



THE CLINICAL SOLUTION FOR OPTIMAL FEMININE WELLNESS AT ANY AGE



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

Alma | Surgical
Lasers™



RESTORING WOMEN'S WELLNESS

Alma FemiLift is a state-of-the-art, minimally-invasive outpatient solution that incorporates CO₂ technology to provide optimal care for various feminine concerns. The procedure is fast, painless and completely safe, and provides highly effective results.

Life processes such as childbirth, weight fluctuations and hormonal changes may overstretch and damage vaginal tissue, damage the pelvic floor and alter the mucosal tone of the vaginal wall. These physiological changes can lead to conditions such as stress urinary incontinence, vaginal atrophy, dryness, and recurring infections - negatively affecting a woman's quality of life and self confidence.

The social costs of these conditions are also high and may affect sexual, interpersonal and professional functioning. Routine activities, such as working, traveling or social events can be a source of tension and insecurity and may even be avoided.

FemiLift is a versatile solution that enables medical practitioners to treat various feminine indications quickly and effectively. Procedures are conducted in an outpatient setting, and do not require anesthesia or downtime, ensuring that women can resume their routine - and regain their confidence - soon after.

FemiLift opens up your clinic to a wide range of patients, varying in age and stage in life, broadening your reach - and adding real value to your practice.

"FemiLift represents a novel approach for outpatient medical treatments, with excellent treatment results, paving the way for new, safe and efficacious outpatient surgical treatment options that are free from side effects and completely asymptomatic."

Prof. Paolo Scollo, President S.I.G.O. Rome, Italy

"Application of fractional CO₂ laser (FemiLift™), creates thermal and ablative effects on vaginal walls, triggering a significant improvement in the production of collagen within vaginal submucosa. 80% of the women who participated in the study experienced a marked improvement in sexual response."

Prof. Gabriel Alberto Femopase
University of Cordoba, Argentina (UNC)

MEETING DIVERSE MEDICAL CHALLENGES WITH ONE SOLUTION

FemiLift 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. FemiLift 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%). FemiLift 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, FemiLift 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.

"The advantages of these procedures are vast. Treatments are pain-free, minimally invasive, occur in an outpatient setting, and yield high success rates and quick recovery - without affecting patients' normal activities."

Dr. Gabriel Alberto Femopase
University of Cordoba, Argentina (UNC)

VAGINAL DRYNESS & RECURRENT INFECTIONS

FemiLift 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. FemiLift utilizes laser treatments to **enhance the local immune system** response and help eliminate chronic vaginal infections.

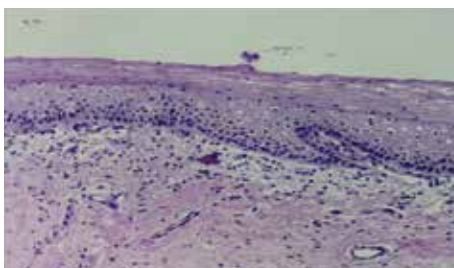
POST-MENOPAUSE - GSM

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.

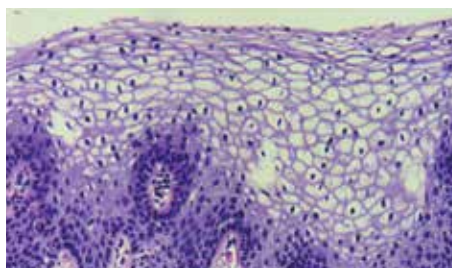
The shift in hormones that occurs with menopause can cause the lining of the vagina to become thinner, drier, less elastic and inflamed. FemiLift rejuvenates the vaginal lining, **increasing the thickness of the vaginal walls and restoring natural lubrication**. The treatment reduces uncomfortable symptoms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

POST-DELIVERY REHABILITATION

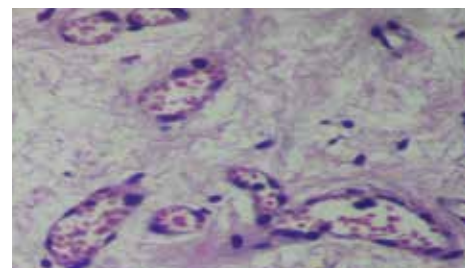
Childbirth involves many physiological changes to a woman's body. Post-delivery, the vaginal area may feel stretched and dry and the pelvic floor may be weakened. FemiLift rehabilitates the entire vaginal area by **reinforcing and toning vaginal tissue**, restoring its strength and flexibility.



Histology B: Pre-treatment: atrophic vaginal mucosa. thin epithelium with mild parakeratosis



Histology C: Post laser treatment: thick vaginal epithelium, rich in glycogen



Histology D: Post laser treatment Neovascularization: new blood vessels in the sub-epithelial, lamina propria

Courtesy of Jorge Alberto Eias, MD, Buenos Aires, Argentina

STATE-OF-THE-ART TECHNOLOGY: NEW POSSIBILITIES IN OUTPATIENT TREATMENT

Pixel CO₂ laser for deep thermal heating, micro-ablation and tissue remodeling

Alma fractionated CO₂ laser is a high-powered laser that adds unparalleled precision and innovation to outpatient medical care. Supporting today's most advanced array of surgical tools, treatment results are enhanced with Alma's CO₂, leading to new possibilities in minimally invasive surgical outpatient procedures.

FemiLift harnesses the power of fractional CO₂ laser technology, the gold standard in skin tightening and rejuvenation, to achieve a deep thermal effect for vaginal collagen remodeling, without causing aggressive ablation. CO₂ laser energy is delivered to the vaginal tissue through a DOE (Diffractive Optical Element) that pixelates the beam to 81 microscopic pixels in a 9x9 pattern.

This technological approach enables the utilization of much higher energy levels by longer pulse duration, to achieve a strong and impactful thermal effect.

Microscopic columns of thermal zone penetrates deep into the submucosa, leaving the surrounding tissue intact, with minimal ablation. This allows faster healing as the mucosa of the vaginal wall is rejuvenated. This process contracts existing fibers and stimulates the formation of new collagen, rejuvenating the target tissue.

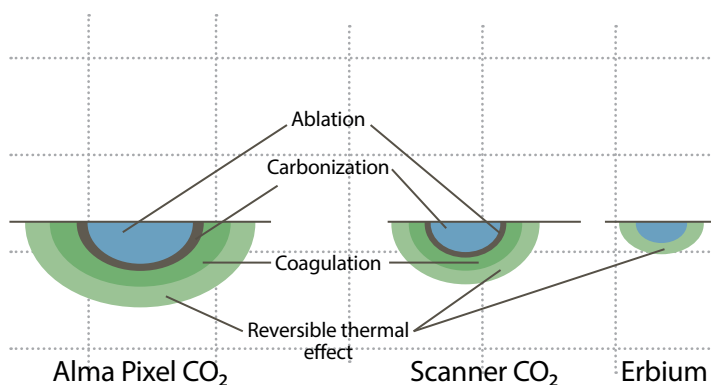


Figure B: CO₂ laser achieves a deep thermal effect for vaginal collagen remodeling.

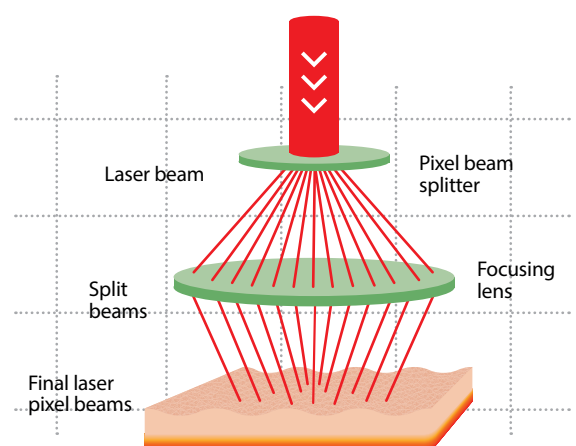


Figure C: CO₂ laser energy is delivered to the vaginal tissue using a pixel pattern, promoting faster healing and vaginal wall rejuvenation.

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THE SYSTEM: INTEGRATING TECHNOLOGY AND CONVENIENCE FOR OPTIMAL RESULTS

"FemiLift yields a high level of patient satisfaction and quick recovery time. It is a highly acceptable procedure for patients seeking a top quality treatment, efficiency, and superior lasting results."

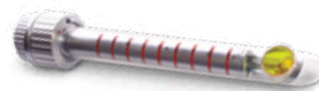
Dr. Alexander Bader MD, FAAOCG

European Board OB/GYN - Reconstructive and Cosmetic Gynecologist. Founder and President of The European Society of Aesthetic Gynecology, (ESAG) London, Dubai, Athens.



FEMILIFT PROBE

The FemiLift handpiece is a unique, single-use hygienic probe, uniquely designed to fit varying vaginal sizes and ensure maximum patient comfort. During treatment, the physician rotates the probe in a 360 degree pattern to cover the entire vaginal wall, providing optimal coverage and efficiency.



FEMILIFT SLIM PROBE FOR NARROWER ANATOMICAL STRUCTURES

The new and hygienic, single use FemiLift Slim Probe was designed to fit women with inherently narrower anatomical structures, as well as those who have experienced anatomical or histological changes such as vaginal atrophy or tissue damage resulting from oncology treatments. Working with this slender probe follows the same protocol as with the standard probe.



FemiTight FOR LABIA MAJORA TIGHTENING

The new and uniquely designed FemiTight is a CO₂ probe that was created for the treatment of labia majora tightening.

Treatments conducted with this probe use a low fluence beam laser that gently heats the tissue, effectively restoring and reviving collagen growth.



LiteScan FOR LABIA MAJORA REJUVENATION

FemiLift LiteScan offers char-free tissue ablation with multiple scanning patterns, resulting in significantly improved overall skin tone, elasticity and texture, and reduced superficial pigmentation. Utilizing the CO₂ laser treatment mechanism, it promotes accelerated re-epithelization, allowing for faster healing and tissue regeneration.

TECHNICAL SPECIFICATIONS

Laser Output Power	30W, 70W
FemiLift Probe	Sealed Single Use
Single Use Probe	2 Sizes
Output Power Per Pixel	10-120mJ
Treatment Area	1cm ²
Pixel Spot Size	200µm
Adaptable to most surgical microscopes and colposcopes	



FEMILIFT SMART FOR FAST, HOMOGENEOUS TREATMENTS



This innovative robotic technology facilitates smart and homogeneous treatments, and is easily adjustable for varying indications and protocols. The applicator is programmed according to the indication and the parameters of the treatment and enables automatic treatments in a 360/120 degree pattern for optimal coverage.

FemiLift Smart enables homogeneous treatments while focusing on optimal parameters of different applications, to ensure high efficiency and effectiveness.



FEMICAM DIAGNOSTIC PROBE

The FemiLift vaginal camera is a diagnostic tool that enables physicians to visualize vaginal mucosa pre-and post-treatment and evaluate tissue reaction to laser treatment.

The camera is equipped with LED lighting which does not affect the tissue and can be connected easily to an Android tablet, allowing physicians to download recorded images for future analysis. This probe provides physicians with increased gynecological information based on their ability to view and record the area, and not only assess it through touch. It offers valuable data which lets them observe and evaluate the indication more accurately, better define the treatment, and ultimately achieve improved clinical results.



THE BENEFITS OF ALMA FEMILIFT

FAST, HOMOGENEOUS
TREATMENTS

SAFE, EASY & EFFECTIVE

IMMEDIATE RESULTS

HYGIENIC, SINGLE USE PROBE

MINIMALLY INVASIVE
OUTPATIENT TREATMENT

CO₂ TECHNOLOGY:
CLINICALLY PROVEN. OPTIMAL
FOR COLLAGEN REMODELING



MORE VALUE FOR YOUR CLINIC:

- Lets you expand clinical portfolio and target patient range
- Easy and safe to perform
- Promotes long term patient relationships

"The evaluation of the study's factors estimates that the cost of a laser is equivalent to an average of 10-20 surgeries, depending on the country."

Jorge Alberto Elías, MD, Centro Privado de Atención de las Patologías del Piso Pelviano y la Cosmética Femenina, Buenos Aires, Argentina



BETTER LIFE FOR YOUR PATIENTS:

- Safe, Fast
- Relevant for many common conditions
- No downtime. No pain.
- Routine procedure; integrated easily into feminine healthcare management

"The FemiLift treatment surpasses current available market solutions, while presenting excellent outcomes. With FemiLift, I can offer my patients a safe, easy to administer and pain-free solution that actually works. Following a short visit to the clinic, SUI symptoms are reduced or completely eliminated, allowing women to return to their normal activities immediately."

Dr. Ksenija Šelih Martine, Kalliste Medical Center, Slovenia



Alma Surgical is the new standard in pioneering, smart laser solutions, and the bridge to highly specialized outpatient medical care. From gynecology, urology and phlebology to plastic surgery and dermatology, the company's minimally-invasive laser solutions provide superior results and reduced treatment time for safer and more efficient practice and patient care. Alma Surgical is a division of Alma Lasers, a global innovator of laser, light-based, radiofrequency and ultrasound solutions for the medical aesthetic and surgical markets.

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