



# Vaginal Rejuvenation

At home /  
Hormone-Free Treatment

CO2LiftV

First Proven Carboxy  
Gel for Vulva/Vagina



# 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 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 improves:

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



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

## Physiological Effects of Carboxytherapy

- Vasodilation\*
- Increase in Flow Motion\*
- Increase in Growth Factors (eg VEGF)\*\*
- Increase in Microcirculation\*
- Increase in Neoangiogenesis\*\*\*
- Increase in [PO<sub>2</sub>] Bohr Effect\*\*
- Neoprocollagenesis\*\*\*\*
- Correction of pH



\*Hartmann BR, Bassenge E *Angiology* 48:337, 1997; Abramo AC *Rev Bras Cir Plast* 2009; Varlaro V *Blood* 2007

\*\*Vacher, 1987 / \*\*\*Ferreira JCT *J Drugs Dermatol.* 2008 / \*\*\*\*Maia-Figueiró TL, Odashiro AN, Menezes GP

# Who is CO2LiftV for?

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## 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

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## 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 Conclu

- Progressive and cumulative
- Transcutaneous CO2LiftV gel can be used as a base treatment to regenerate the VVA, reducing GSM symptoms and signs.
- Transdermal CO2LiftV gel can be combined with low-dose estrogens for a short period of time.
- It can also be utilized with other techniques, like laser, radiofrequency, PRP, and nanofat to synergize effects.



*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>



"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*

## 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 weekly or every 5 to 7 days.

### 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 prineum.
- Remove 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 24-hours post-treatment.
- 2-4 treatments every 5-7 days after.

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

- 1 treatment prior to treatment on top of numbing cream (when applicable).
- 1 treatment 24-hours post-treatment.
- 3 treatments every 5-7 days after.

### » Labiaplasty

- 1 treatment 24-hours post-treatment.
- 4-9 treatments every 5-7 days after.

## Protocol for Maintenance

1 treatment monthly for regular maintenance.



# What is Carboxytherapy?

Therapeutic use of carbon dioxide (CO<sub>2</sub>) to create a natural vasodilator. The blood vessels widen, increasing the transport of oxygen body tissues for cellular regeneration and anti-inflammatory effects. Since 1933, carboxytherapy has referred to either subcutaneous injection of CO<sub>2</sub> or percutaneous application in a warm bath.



When administered subcutaneously or transdermally, CO<sub>2</sub> immediately diffuses at the cutaneous and muscular microcirculatory levels, resulting in higher tissue oxygenation and neoangiogenesis.

## Drawbacks of Traditional Carboxytherapy

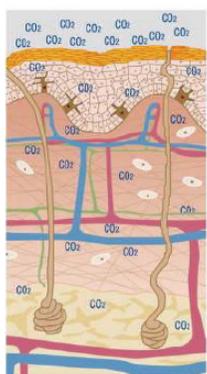
- Painful injections
- Must be done in office
- Equipment
- Cost

## What is CO<sub>2</sub>Lift Carboxy Therapy Gel?

- An in-office or take-home treatment created in 2015 that 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.
- Increased hydration ↑117% compared to baseline, post treatment for up to 3 weeks.\*\*
- Regenerates the vulva/vaginal tissue and reduces the symptoms of GSM.\*\*\*
- Effective for healing diabetic ulcers in as little as 4 treatments.\*\*\*\*

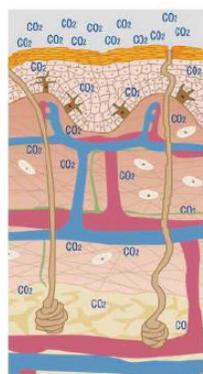
## Mechanism of Action

An increase in oxygen produces the energy necessary for cell division and activation.



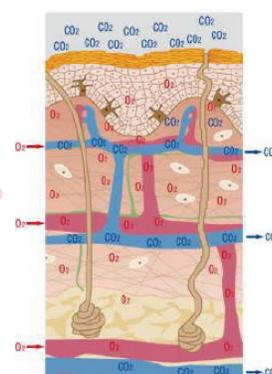
### CO<sub>2</sub> Skin Absorption

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.

\*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