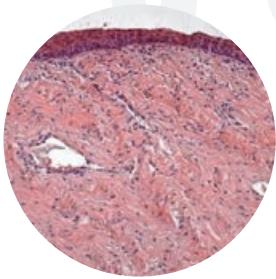




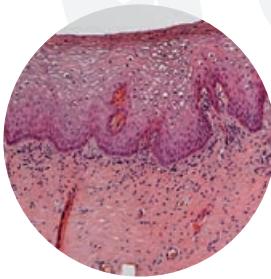
MonaLisa Touch®

THE GAME CHANGING LASER THERAPY FOR VULVO-VAGINAL HEALTH

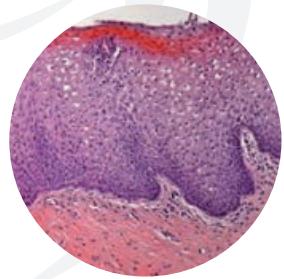
The Only Laser Approved by **Scientific Community**
and Supported by **International Publications**



1



2



3

The Incomparable Treatment for:

Vaginal Atrophy in Menopause • Postpartum VA Symptoms • Post Cancer Survivor Therapy



The only **TRULY DECISIVE LASER THERAPY FOR VAGINAL ATROPHY**

The only treatment fully **RECOGNIZED** by the
INTERNATIONAL SCIENTIFIC COMMUNITY

- 1 • Revolutionary - the missing solution
- 2 • Safe and fast
- 3 • Non-invasive, painless
- 4 • Immediate efficacy after just 1 treatment
- 5 • No contraindications
- 6 • No downtime

- 1** **MonaLisa Touch® by DEKA directly STIMULATES AND REGENERATES the vaginal mucosa in a natural way.**
- 2** **COMBATS vaginal atrophy and many related disorders of the female genitourinary tract.**
- 3** **The only treatment backed up by CLINICAL STUDIES and INTERNATIONAL PUBLICATIONS.**

The only procedure proven by clinical results carried out through San Raffaele Hospital, Milan (Italy).

In-depth histological and ultrastructural studies developed at the University of Pavia (Italy) and published in prestigious international scientific journals.

4 YOUR BEST ALLY for treating genitourinary syndrome.

MonaLisa Touch® acts by reshaping, toning and regenerating vaginal tissue atrophy caused by reduced oestrogen levels. MonaLisaTouch® restores the healthy functionality of mucosa, re-establishing a proper metabolism, just like after hormone treatment, but without any side effects.

Diminishes - or even eliminates - the most common symptoms that affect women's quality of life and intimate relationships, such as:

- **fragility of the vaginal mucosa,**
- **laxity and dryness,**
- **itching and burning,**
- **painful sexual intercourse (dyspareunia).**



UNRIVALLED ADVANTAGES

- **NO** anaesthesia
- **NO** pain during and after treatment
- **NO** complications
- **NO** overlong treatment times
(under 5 min.)
- **NO** recovery post-treatment



5 MonaLisa Touch® is a life changing solution for WOMEN OF ALL AGES

From elective treatment for vaginal atrophy problems, to women in menopause and oncological patients who are unable to undergo hormonal treatments, MonaLisa Touch® has also been shown to be helpful and the most indicated therapy for many other disorders and symptoms, such as:

MILD URINARY INCONTINENCE

(moderate SUI)

VAGINAL LAXITY

(tightening)
caused by loss of mucosal tone
due to natural childbirth
or ageing.

POST-PARTUM DISORDERS

(i.e. dyspareunia)
caused by post-partum
perineal trauma, episiotomy,
etc. as an alternative
to pharmacological
analgesic therapy.

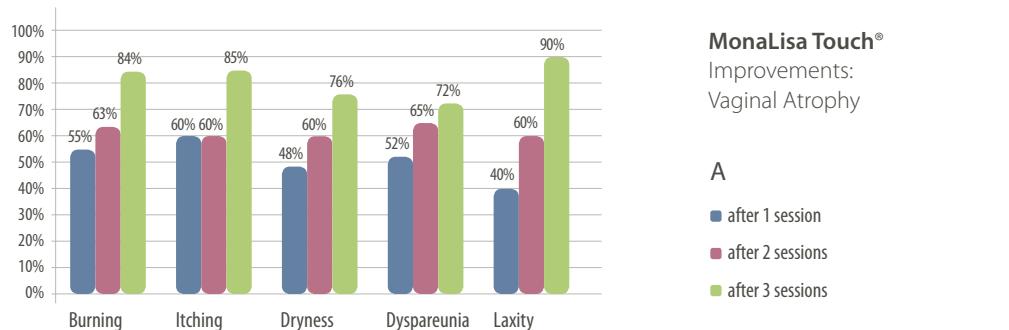
PROBLEMS CAUSED BY POF

(Premature Ovarian Failure)
due to genetic factors, cancer
treatments or unhealthy
lifestyles.

The CO₂ laser systems developed for MonaLisa Touch® are now preferred to the traditional aesthetic and functional gynecology for surgical correction of vulvar dysmorphism, such as the labioplasty procedure, caused by hereditary factors, pregnancy or natural ageing.

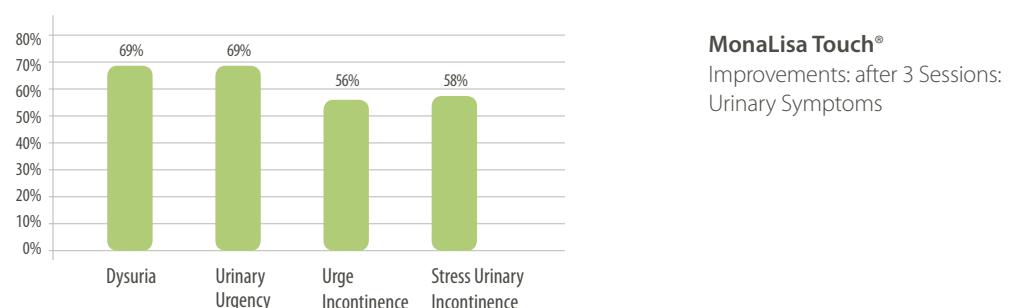
RESULTS

The graphs show the improvement (%) for the main symptoms of **vaginal atrophy** and **urinary incontinence** after 3 **MonaLisa Touch®** sessions. The study was carried out at the Department of Gynecology of the San Raffaele Hospital (Milan, Italy) on patients with symptoms of uro-genital atrophy.



MonaLisa Touch®
Improvements:
Vaginal Atrophy

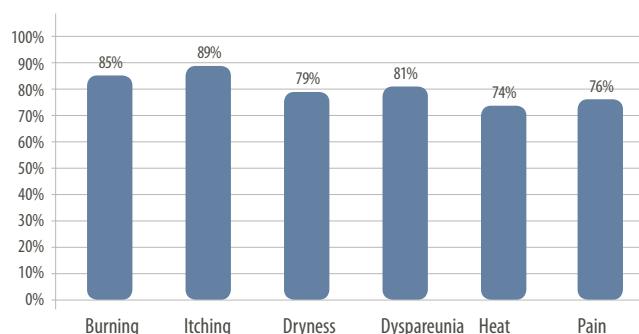
- A
- after 1 session
 - after 2 sessions
 - after 3 sessions



MonaLisa Touch®
Improvements: after 3 Sessions:
Urinary Symptoms

Courtesy of Dr. S. Salvatore, M.D. - Head of the Urogynaecology Unit at the IRCCS San Raffaele Hospital, Milan (Italy)

Symptoms improvements (%) 2 months after 1 MonaLisa Touch® session in oncological patients



MonaLisa Touch® Improvements:
Oncological Patients

Courtesy of Dr. M. Filippini M.D.- Head of Endoscopic Gynecology - Dept. of State Hospital (San Marino Republic).

6 MonaLisa Touch® IN VIVO HISTOLOGY

Astonish results from in vivo histological tissue studies show trophism metabolic reactivation, which results represent the only from this sector that have been peer-reviewed and published.

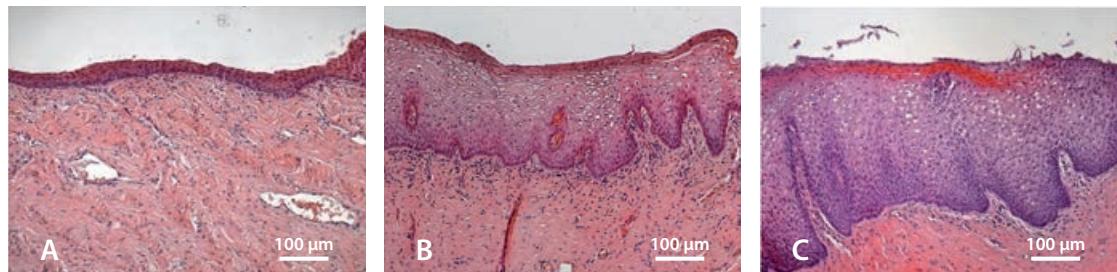
Histological preparations of vaginal mucosa sections stained with haematoxylin and eosin (H&E).

Patient Age: 54

Age at menopause: 44 years old

Note: The patient has never used HRT

Pictures magnification 100x



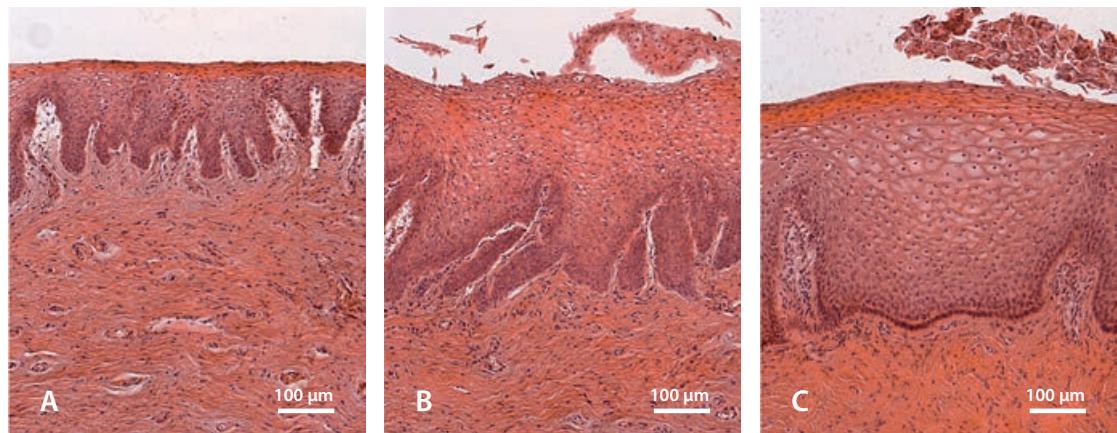
(A): Basal condition. The morphology indicates an advanced stage vaginal atrophy with the epithelium formed by few cell layers and no papillae.
(B): The same patient one month after the 1st MonaLisa Touch® session. It is evident the thicker epithelium of the mucosa.
(C): The same patient one month after the 2nd MonaLisa Touch® session. It is possible to observe a further thickening of the mucosa epithelium.

Patient Age: 59

Age at menopause: 48 years old

Note: The patient has never used HRT

Pictures magnification 100x



(A): Vaginal mucosa in the basal condition. It is possible to see a thinner epithelium and the presence of papillae. This morphological picture indicates vaginal atrophy at an early stage, gradually evolving towards a condition characterized by an epithelium formed by few cell layers and no papillae.

(B) & **(C)**: The same patient one month after the 1st MonaLisa Touch® session (B) and the 2nd session (C). The much thicker epithelium and shedding of numerous big cells from the free surface, together with the larger diameter of epithelial cells rich in glycogen, demonstrate the restored metabolic trophism and dynamics of the whole epithelium.

7 Evidences from MEDICAL COLLEAGUES



Natural ageing can significantly affect the vaginal tract, causing serious physiological and psychological problems for women, especially due to the vaginal atrophy. We have started testing MonaLisa Touch® and treating patients in 2012. At the beginning, I was very skeptical about the use of lasers for vaginal stimulation because this really has not had any real credibility in Gynecology, but both clinical and histological results surpassed all my expectations! Histological studies, conducted in collaboration with Prof. Alberto Calligaro from the University of Pavia, show that MonaLisa Touch® treatment restores the mucosa to a pre-menopausal condition, as it would occur after an oestrogen hormone replacement treatment. This particular laser emission stimulates the epithelial surface and the connective tissue, through a physical medium rather than using drugs, basically making the vaginal mucosa younger.

Stefano Salvatore, M.D.

Head of the Urogynaecology Unit at the IRCCS San Raffaele Hospital, Milan (Italy)



A game changer is literally something that alters the way we do things, and we don't have a lot of game changers that come along every day in medicine. I like to use the word game changer with MonaLisa Touch® because it is fulfilling a huge void for women. I was very willing to try this because it's a huge need. It's a huge therapeutic area. Results are almost immediate. As part of the protocol, we had patients that, after their first treatment, hand down they were improved moisture, less pain, less pressure. Again, we did not have one patient that couldn't tolerate the therapy. Finally, 100% of our patients have had improvements.

Mickey Karram, M.D.

Director of Fellowship Program on Female Pelvic Medicine & Reconstructive Surgery
The Christ Hospital, Cincinnati, OH (USA)



I found MonaLisa Touch® excellent also for women who have vulvar and perineal discoloration, lack of tone and breeches to the vaginal outlet as well as trophic labia needs. All of my patients who have undergone MonaLisa Touch® either have immediate tightening of the vagina and an increased lubrication. After a course of three treatments, the results are expected to last for 12 months and over.

Pablo Gonzalez Isaza, M.D.

Specialist in Obstetrics and Gynecology,
San Jorge University Hospital, Pereira (Colombia)
President of Colombian Aesthetics Gynecologists Association

8 What they're saying WORLDWIDE

"Un laser pour pallier le manque d'hormones"

(A laser to remedy the lack of hormones)

(Marie France, France)

"The laser that could save women's sex lives"

(Daily Beast, USA)

"Terapia com laser é nova opção contra atrofia vaginal"

(The laser therapy is a new alternative against vaginal atrophy)

(Folha de S. Paolo, Brasil)

"Il laser per risolvere i problemi della menopausa e quelli post tumorali "

(The laser to solve menopause discomforts and post cancer therapy problems)

(Elle, Italy)

9 WOMEN who have tried MonaLisa Touch®



Floriana, 57 years old, Italy

"I started going through menopause 8 years ago and it became difficult to have intercourse with my husband. No therapy was effective. I almost didn't feel like a woman anymore. I tried MonaLisa Touch® and I can say I feel really good now! A little advice for all women in my situation: menopause isn't an illness and you can accept it less passively and discover you are a woman again."



Lisa, 34 years old, USA

"MonaLisa Touch® definitively changed my life. I was diagnosed with breast cancer at 29 and after the therapy I started experiencing all side effects of vaginal atrophy. It is a treatment that you can do without feeling scared that is going to make your breast cancer coming back, or cause other health side effects."



Nancy, 64 years old, Peru

"I suffered from stress urinary incontinence and this was seriously affecting my life. MonaLisa Touch® for me has to be a must for every woman. I feel so happy and a new person now."



Fatma, 24 years old, Kuwait

"After my second pregnancy I had problems because of vaginal laxity. I tried several options unsuccessfully. MonaLisa Touch® helped me a lot in improving my conditions and set my intimate life better. Thanks MonaLisa Touch®!"

10 MonaLisa Touch® features in the most PRESTIGIOUS SCIENTIFIC JOURNALS

MonaLisa Touch® is the only laser therapy against vaginal atrophy symptoms and post-partum disorders to be approved by the international scientific community and supported by scientific analysis.

- **A 12-week treatment with fractional CO₂ laser for vulvovaginal atrophy: a pilot study.**
Salvatore S. et al. - *Climacteric* (2014 Aug).
- **Microablative fractional CO₂ laser improves dyspareunia related to vulvovaginal atrophy: a pilot study.**
Salvatore S. et al. - *Journal of Endometriosis and Pelvic Pain Disorders* (2014).
- **Microscopic and ultrastructural modifications of postmenopausal atrophic vaginal mucosa after fractional carbon dioxide.**
Zerbinati N. et al. - *Lasers in Medical Science* (2015 Jan).
- **Histological study on the effects of microablative fractional CO₂ laser on atrophic vaginal tissue: an ex vivo study.**
Salvatore S. et al. - *Menopause* (2015 Jan).
- **Vulvo-vaginal atrophy: a new treatment modality using thermos-ablative fractional CO₂ laser.**
Perino A. et al. - *Maturitas* (2015 Mar).
- **Sexual function after fractional microablative CO₂ laser in women with vulvovaginal atrophy.**
Salvatore S. et al. - *Climacteric* (2015 Apr).
- **The Use of Pulsed CO₂ Laser for the treatment of Vulvovaginal atrophy.**
Salvatore S. et al. - *Current Opinion in Obstetrics and Gynecology* (2015 Dic).
- **Fractional CO₂ laser for vulvovaginal atrophy (VVA) dyspareunia relief in breast cancer survivors.**
Pieralli A. et al. - *Archives of Gynecology and Obstetrics* (2016 May).
- **Is vaginal fractional CO₂ laser treatment effective in improving overactive bladder symptoms in post-menopausal patients? Preliminary results.**
Perino A. et al. - *Eur Rev Med Pharmacol Sci* (2016 Jun).
- **The curative effect and feasibility analysis of fractional CO₂ laser in the treatment of vulvovaginal in postmenopausal women.**
Miao Y. et al. - *J Clin Obstet Gynecol* (2016 July).
- **The application of fractional CO₂ laser in the treatment of vulvar lichen sclerosus.**
Li J. et al. - *J. Chin J Clin Obstet Gynecol* (2016 July).
- **The effect of microablative Fractional CO₂ Laser on vaginal flora of postmenopausal women.**
Athanasiou S. et al. - *Climacteric* (2016 Aug).
- **Microablative fractional CO₂-laser therapy and the genitourinary syndrome of menopause: An observational study.**
Pitsouni E. et al. - *Maturitas* (2016 Sep).
- **An assessment of the safety and efficacy of a fractional CO₂ laser system for the treatment of vulvovaginal atrophy.**
Sokol E.R. et al. - *Menopause* (2016 Oct).
- **Fractional microablative CO₂ laser for vulvovaginal atrophy in women treated with chemotherapy and/or hormonal therapy for breast cancer: a retrospective study.**
Pagano T. et al. - *Menopause* (2016 Oct).
- **Fractional CO₂ Laser Treatment of the Vestibule for Patients with Vestibulodynia and Genitourinary Syndrome of Menopause: A Pilot Study.**
Murina F. et al. - *J Sex Med*. (2016 Dec).
- **Fractional CO₂ Laser Treatment for Vaginal Atrophy and Vulvar Lichen Sclerosus.**
Baggish M. S. - *Journal of Gynecologic Surgery* (2016 Dec).

11 SMARTXIDE² & SMARTXIDE TOUCH

Simplicity and safety for complex technologies

The two latest-generation fractionated CO₂ laser systems developed by DEKA research centres for MonaLisa Touch® have unique and unparalleled features:

- **Effective depth of action (60 W CO₂ laser)**
- **Brief and painless treatment (D-Pulse)**
- **Homogeneous application**
- **Maximum patient adaptability
(wide range of applicators)**



12 WIDE RANGE OF APPLICATORS available

The series of applicators and scanners supplied with the product optimise laser performance, depending on the type of atrophy or treatment to be carried out, and take into account the anatomy of the parts to be treated and patient clinical condition.

360° Applicator. The pyramidal mirror ensures that the laser beam is emitted at 360° to undergo an effective, fast and easy treatment.

90° Applicators. Available in two sizes (23mm and 16mm) depending on the patient's condition - specifically for treating the upper channel (urinary incontinence). Applicators available either open or closed.

Vulvar Applicator for DOT Therapy (fractionated treatment) of the external genitalia.

Applicator with scanner



360° Applicator



90° Applicators



Vulvar Applicator





13 White Papers

Visit www.monalisatouch.com to retrieve all the documentation from doctors themselves who are already using the device:

- Menopausal Vaginal Atrophy Treatment with Microablative Fractional CO₂ Laser. A New Approach.
- Report on the Results of the MonaLisa Touch® Treatments Performed at San Marino State Hospital.
- Use of the MonaLisa Touch® Treatment on Cancer Patients.
- MonaLisa Touch®: Experience of the "Centro Dermatologico s.r.l" Private Clinic in Bologna - Italy.
- Fractional CO₂ Laser for Vaginal Atrophy Treatment.
- MonaLisa Touch® for the Treatment of Vulvar Atrophy and Lichen Sclerosus.
- Use of CO₂ Laser Therapy Against Vaginal Atrophy, Vaginal Laxity and Urinary Incontinence.
- Vaginal Atrophy: Changes that Affect the Quality of Life.
- Use of the MonaLisa Touch® Treatment for Post-Partum Dyspareunia. A Pilot Study.
- Vaginal Collagen Remodelling After Fractional Carbon Dioxide Laser Surgery.

14 Other information sources and training

Consult our websites for further information or technical details, including clinical files, books and videos available to doctors and healthcare professionals:

www.monalisatouch.com
www.dekalaser.com

We can provide you with regular MonaLisa Touch® updates and training worldwide: if you are interested in demos, workshops, seminars or events events and appointments, please contact your local distributor.



Find out all the latest updates and news on our official websites:

www.monalisatouch.com
www.dekalaser.com

or follow MonaLisa Touch® on Social Network



DEALER AREA



The Code of Excellence

DEKA M.E.L.A. s.r.l.

Via Baldanzese, 17 - 50041 Calenzano (FI) - Italy - Tel. +39 055 8874942 - Fax +39 055 8832884
info@dekalaser.com - www.dekalaser.com