

The Medical Power of Light



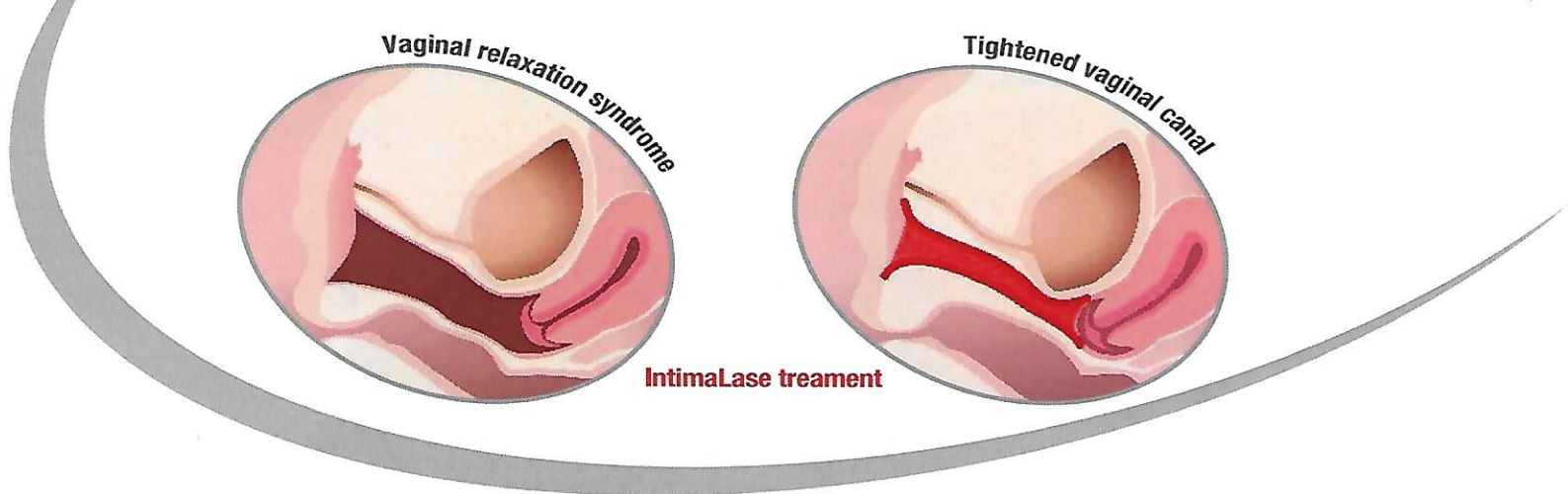
# IntimaLase

## Laser vaginal tightening

- solution for vaginal relaxation syndrome
- photo-thermal tightening of the vaginal canal
- minimally invasive, incisionless
- no anaesthesia needed
- walk-in/walk-out procedure
- safe, quick and easy
- high success rate and patient satisfaction



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## What is IntimaLase?

IntimaLase is a patent-pending, novel and unique non-invasive Er:YAG laser therapy based on incisionless, non-ablative photothermal tightening of the vaginal canal. It is an efficient, easy-to-use, quick and safe procedure.

The indication for IntimaLase is vaginal relaxation syndrome, which is the loss of the optimum structural form of the vagina. This process is generally associated with overstretching of the vaginal canal during childbirth as well as with natural aging.

## How does IntimaLase work?

The IntimaLase treatment is based on laser-induced thermal effects in the vaginal tissue, stimulating collagen remodeling and the synthesis of new collagen fibers. The final result of collagen neogenesis and remodeling is tightening of the vaginal canal.

The laser used in IntimaLase treatments is a 2940 nm Er:YAG with built-in proprietary technology solutions that enable delivery of specially composed laser energy packages to the vaginal mucosa tissue and to collagen-rich endopelvic fascia.

## Unique advantages of IntimaLase for your patients

For most of patients, a single session is sufficient for significant tightening of the vaginal canal. If needed, the treatment may be repeated after one month. No special pre-op preparation or post-op precautions are necessary. Patients may immediately return to their normal everyday activities.

The result after just a single treatment is a tightened vaginal canal, greater sexual

satisfaction and significant improvement in a patient's quality of life.

## Scientifically proven clinical results

The latest scientific results presented by LAHA specialists Dr. Riviera and Dr. Fistončić clearly show noticeable improvements in vaginal tightness and sexual gratification. Assessments of the efficacy of IntimaLase treatments are based on subjective patients' evaluations through standardized questionnaires as well as objective measurements of vaginal canal tissue shrinkage.

The fast and easy-to-perform IntimaLase treatment has proven to be an effective, non-invasive, incisionless procedure with no undesired side effects or contraindications.

## Getting started with IntimaLase

It is easy to begin offering IntimaLase treatments to your patients. Training in IntimaLase is provided through the Laser and Health Academy ([www.laserandhealth.com](http://www.laserandhealth.com)) as a stand-alone training workshop under the guidance of experts in medical laser technology. The

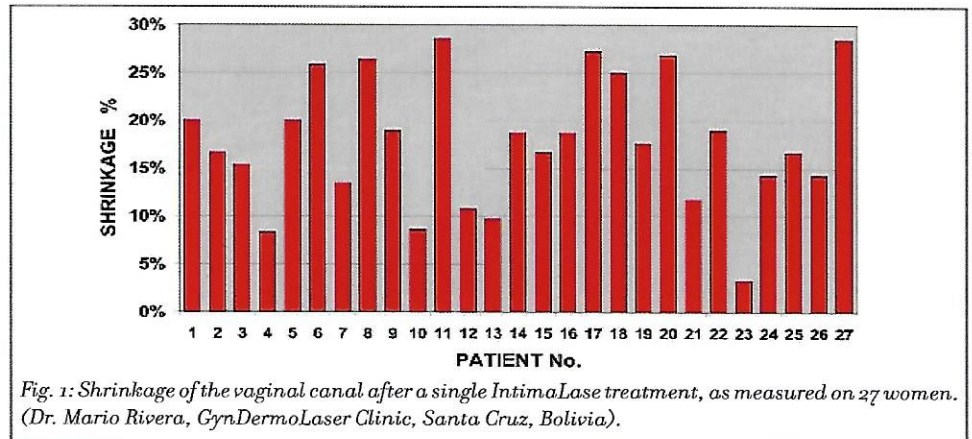
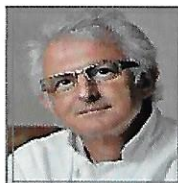


Fig. 1: Shrinkage of the vaginal canal after a single IntimaLase treatment, as measured on 27 women. (Dr. Mario Rivera, GynDermoLaser Clinic, Santa Cruz, Bolivia).

Vaginal tightening was achieved in all patients, ranging from 3% to 28%, resulting in an average shrinkage of 17%. Measurements of sexual gratification with the McCoy Female Sexuality Questionnaire (MFSQ) showed an average improvement of 8.5 points on a 36 point scale.

extensive workshop, where participants participate in live demonstrations and gain an in-depth understanding of laser physics and laser-tissue interaction, provides the needed insight into the fundamentals of the IntimaLase treatment and other procedures that can be performed with this special Er:YAG laser system.

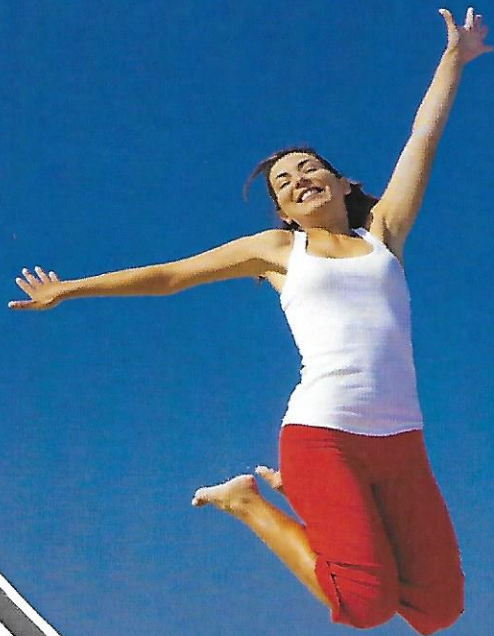


Ivan Fistončić, MD, PhD  
Fistončić Gynecology Clinic  
Zagreb, Croatia

*"As an experienced gynecologist with more than 30 years of practice, I felt really excited when I was introduced to this novel, extremely innovative laser technology for the treatment of Vaginal Relaxation Syndrome. After doing the procedure for one year I can say that IntimaLase is a great solution for vaginal tightening. Many of my patients highly praise the therapy for its minimal invasiveness and noticeable improvements in their sexual gratification. For me this is a simple, safe and efficacious procedure which enabled me to broaden the range of aesthetic gynecological therapies our clinic offers."*

To learn more about IntimaLase contact LAHA at [info@laserandhealth.com](mailto:info@laserandhealth.com)  
IntimaLase is now under clinical investigation for the treatment of vaginal relaxation syndrome.  
International use only

The Medical Power of Light



# IncontiLase

## Stress urinary incontinence laser treatment

- solution for mild and moderate stress and mixed incontinence
- photo thermal tightening of urethral and anterior bladder wall region
- incisionless, minimally invasive
- no anesthesia needed
- walk-in/walk-out procedure
- safe, quick and easy
- high success rate and patient satisfaction

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Stress urinary incontinence



Incontinence highly affects quality of life

## What is IncontiLase?

IncontiLase is a novel and unique, patent-pending, non-invasive Er:YAG laser therapy for incontinence that is based on non-ablative photothermal tension and shrinkage of the urethral and anterior bladder wall region. The indications for IncontiLase therapy are mild and moderate stress and mixed urinary incontinence (SUI). It is an efficient, easy-to-perform and safe procedure.

## How does IncontiLase work?

The IncontiLase treatment is based on precisely controlled laser-induced thermal effects in the mucosa tissue in the region of the vestibule and urethral orifice, as well as in the area along the anterior vaginal wall.

The laser used in IntimaLase treatments is a 2940 nm Er:YAG, with built-in proprietary technology solutions that enable delivery of specially composed laser energy packages to the vaginal mucosa tissue and to collagen-rich endopelvic fascia.

The resulting collagen neogenesis and remodeling leads to the shrinking and tightening of irradiated tissues, and the return of normal continence function.

## Unique advantages of IncontiLase for your patients

For a large majority of patients, a single session is sufficient to alleviate mild or even moderate stress urinary incontinence. If needed, the treatment may be repeated after one month. No special pre-op preparations or post-op precautions are necessary. Patients may immediately return to their normal

everyday activities. The procedure is incisionless and virtually painless, with no ablation, cutting, bleeding, or sutures. Recovery is extremely quick without need for the use of analgesics or antibiotics.

## Scientifically proven clinical results

The latest IncontiLase scientific results, presented by LAHA specialists Dr. Riviera and Dr. Fistončić, show excellent improvement for mild and moderate stress urinary incontinence. Assessments of efficacy were based on subjective patients' evaluations through

5% still had mild stress incontinence. Q-tip measurements during the Valsalva manouever resulted in an average 20° decrease in Q-tip angle, objectively showing improvements in the urethra and bladder neck status.

## Getting started with IncontiLase

Training in IncontiLase is provided through the Laser and Health Academy ([www.laserandhealth.com](http://www.laserandhealth.com)) as a stand-alone training workshop under the guidance of experts in medical-laser technology. The extensive workshop, where participants engage in live

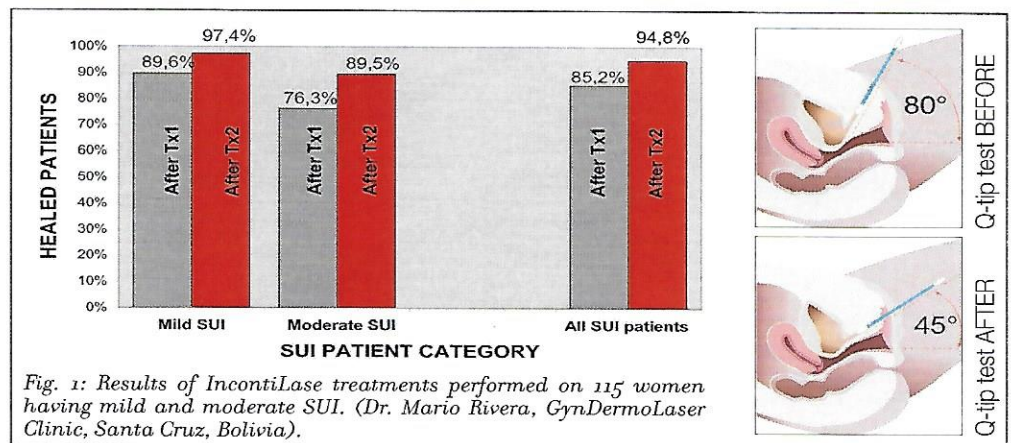


Fig. 1: Results of IncontiLase treatments performed on 115 women having mild and moderate SUI. (Dr. Mario Rivera, GynDermoLaser Clinic, Santa Cruz, Bolivia).

standardized questionnaires as well as objective Q-tip and PFM measurements. 90% of patients with mild SUI and 76% of patients with moderate SUI needed just a single IncontiLase treatment. In total, 95% of all patients were incontinence free 12 months after the treatment, while

demonstrations and gain an in-depth understanding of laser physics and laser-tissue interaction, provides the needed insights into the fundamentals of the IncontiLase treatment and other procedures that can be performed with this special Er:YAG laser system.



Ivan Fistončić, MD, PhD  
Fistončić Gynecology Clinic  
Zagreb, Croatia

"At the beginning I didn't believe that such a simple treatment as IncontiLase could be so effective in treating indications such as mild and moderate Stress Urinary Incontinence. But when my first patient, whom I treated one year ago for moderate SUI, reported that she is dry from the day of the procedure, I began to change my mind. Today, after treating many patients, I can say that the results we have obtained with this new technology are exceeding my expectations. And after one year, my first patient is still dry and very happy with the change IncontiLase brought to her life."

To learn more about IncontiLase contact LAHA at [info@laserandhealth.com](mailto:info@laserandhealth.com)  
IncontiLase is now under clinical investigation for the treatment of stress urinary incontinence.  
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# The Medical Power of Light

## RenovaLase<sup>®</sup> Vaginal atrophy laser treatment

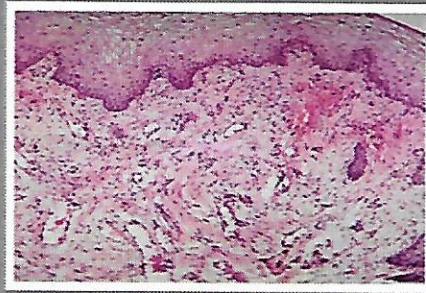
- solution for symptoms of vaginal atrophy
- photo-thermal treatment of the vaginal canal
- functional restoration of vaginal mucosa
- safe treatment without long-term hormonal therapy
- minimally invasive
- no anesthesia needed
- walk-in/walk-out procedure

**Fotona**  
choose perfection

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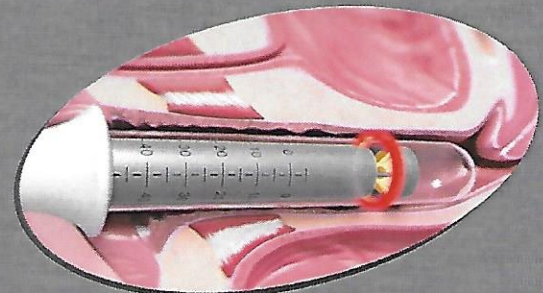


Atrophic vaginal mucosa



Vaginal mucosa after RenovaLase treatment, with increases in vascularization, collagen, the glycogen level and epithelial thickness.

Courtesy of Dr. Gaspar



RenovaLase treatment

## What is RenovaLase®?

**RenovaLase® is an innovative and unique, non-invasive 2940 nm Er:YAG laser therapy for the symptoms of vaginal atrophy.** It is based on non-ablative photothermal treatment of the vaginal canal.

Clinical studies show that it is an efficient, easy-to-use, quick and safe procedure, eliminating the need for long-term estrogen administration.

## Promising clinical Results

The latest scientific results presented by Dr. Marco Gambacciani<sup>1</sup> and Dr. Adrian Gaspar<sup>2-4</sup> clearly show a noticeable improvement in the symptoms of vaginal atrophy.

Results show favourable changes in the tropism of the vaginal mucosa, with increases in collagen and vascularization as well as in the glycogen level and the epithelial thickness.

There was no ablation of the tissue or thermal damage and no adverse events.

The positive effects were long lasting as results were sustained

at follow-up 6 months after the treatment. With no need for long-term estrogen treatment, RenovaLase® is also appropriate for patients with estrogen-dependent cancer (such as endometrial cancer, breast cancer, etc.) or with a family background of such cancers, as shown in clinical studies by Dr. Bojanini<sup>5</sup> and Dr. Gambacciani<sup>2</sup>.

## How does RenovaLase® work?

The RenovaLase® treatment is based on laser-induced controlled mild heating of the vaginal tissue, which stimulates angiogenesis, fibroblast activity and new collagen formation, without thermal or ablative damage.

The final result is increased epithelial thickness as well as vascularization of the lamina propria, along with a reduction of symptoms such as dryness, itching, irritation and dyspareunia (see figures above).

## Getting started with RenovaLase®

Training in RenovaLase® is provided through the Laser and Health Academy ([www.laserandhealth.com](http://www.laserandhealth.com)) as a part of a training workshop in Fotona's minimally invasive gynecology

treatments, under the guidance of experts in medical laser technology. The extensive workshop, where participants engage in live demonstrations and gain an in-depth understanding of laser physics and laser-tissue interaction, will provide the needed insight into the fundamentals of noninvasive gynecological treatments and other procedures that can be performed with this special Er:YAG laser system.

### List of clinical references

1. Gambacciani M, Levancini M. Vaginal Erbium Laser: the Second Generation Thermotherapy for the Genitourinary Syndrome of Menopause. *Climacteric* 2015 Oct;18(5):757-63
2. Gambacciani M, Levancini M. Vaginal Erbium Laser: the Second Generation Thermotherapy for the Genitourinary Syndrome of Menopause (GSM) in Breast Cancer Survivors. A preliminary report of a pilot study. *Int. J. Gynaecol. Obstet.* 2015, 27: N.1
3. Gambacciani M, Levancini M. Short-term effect of vaginal erbium laser on the genitourinary syndrome of menopause. *Minerva Ginecol.* 2015 Apr;67(2):97-102.
4. Gaspar A. Comparison of new minimally invasive Er:YAG laser treatment and hormonal replacement therapy in the treatment of vaginal atrophy. *Climacteric* 2014; 17(Suppl 1) : 48 - 108 , P 124 (Abstr)
5. Juan F. Bojanini B., Alexandra M. Mejía C. Laser Treatment of Vaginal Atrophy in Post-menopause and Post-gynecological Cancer Patients. *J. IA&HA, Vol. 2014, No.1; pp.65-71.*



Adrian Gaspar, MD;  
Mendoza University,  
Argentina

*"I'm especially thrilled with the positive results we've had when treating vaginal atrophy. The use of the FotonaSmooth® laser in this very common pathology has set a new standard of treatment for my practice. We are able to move away from long-term hormone replacement therapies that have received negative media attention and created concern in our patients, and toward laser light treatments that have the patient symptom-free for many months with no adverse complications."*

All Fotona medical lasers are CE marked and approved to be sold in the EU. For countries where specific national approvals or clearances are required, some of the products and/or applications may not yet have been approved. Please check with Fotona, your local Fotona distributor or your national regulatory body whether a specific product or application has been approved to be marketed and sold in your country.