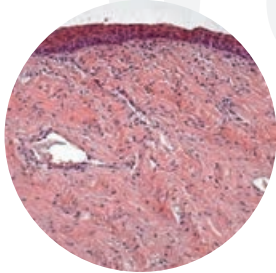




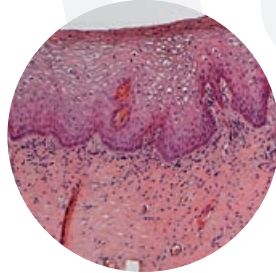
MonaLisa Touch®

THE **GAME CHANGING** LASER THERAPY FOR VULVO-VAGINAL HEALTH

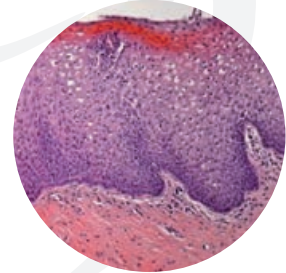
The Only Laser Approved the **Scientific Community**
and Supported by **International Publications**



1



2



3

The Unrivalled Treatment for:
Genitourinary Syndrome of Menopause: Vaginal Dryness • Dyspareunia
• Vestibulodynia • Itching • Mild Mixed Urinary Incontinence.
Post Partum Hypoestrogenism Symptoms

DEKA
Innate Ability



MonaLisa

Touch[®]

The only **LASER THERAPY** fully **RECOGNIZED**
by the **INTERNATIONAL SCIENTIFIC COMMUNITY**

- 1 ● The original solution: safe, quick and effective
- 2 ● Non-invasive, painless
- 3 ● Immediate efficacy just after 1 treatment
- 4 ● No post-treatment recovery time
- 5 ● Hundreds of thousands of women successfully treated

- 1** MonaLisa Touch® by DEKA **STIMULATES AND REGENERATES** the vaginal mucosa in a natural way.
- 2** **FIGHTS** 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 and supported by detailed histological and ultrastructural studies published in the main international peer-review journals.

4 YOUR BEST TOOL to treat Genitourinary Syndrome of Menopause (GSM).

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

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

- **vaginal dryness,**
- **itching and burning,**
- **painful sex (dyspareunia),**
- **vestibulodynia** ^[11]
- **mild mixed urinary incontinence .**



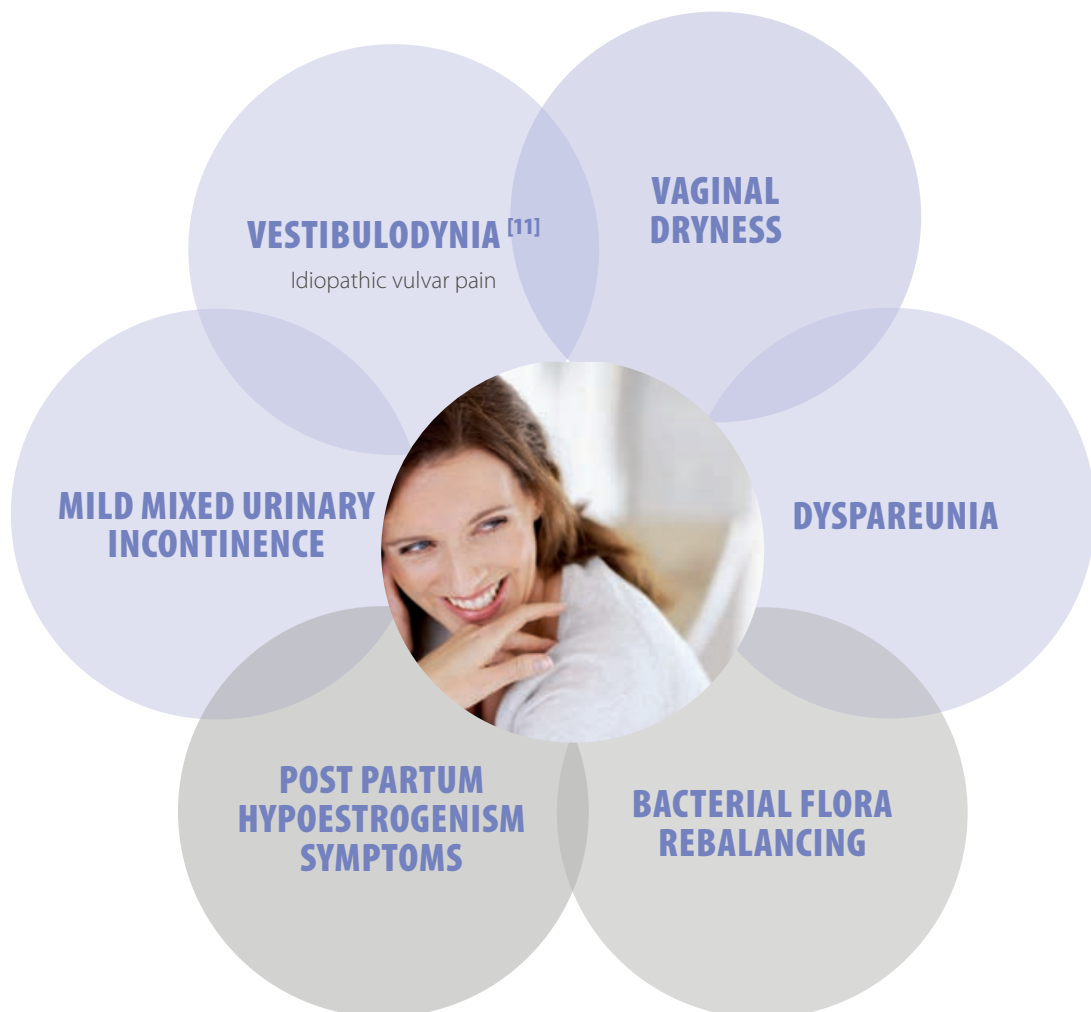
UNRIVALLED ADVANTAGES

- **NO** anaesthesia
- **NO** pain during and after treatment
- **NO** long treatment time
(under 5 min.)
- **NO** downtime



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

Elective treatment for genitourinary syndrome in menopausal women and oncological patients who are unable or not willing to undergo hormonal treatments, MonaLisa Touch® has also shown to be helpful to treat many other disorders and symptoms, such as:

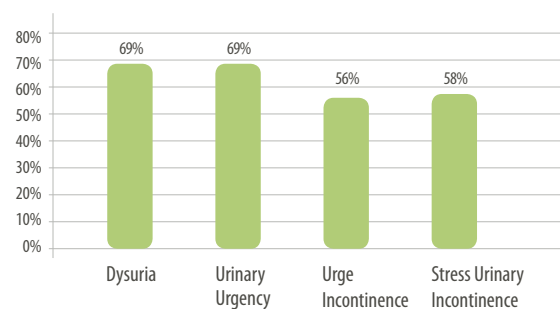
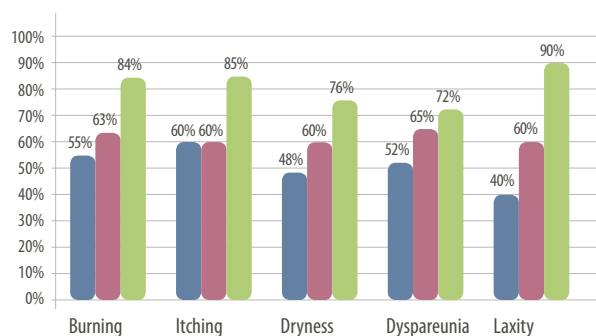


The CO₂ laser systems developed for MonaLisa Touch® are now also preferred to the traditional aesthetic and functional gynecology for surgical correction of vulvar dysmorphism, such as labioplasty, or for surgical correction of disfuncions caused by hereditary factors, pregnancy or natural ageing.

DEKA has introduce a new single use handpiece with a biopolar Radiofrequency (RF Touch), providing the possibility to stimulate vaginal tissue tightening.

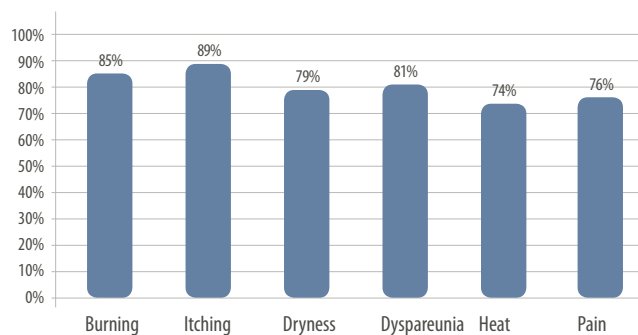
RESULTS

The graphs show the improvement (%) for the main symptoms of **vaginal atrophy** and related **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.



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



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.

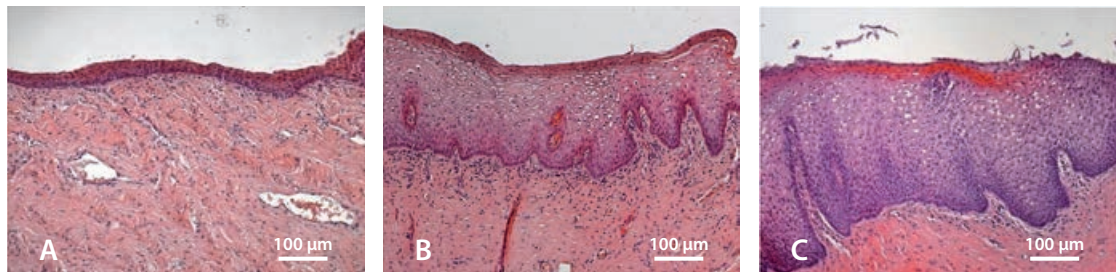
Histological preparations of vaginal mucosa sections stained with haematoxylin and eosin (H&E).

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.

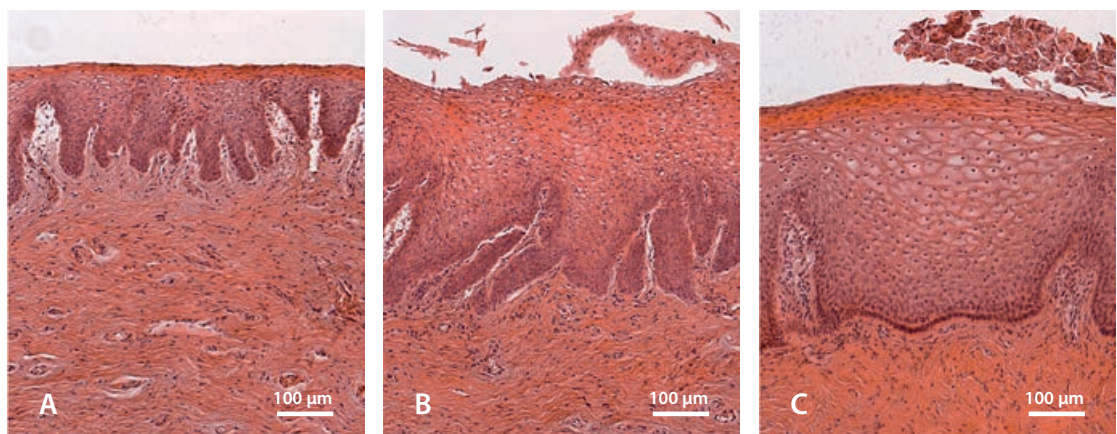
(C): The same patient one month after the 2nd MonaLisa Touch® session. It is possible to observe a further thickening of the mucosa epithelium.

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**



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, at that time, no evidence or credibility were available in Gynecology. With time both clinical and histological results exceeded my expectations! Histological studies, conducted in collaboration with Prof. Alberto Calligaro from the University of Pavia, showed that MonaLisa Touch® treatment restored the mucosa to a premenopausal condition, as would occur after an oestrogen hormone replacement treatment.

Stefano Salvatore, M.D.

Associate Professor in Obstetrics and Gynecology, Vita e Salute San Raffaele University
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.

Mickey Karram, M.D.

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



I consider MonaLisa Touch® treatment a milestone option for several urogynecological applications, such as Genitourinary Syndrome of Menopause (GSM), cancer related vaginal atrophy and dyspareunia conditions that do not respond quite well to traditional treatments. All of our patients reported an important improvement either on all the symptoms and quality of life.

Pablo Gonzalez Isaza, M.D.

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



"MonaLisa Touch® has a beneficial effect on the vaginal microenvironment in women with symptoms of GSM. This laser therapy restores the vaginal equilibrium to a healthier status, as would normally be expected if estrogen levels were sufficient. The more acidic pH of vaginal fluid can protect postmenopausal women from vaginal infections, inflammation and possibly from UTIs.

Stavros Athanasiou, M.D.

Urogynecology Unit, 1st Dept of Obstetric and Gynecology
Alexandra Hospital – Athens (Greece)

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. Paulo, 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)

"It's time to take the 'pause' out of menopause"

(Daily Mirror, UK)



9 **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.

- [1] **A 12-week Treatment with Fractional CO₂ Laser for Vulvovaginal Atrophy: a Pilot Study.** Salvatore S. et al. - *Climacteric* (2014 Aug).
- [2] **Microscopic and Ultrastructural Modifications of Postmenopausal Atrophic Vaginal Mucosa after Fractional Carbon Dioxide.** Zerbinati N. et al. - *Lasers in Medical Science* (2015 Jan).
- [3] **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).
- [4] **Sexual Function after Fractional Microablative CO₂ Laser in Women with Vulvovaginal Atrophy.** Salvatore S. et al. - *Climacteric* (2015 Apr).
- [5] **Fractional CO₂ Laser for Vulvovaginal Atrophy (VVA) Dyspareunia Relief in Breast Cancer Survivors.** Pieralli A. et al. - *Archives of Gynecology and Obstetrics* (2016 May).
- [6] **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).
- [7] **The Effect of Microablative Fractional CO₂ Laser on Vaginal Flora of Postmenopausal Women.** Athanasiou S. et al. - *Climacteric* (2016 Aug).
- [8] **Microablative Fractional CO₂ Laser Therapy and the Genitourinary Syndrome of Menopause: An Observational Study.** Pitsouni E. et al. - *Maturitas* (2016 Sep).
- [9] **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).
- [10] **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).
- [11] **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).
- [12] **Fractional CO₂ Laser Treatment for Vaginal Atrophy and Vulvar Lichen Sclerosus.** Baggish M. S. - *Journal of Gynecologic Surgery* (2016 Dec).
- [13] **Fractional CO₂ Laser: From Skin Rejuvenation to Vulvo-Vaginal Reshaping.** Filippini M. et al. *Photomed Laser Surg.* (2017).
- [14] **Use of a Novel Fractional CO₂ Laser for the Treatment of Genitourinary Syndrome of Menopause: 1-year Outcomes.** Sokol ER et al. - *Menopause* (2017 Feb).
- [15] **Fractional CO₂ Laser Therapy: a New Challenge for Vulvovaginal Atrophy in Postmenopausal Women.** Siliquini GP et al. - *Climacteric* (2017 May).
- [16] **Long-term Effect of Thermoablative Fractional CO₂ Laser Treatment as a Novel Approach to Urinary Incontinence Management in Women with Genitourinary Syndrome of Menopause.** González Isaza P et al. - *Int Urogynecol J* (2017 May).

Find out more:

www.monalisatouch.com

10 SMARTXIDE² & SMARTXIDE TOUCH

Simplicity and safety for complex technologies

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

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



11 WIDE RANGE OF APPLICATORS available

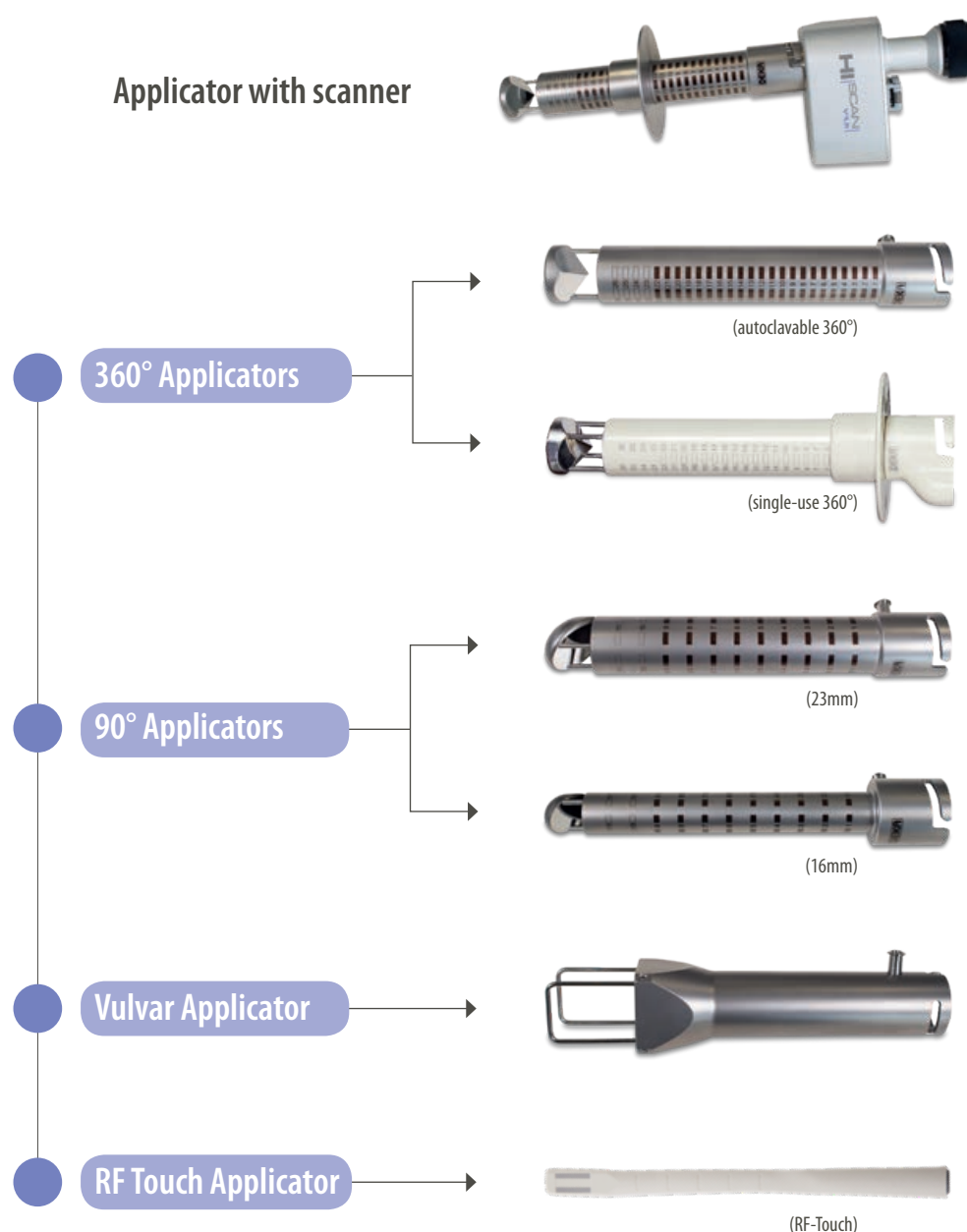
The series of applicators and scanners supplied with the product optimise laser performance, depending on the type of atrophy or treatment to be carried out, and perfectly adapt to the anatomy of the parts to be treated and patient clinical condition.

360° Applicators. The pyramidal mirror allows the laser beam to be delivered at 360° to undergo an effective, fast and easy treatment. Single-use applicators are also available.

90° Applicators. Available in two sizes (23mm and 16mm) depending on the patient's condition - specifically for treating the upper side of the vagina (urinary incontinence).

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

RF Touch Applicator Single use bipolar Radiofrequency handpiece for vaginal non surgical tightening, mild SUI and labia hypertrophy treatment.



12 White Papers

Visit www.monalisatouch.com to retrieve all the documentation from doctors themselves who are already use 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.
- Preliminary Results after Four Years of MonaLisa Touch® Treatments on Subjects with Genitourinary Syndrome of Menopause (GSM).

13 Other information sources and training

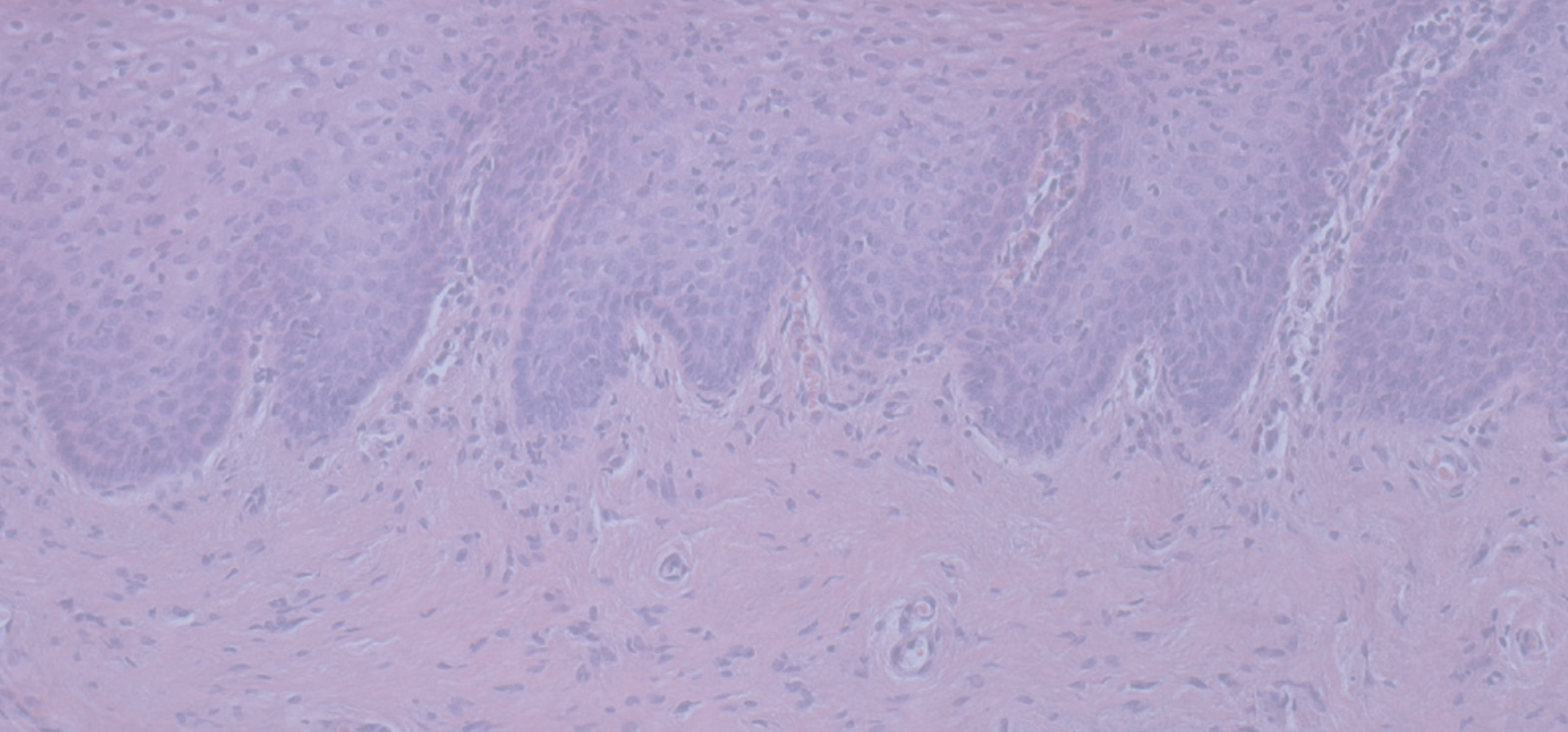
Consult our websites for further information or technical details, including clinical files, books and videos available to doctors and healthcare providers:

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.





This brochure is not intended for the market of USA.

● 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