treatment targets the vaginal mucosa. The wavelength (1470nm), combined with the controlled, radial emission of the Laser hand piece, has a bio-modulating effect that stimulates Neocollagenesis and regenerates the epithelium and the connective tissue. This action rejuvenates the mucosa by restoring firmness, flexibility and hydration; therefore, considerably reducing symptoms, that are usually attributes of menopause. Laser also has a positive effect on urinary incontinence, in many cases restoring the normal functions.

The main advantage of using a diode laser is that the laser can penetrate deeper, targeting the mucosa, without causing an ablative thermal injury.

The design of handpiece and the circular emission are the uniqueness of the Laser. They allow for a painless treatment. The combination also ensures that the laser evenly targets all tissue on the inner walls of the vagina.

Although the software is easy to use with suggested settings, the surgeon can also manually alter the settings according to the requirement of the surgery. Additional handpieces are available for internal and external vulvar treatments, as well as aesthetic microsurgery.

Applications

- GSM-Genitourinary syndrome of menopause
- Vaginal atrophy
- Vaginal laxity
- Diseases associated to postpartum alteration
- Vaginal rejuvenation
- HPV
- Cysts
- Treatment of scars
- Dryness
- Itching

Laser Vaginal Rejuvenation Treatment with One Solution

Photonics Laser is a complete solution that treats a wide range of feminine indications. It provides effective care for a highly diverse range of needs, including:



VAGINAL TIGHTENING

Urogenital atrophy, the only symptom that all menopausal women will experience at some point, can lead to diminished tightness and sensitivity in the vaginal area, causing decreased satisfaction during sexual intercourse and creating a significant quality of life issue. Photoniccs Laser offers a simple and safe solution that restores the mucosal quality of the vaginal walls and enhances the sensitivity of vaginal tissue.

Powerful thermal heating and micro-ablation is applied to the various layers of the vaginal tissue, stimulating collagen regeneration contracture of elastin fibers, neovascularization and improved vaginal lubrication. The female genital tissue is restored to a more youthful state, embedded with thick epithelium, new collagen fibers and decreased vaginal diameter.

STRESS URINARY INCONTINENCE (SUI)

Stress Urinary Incontinence (SUI) is an extremely common and distressing condition that affects a high percentage of women, with prevalence rates increasing with age. According to the American Urological Association, there is an estimated prevalence for urinary incontinence of 30% in women aged 30 to 60 years, with approximately half of the cases attributed to SUI (15%). Photoniccs Laser is a safe and effective treatment for this indication, enabling women to enjoy a much more comfortable life- quickly and with no pain or downtime.

SUI involves involuntary leakage of urine in response to increased intra-abdominal pressure. This condition may be caused by a loss of sub-urethral support, usually as a result of pelvic support structure damage. Patients often report varying severity of urine leakage during activities that increase intra-abdominal pressure such as coughing, sneezing, heavy lifting and physical activity. Using powerful energy to achieve a deep thermal effect, Photoniccs Laser stimulates collagen renewal as well as contraction of the elastin fibers, inducing rejuvenation and tissue remodeling. The technological benefit of a long pulse enables the creation of this powerful thermal effect, which offers a significant advantage in such procedures. It treats the entire pre-urethral space, increasing the thickness of the vaginal walls and providing better support to the mid urethra underside. The result is a significant reduction in SUI symptoms, improved control of urination, and long term patient continence.

VAGINAL DRYNESS & RECURRENT INFECTIONS

Laser effectively addresses a wide range of feminine wellness issues. Dryness and recurrent vaginal infections are treated through the rejuvenation of the vulvo-vaginal tissue, which improves vaginal lubrication and normalizes vaginal pH and flora. Photoniccs utilizes laser treatments to enhance the local immune system response and help eliminate chronic vaginal infections.

POST-MENOPAUSE-GSM

GSM (Genito-Urinary Syndrome of Menopause) is becoming an increasing concern for women worldwide. According to the North American Menopause Society, by the year 2025 the number of postmenopausal women is expected to rise to 1.1 billion, more than half of which will likely experience vulvovaginal symptoms that significantly impact their lifestyle, emotions and sex life.

The shift in hormones that occurs with menopause can cause the lining of the vagina to become thinner, drier, less elastic and inflamed. Photoniccs Laser rejuvenates the vaginal lining, increasing the thickness of the vaginal walls and restoring natural lubrication. The treatment reduces uncomfortable symptoms such as itching, burning and friction and helps improve sexual function.

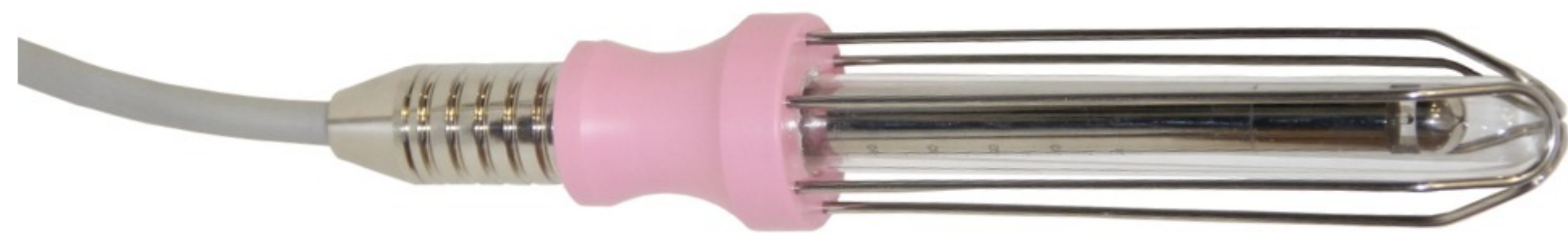
POST-DELIVERY REHABILITATION

Childbirth involves many physiological changes to a woman's body. Post-delivery, the vaginal area may feel stretched and dry and the pelvic floor may be weakened. Photoniccs Laser rehabilitates the entire vaginal area by reinforcing and toning vaginal tissue, restoring its strength and flexibility.

THE BENEFITS OF LASER TREATMENT

A Simple Non Surgical Process that result in

- Increased Collagen
- Improved Muscle Tone
- Improved Sensation
- Reduced Vaginal Dryness
- Enhanced Orgasms
- Fully outpatient process without anesthesia
- No side effects
- Effective and painless
- Non-invasive



LVR Handpiece



SUI Handpiece



Specification

Laser type	Diode, Semiconductor
Wavelength	1470nm
Max Power	15 watts
Aiming beam	635nm, < 5mw
Operation Mode	Continuous or pulsed
Pulsed Time	0.05ms~1000ms
Beam Delivery	SMA905 connector
Optic Fiber Compatible	Optic fibers having a core from 200um to 1000um, NA=0.22~0.48
Beam Emission Initiation	Footswitch
Controller	Microprocessor
Display	10.1” IPS with touch panel Medical approved
Cooling	Internal, air and thermoelectric cooling
Power supply of the laser	DC 24V/8.33A from the separate AC
Power supply of AC adapter	Single phase 100~240VA; 50-60HZ, Max 90w
AC Adapter	DC 24V/8.33A Medical approved
Laser Dimensions	27cm* 11cm*19 cm length*width*height
Laser weight	2.75kg
Laser case dimensions	56cm × 35cm × 23cm
Weight of laser with cases	9kg
Environmental conditions during work	From +10 to 24 ⁰ C degree, relative humidity from 30% up to 60%
Cass of Medical Device	IIB
Laser safety Class	4
Electric Safety Class	I type B
Housing Protection Degree	Ip20b
Footswitch Protection Degree	IPX6



Laser Vaginal Rejuvenation

Benefits you must know !



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