

Clinically Proven,  
Hormone-Free  
Vulva/Vaginal  
Treatment

CO2LiftV



# What is CO2LiftV?

## CO2LiftV restores youthful functionality

of the vagina by infusing the area with carbon dioxide. That process of infusing the area with carbon dioxide forces the body to rush oxygen-rich blood to the tissue, helping to regenerate the cells and may improve the following:

- GSM Symptoms
  - Dryness
  - Burns
  - Itching
  - Dyspareunia
- Loss of Sensitivity
- Vaginal Laxity
- Urinary Incontinence
- Cosmetic Problems
- Vaginal relaxation syndrome (VRS)





## CO2LiftV regenerates the tissue and can improve:

- Dryness/Lubrication
- Itching/Burning
- Dyspareunia
- Sensitivity
- Urinary Incontinence
- Lichen Sclerosus
- Cosmetic Appearance



Options of Kits - 5 count, 3 count or 1 count



"I have a number of patients with Resolution of dyspareunia while using CO2LiftV carboxytherapy gel. In fact, I have also seen normalization of vaginal pH and decrease in frequency of urinary tract infections."

Maria Canter  
MD, FPMRS, FACOG, MSC

"I am excited about CO2LiftV as it helps my patients achieve a more youthful vaginal tone and function, so that she will gain more confidence and feel like she is in the prime of her life."

Red Alinsod  
MD, FACOG, FACS, ACGE



"...The CO2LiftV is a great product to enhance intimate moisture and balance vaginal health. Some of my patients report an improvement in their sex life. I also recommend it to my patients that have eczema, psoriasis and lichen sclerosus "downstairs".

Jeanine Downie  
MD, FAAD



# Who is CO2LiftV for?

## CO2LiftV can be for every woman

- Women for self-care and general intimate health
- New Mothers
- Menopausal Women
- Women on prescription medication
- Women concerned about the vulva's cosmetic appearance
- Women who have had chemotherapy
- Women with a history of breast cancer who have GSM symptoms but cannot take estrogen
- Women with Lichen Schlerosus
- Women with PCOS



Before

After

Results shown above are after one treatment using CO2LiftV in vulva and vagina.

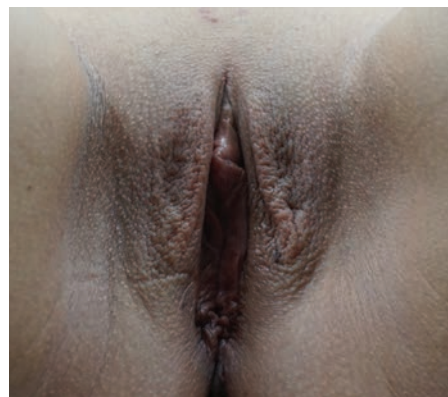
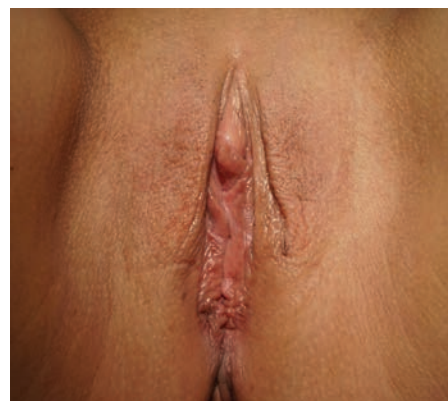
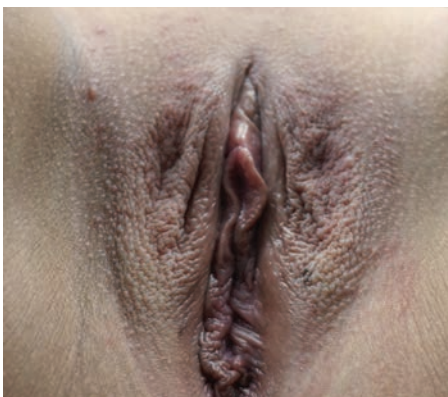
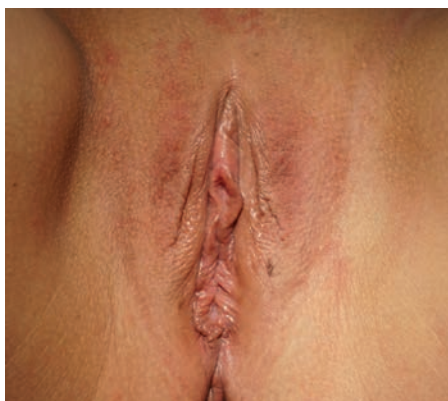
## 2x 5ct CO2LiftV Treatments in Vulva & Vagina

5 Treatments Daily Week 1, 5 Treatments Daily Week 2

Before 1st  
Treatment



03/31/18



After 2nd  
Series  
Treatment



05/05/18



## Biopsy-Confirmed: Lichen Sclerosus

Before Treatment and After 15 CO2LiftV Treatments

- Lichen Sclerosus treatment is very limited (corticosteroids)
- After CO2LiftV treatments, patients exhibited:
  - Relief to burning and itching
  - Repair to broken skin from scratching
  - Improves appearance
  - Reduce burning with urination
  - Improve lubrication during sexual intercourse

*Photos courtesy of John Leonardo, MD*





# CO2LiftV Clinical Study Conclusions

In a clinical study, menopausal patients who were experiencing vaginal dryness and dyspareunia reported the following results after 10 daily treatments:

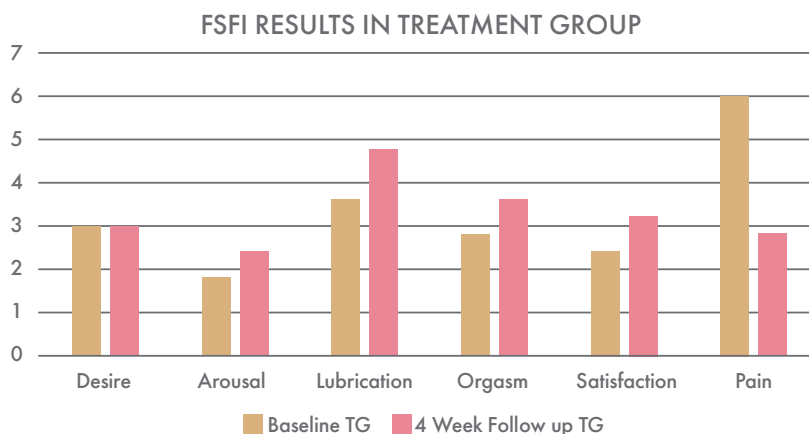
- ✓ Increased vaginal lubrication
- ✓ Aesthetic improvement in the vulva area
- ✓ Enhanced skin tone and elasticity
- ✓ Decreased pain during sexual intercourse
- ✓ Increased sensitivity and sexual pleasure



*Surgical Technology International; Vol. 38*

## A Pilot Randomized, Double-blind, Placebo-controlled Clinical Trial on the Efficacy and Safety of a Transdermal Gel that Delivers CO<sub>2</sub> in the Treatment of Vulvovaginal Atrophy

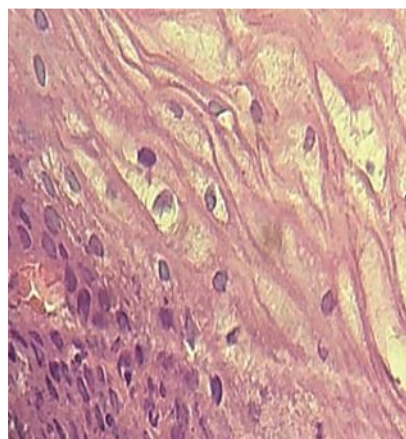
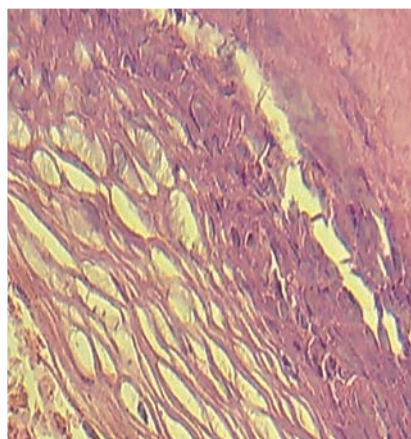
Gustavo H Leibaschoff<sup>1, 2</sup>, Carmen Teresa Navarro Arrieta<sup>3, 4</sup>, Carmen Leonor Garcés Reyes<sup>5, 6</sup>, Uliana L Melamed<sup>1, 7</sup>



## Histological Evidence

CO<sub>2</sub>LiftV Impact on Vaginal Tissue

**BEFORE TREATMENT**  
pre-dominance of basal & parabasal cells



**POST-TREATMENT (10X)**  
thicker epithelium with maturation

## Protocol for Stand Alone Treatment

Most women report results in as little as 3 treatments.

### Initial Protocol

- 3 to 15 treatments, depending on severity of symptoms.
- Perform treatment daily.

### Application

- Apply CO2 gel into the first third of the vagina.
- Apply remainder of gel to the vulva area: over the labia majora, minora, clitoris and perineum.
- Remove with water by flushing out after a minimum of 45 minutes. Can be left in overnight.

## Protocol for Combination Therapy Treatments

Reduce complications and recovery time while improving procedural outcomes. It can be used to prep and pre-treat 1 day to 2 weeks prior to any in-office procedure or surgery.

### » Plasma/O-shot

- 1 treatment immediately or within 24-hours post-treatment.
- 2-4 treatments daily after, depending on severity of symptoms.

### » Energy-Based Treatments (Laser or RF)

- 1 treatment prior to treatment on top of numbing cream (when applicable).
- 1 treatment immediately or within 24-hours post-treatment.
- 3 treatments daily after.

### » Labiaplasty

- 1 treatment immediately or within 24-hours post-surgery.
- 4-9 treatments daily after.

## Protocol for Maintenance

1 treatment monthly for regular maintenance.



## WHAT IS CARBOXYTHERAPY?

Initially popularized in Europe in the 1930s, gaseous carbon dioxide is injected to create a natural vasodilator. The blood vessels widen, increasing the transport of oxygen body tissues for cellular regeneration and anti-inflammatory effects.

- Carboxytherapy is the therapeutic use of CO<sub>2</sub>.
- When infused into the skin, CO<sub>2</sub> immediately diffuses at the cutaneous and muscular microcirculatory levels, resulting in higher tissue oxygenation and neoangiogenesis.

## WHAT IS CO<sub>2</sub>LIFT CARBOXYTHERAPY GEL?

- A take-home treatment created in 2015 that maximizes chair time and is proven to have similar results to injections.\*
- Beneficial to all providers: surgical, aesthetic, medical, and aestheticians
- Powerful anti-aging and aesthetic solution designed for face, eyes, body and vagina.
- Regenerates the vulva/vaginal tissue and reduces the symptoms of GSM.\*\* \*\*
- Effective for healing diabetic ulcers in as little as 4 treatments.\* \*\* \*
- Focuses on solving an individual's aging skin without the use of machines, aggressive peels, injections, or cosmetic surgery.

## CARBOXYTHERAPY EFFECTS

- Vasodilation\*
- Increase in Flow Motion\*
- Increase in Growth Factors (eg VEGF)
- Increase in Microcirculation
- Increase in Neoangiogenesis
- Increase in tissular oxygenation/[PO<sub>2</sub>] Bohr Effect\* \*\*
- Neoprocollagenesis
- Correction of PH
- Cleaning of the ECM for improved tissue health\* \*\* \*
- Biostimulation of the connective tissue\* \*\* \*\* \*
- Resoration of the microvascular-tissular unit exchanges\* \*\* \*\* \*\* \*

\*Hartmann BR, Bassenge E *Angiology* 48:337, 1997

Abramo AC *Rev Bras Cir Plast*, 2009

Varlaro V *Blood* 2007

\*\*Vacher, 1987

\*\*\*Maia-Figueiró TL, ODashire AN, Menezes GP

\*\*\*\*Ferreira JCT *J Drugs Dermatol*, 2008

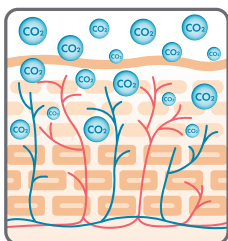
\*\*\*\*\*Curri, Albergati, 1997

\*Leibaschoff, G, Roberts W, Coll L, 2018 *Surgical Tech Int* \*\*Biometrix 2017 Hydration Study

\*\*\*Leibaschoff G, Reyes C, Arrieta C, Melamed J, 2021 *Surgical Tech Int*. \*\*\*\*Pilot study conducted by Dr. Laura Slack

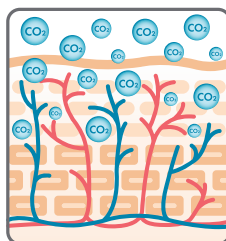
## WHAT IS THE MECHANISM OF ACTION?

The energy necessary for cell division and cell activation is produced by the increase of oxygen.



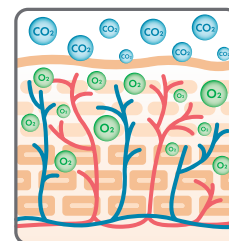
### CO<sub>2</sub> Skin Absorption

Absorption of CO<sub>2</sub> leads to a deficiency of oxygen beneath the skin and causes the body to supply more oxygen.



### Expansion of Capillary

Blood brings oxygen into the body, and the blood vessels expand.



### Supply of Nutrients and O<sub>2</sub> to the Cells

Blood supplies oxygen as well as nutrients and immunoregulatory substances to the cells.

For more information, contact [support@lumisque.com](mailto:support@lumisque.com) for your free demo