

CARBOXYTHERAPY AS AN ADDITIONAL OPTION FOR THE TREATMENT OF VULVO-VAGINAL AGING

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M.D. Scilletta is the author of various scientific publications and held various formative courses about Carboxytherapy abroad.

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INTRODUCTION

Although all epithelial tissues are sensitive to hormone concentration levels, none of them has the same sensibility of the vaginal epithelia, neither from the hormone stimulation response speed point of view, nor from that of the quantity and quality of the response itself.

Menopause often entails atrophy and degradation of tissues surrounding the perineum and reduced response to stimulation. These tissues also present a loss of functionality and turgidity as well as a general decrease in sensitivity in the area.

In all these cases it is possible to use innovative protocols based on the application of CO₂ -using Venusian CO₂ Therapy- to improve the functionality of the genital area.

The treatment is used in synergy with classic therapies (hormone therapies, bio-restoring techniques, prp, etc) with the aim of making the area more turgid and hydrated.

The role of this therapy is to oxygenate and reactivate the metabolic and draining processes responsible for slowing down physiological ageing, causing all the well-known functional consequences.

METHODOLOGIES AND MATERIALS

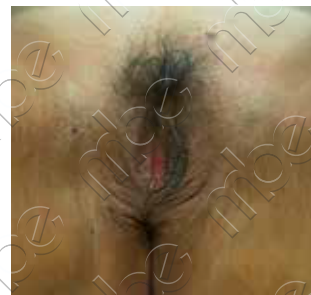
Carboxy Therapy performed with Venusian CO₂ Therapy is a quick procedure which makes it possible for patients to return to their daily activities immediately after treatment. During the injection phase patients might feel a slight discomfort which most patients describe as a slight burning and itchy feeling in the treated area.

Thanks to the effect of CO₂, the area, immediately after the treatment, will seem slightly swollen, but will go back to normal within half an hour.

In my clinical experience, having worked with Carboxy Therapy since 2007, and having treated with Carboxy Therapy for vulvovaginal uses more than 80 women between 27 and 73 years of age, I have always noticed an improvement in all patient symptomatology. There are no significant side effects. Patients suffering from emphysema, COPD, renal failure or if pregnant must not submit to treatment

Cancer patients are treated only if the disease is in a state of complete remission and after the approval of a fellow oncologist.

With the more sensitive patients an anesthetic cream should be applied 30 minutes before treatment.



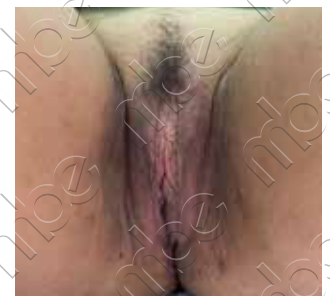
Before



After



Before



After

Courtesy of MD Alessandra Scilletta - Catania (Italia)

CARBOXY THERAPY FOR VULVOVAGINAL USES

CONCLUSIONS

With the use of this gas it is possible to improve the following aspects:

- The esthetic aspect of the treated area, as tissues recover turgidity
- Vagina firmness and functionality: the improvement of microcirculation in the treated area results in improved lubrication;
- Area sensitivity, which can mean an improvement in orgasm quality.
- In the postpartum period, Carboxy Therapy is indicated to treat episiotomy scars, to improve their quality both in terms of hardness and of pain relief.
- In perineum treatment, there is an improvement in circulation as well as an increase in the quantity of Oxygen which reaches the muscles, damaged during surgical incision.
- Increased sensitivity, due to improved circulation in the clitoris.
- Growth of mucosal epithelium after eight sessions, as shown in the article: Elias j., Carbone A., Gaspar A., "Carboxytherapy local treatment of vaginal mucosa atrophy or hipotrophy of vaginal mucosa at menopause and postpartum." - International Journal of Gynecology & Obstetric 119(2012):S563-S564