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Attuali indicazioni al trattamento laser in base alle evidenze scientifiche presenti in letteratura..

Efficace contro i sintomi della sindrome genito-urinaria (atrofia vulvo-vaginale)



Climacteric - Vol. 17, No. 4, 2014. Epub 2014 Jun 5

A 12-week treatment with fractional CO₂ laser for vulvovaginal atrophy: a pilot study

Salvatore S¹, Nappi RE², Zerbini M³, Calligaro A⁴, Ferrero S⁵, Orioni M⁶, Candiani M⁷, Leone Roberti Maggiore U⁸

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Maturitas - Vol. 80, No. 3, 2015. Epub 2014 Dec 25

Vulvo-vaginal atrophy: A new treatment modality using thermo-ablative fractional CO₂ laser

Perino A¹, Calligaro A², Forlani F³, Tiberio C⁴, Cucinella G⁵, Svelato A⁶, Saitta S⁷, Calagna G⁸

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Maturitas - Vol. 94, 2016. Epub 2016 Sep 16

Microablative fractional CO₂-laser therapy and the genitourinary syndrome of menopause: An observational study

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1: National and Kapodistrian University of Athens, Athens - Greece; 2: "Alexandra Hospital", Athens - Greece; 3: San Raffaele Hospital, Milan - Italy

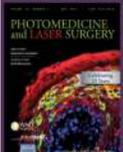


Menopause - Vol. 23, No. 10, 2016

An assessment of the safety and efficacy of a fractional CO₂ laser system for the treatment of vulvovaginal atrophy

Sokol ER¹, Karram MM²

1: Stanford University, Stanford, CA - USA; 2: The Christ Hospital, Cincinnati, OH - USA



Photomedicine and Laser Surgery. Epub 2016 Dec 30

Fractional CO₂ laser: from skin rejuvenation to vulvo-vaginal reshaping

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Climacteric - Epub 2017 May 15

Fractional CO₂ laser therapy: a new challenge for vulvovaginal atrophy in postmenopausal women

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Efficace contro i sintomi della sindrome genito-urinaria (atrofia vulvo-vaginale)



Journal of Endometriosis and Pelvic Pain Disorders - Vol. 6, No. 3, 2014

Microablative fractional CO₂ laser improves dyspareunia related to vulvovaginal atrophy: a pilot study

Salvatore S¹, Leone Roberti Maggiore U¹, Orignoli M¹, Parma M¹, Quaranta L¹, Sileo F¹, Cola A¹, Baini U¹, Ferrero S², Candiani M¹, Zerbini N³

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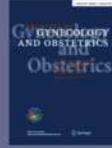


Maturitas - Epub 2017 June 27

Laser therapy for the genitourinary syndrome of menopause. A systematic review and meta-analysis

Pitsouni E¹, Grigoriadis T¹, Falagas M^{1,2}, Salvatore S¹, Athanasiou S¹

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Archives of Gynecology and Obstetrics - Epub 2017 Sep 2

Long-term reliability of fractioned CO₂ laser as a treatment for vulvovaginal atrophy (VVA) symptoms

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Current Opinion in Obstetrics and Gynecology - Vol. 27, No. 6, 2015

The use of pulsed CO₂ lasers for the treatment of vulvovaginal atrophy

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Chinese Journal of Clinical Obstetrics and Gynecology - Vol. 17, No. 4, 2016

The curative effect and feasibility analysis of fractional CO₂ laser in the treatment of vulvovaginal in postmenopausal women

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Menopause - Epub 2017 Feb 6

Use of a novel fractional CO₂ laser for the treatment of genitourinary syndrome of menopause: 1-year outcomes

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Efficace contro i sintomi della sindrome genito-urinaria (atrofia vulvo-vaginale)



Efficacia del laser dimostrata istologicamente



Lasers in Medical Science - Vol. 30, No. 1, 2015. Epub 2014 Nov 20

Microscopic and ultrastructural modifications of postmenopausal atrophic vaginal mucosa after fractional carbon dioxide laser treatment

Zerbinati N¹, Serati M¹, Origoni M¹, Candiani M¹, Iannitti T¹, Salvatore S¹, Marotta F¹, Calligaro A¹

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Menopause - Vol. 22, No. 8, 2015

Histological study on the effects of microablative fractional CO₂ laser on atrophic vaginal tissue: an ex vivo study

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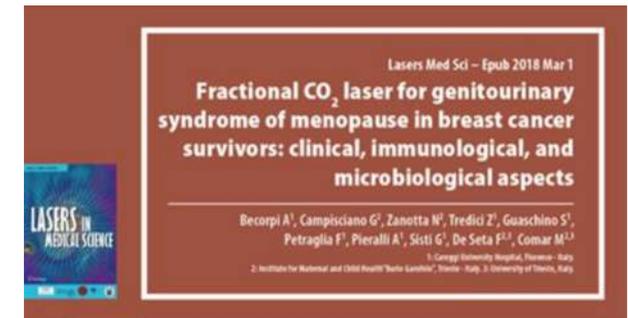
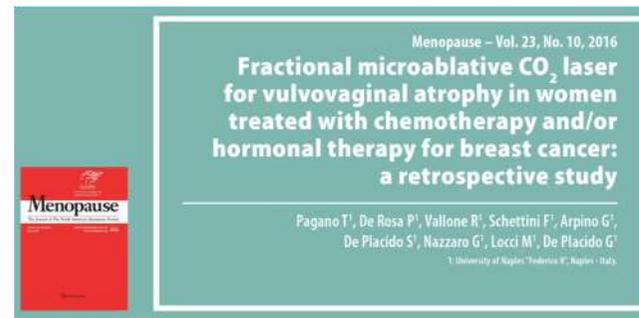
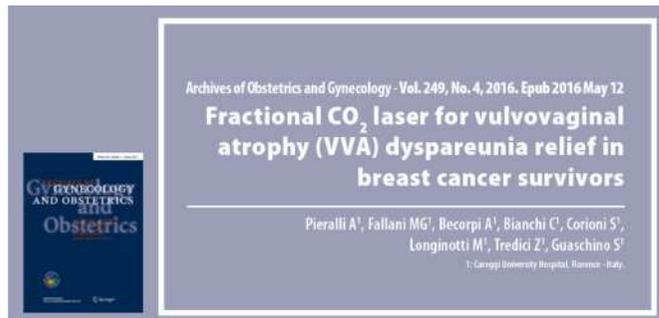
Open Access Maced J Med Sci - Epub 2018 Jan 19

Early regenerative modifications of human postmenopausal atrophic vaginal mucosa following fractional CO₂ laser treatment

Salvatore S¹, Franca K², Lotti T¹, Parma M¹, Palmieri S¹, Candiani M¹, D'Este E¹, Viglio S¹, Icaro Cornaglia A³, Farina A⁴, Riva F⁴, Calligaro A¹, Lotti J¹, Wollina U⁵, Tchernev G⁶, Zerbinati N¹

1: San Raffaele Hospital, Milan - Italy; 2: University of Miami School of Medicine, FL - USA; 3: University of Rome, Italy; 4: University of Pavia, Italy; 5: Städtisches Klinikum Dresden, Germany; 6: Medical Institute of Ministry of Interior Department of General, Vascular and Abdominal Surgery, Sofia - Bulgaria; 7: University of Insubria, Varese - Italy

Efficace per migliorare la sintomatologia nelle pazienti oncologiche



SOCIAL SECURITY INSTITUTE

NOVEMBER 2014

Use of the *MonaLisa Touch*[®] Treatment on Cancer Patients

Maurizio Filippini, M.D. - Miriam Farinelli, M.D.

Gynaecological Endoscopy Functional Unit of the Republic of San Marino State Hospital

Objectives: This pilot study aimed to assess the efficacy in treating atrophic vaginitis symptoms in those women who cannot receive local or systemic hormone-based therapies, since they have had a hormone-sensitive tumour.

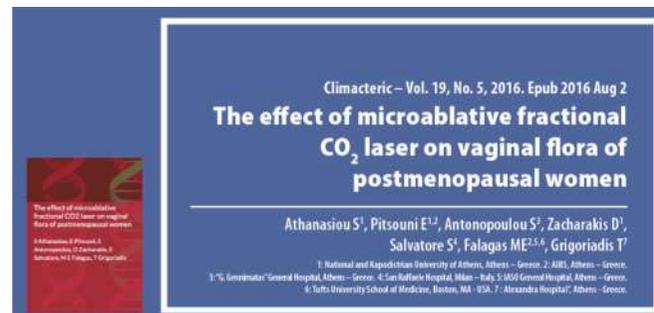
Materials and methods: 46 treatments with the *MonaLisa Touch*[®] were performed from 01/23/2013 to 10/31/2014 at the Republic of San Marino State Hospital involved patients with neoplasias. The intensity of atrophic vaginitis symptoms was recorded for each patient.

Results: About two months after the first treatment the percent reduction of the individual symptoms was very significant, not unlike that obtained from patients who received the treatment but without neoplastic pathologies. Furthermore, after the treatment, a significant improvement in quality of life was shown.

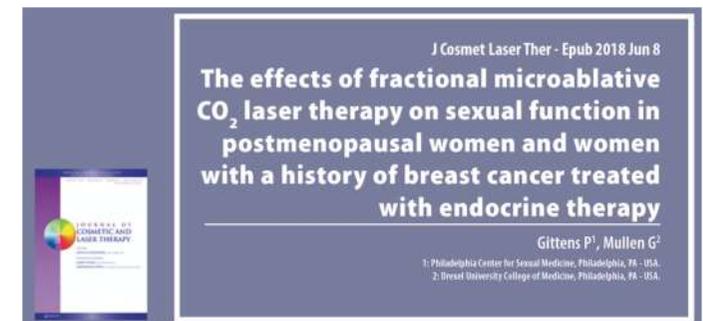
Conclusions: Considering the absence of complications and especially the absence of contraindications, the *MonaLisa Touch*[®] laser treatment is a valuable and irreplaceable aid for all patients who cannot and prefer not to receive hormone replacement therapy.

Key words: vaginal atrophy, oestrogen-sensitive tumour, induced menopause, laser

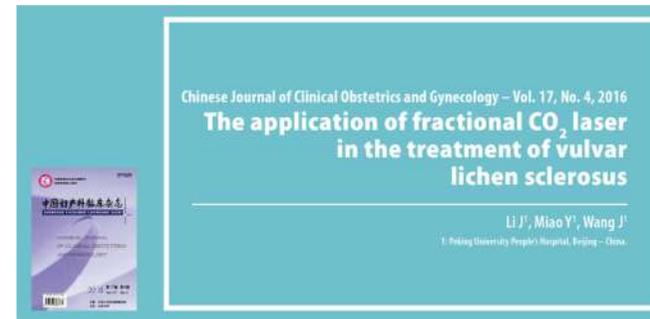
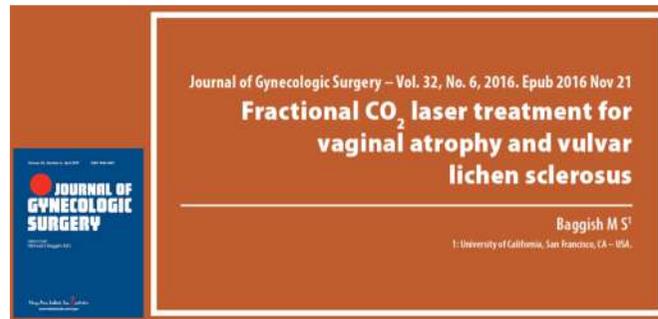
Efficace permigliorare il Ph vaginale



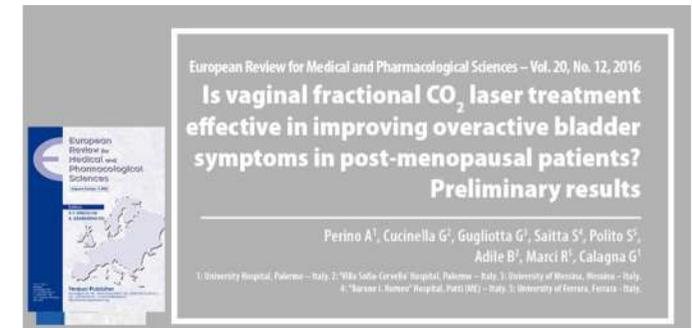
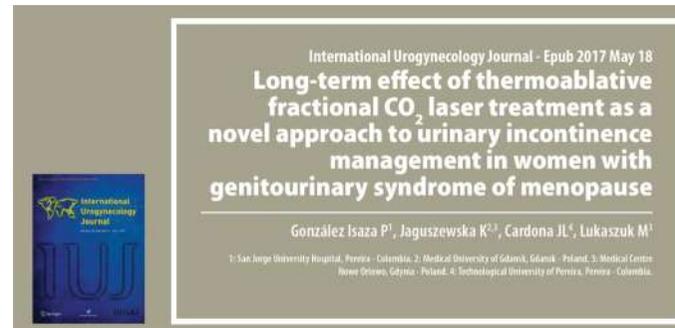
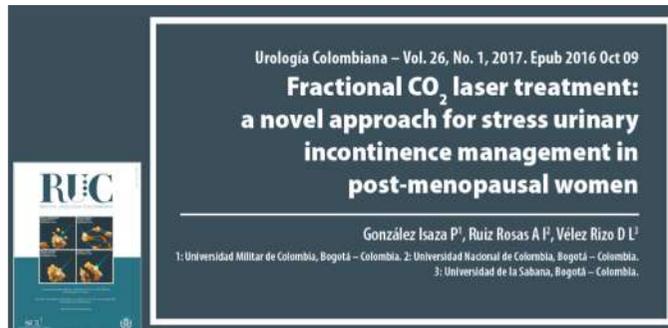
Efficace per migliorare la funzione sessuale



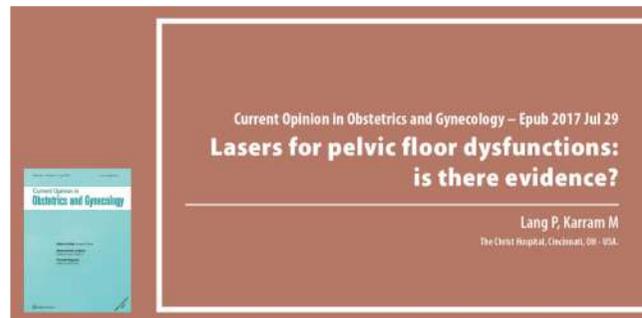
Efficace per migliorare i sintomi del lichen sclero-atrofico



Efficace per migliorare l'incontinenza urinaria (da stress ed urge)



Efficace per migliorare le disfunzioni del pavimento pelvico



Efficace per migliorare la dispareunia post-partum



SOCIAL SECURITY INSTITUTE

DECEMBER 2014

Use of the *MonaLisa Touch*® Treatment for Post-Partum Dyspareunia. A Pilot Study

Maurizio Filippini, M.D. - Miriam Farinelli, M.D.

Gynaecological Endoscopy Functional Unit of the Republic of San Marino State Hospital

Objectives: This pilot study aimed to assess the efficacy in treating perineal pain symptoms in women who had late post-partum dyspareunia.

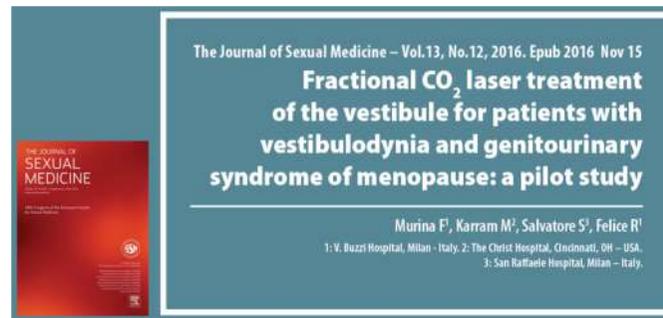
Materials and methods: The study involved six patients who had late post-partum dyspareunia. Over a time period from January 1, 2013 through August 31, 2014, patients were subjected to *MonaLisa Touch*® CO₂ laser treatment.

Results: Study results showed that two months after the treatment, out of a total of six patients, four treated for pain following episiorrhaphy or vaginal tear reported improvement in symptoms. The other two patients who underwent cesarian section, one has noticed a significative improvement while the other patient had modest pain reduction after two treatments.

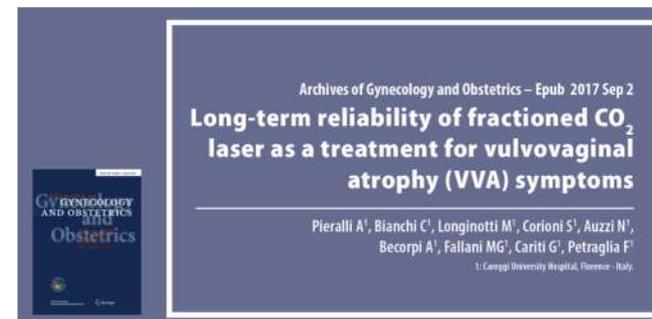
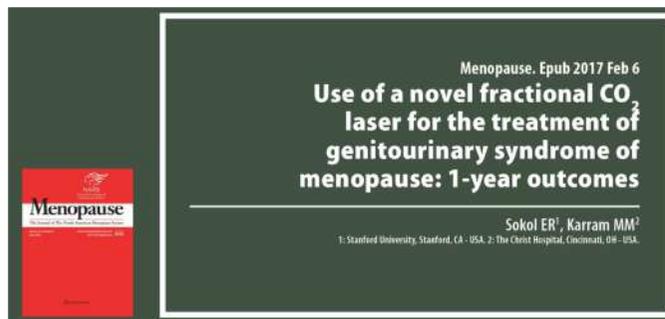
Conclusions: This pilot study has shown the effectiveness of the *MonaLisa Touch*® fractional CO₂ laser treatment in patients with post-partum perineal pain.

Key words: perineal trauma, CO₂ fractional laser, post-partum dyspareunia, episiotomy, perineal tear.

Efficace per migliorare i disturbi della vestibulo-vulvodinia



Efficace per migliorare i sintomi di cistiti ricorrenti



Studi sulla sicurezza della metodica



European Journal of Obstetrics Gynecology and Reproductive Biology
Vol. 213, 2017, Epub 2017 Apr 2

Safety and long-term efficacy of fractional CO₂ laser treatment in women suffering from genitourinary syndrome of menopause

Behnia-Willison F^{1,2}, Sarraf S¹, Miller J³, Mohamadi B⁴, Care A S^{5,6},
Lain A⁶, Willison N⁶, Behnia L¹, Salvatore S¹

1: FHW Gynaecology Plus - Australia, 2: Flinders University - Australia, 3: Virginia Women's Center - USA, 4: The University of Adelaide - Australia, 5: Robinson Research Institute - Australia, 6: Centre for Advanced Reproductive Embryology - Australia, 7: University of Milan - Italy, 8: San Raffaele Hospital - Italy



Maturitas - Epub 2017 Jul 21

CO₂-laser for the genitourinary syndrome of menopause. How many laser sessions?

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Menopause - Epub 2017 Jul 31

Randomized, double-blind, placebo-controlled clinical trial for evaluating the efficacy of fractional CO₂ laser compared with topical estriol in the treatment of vaginal atrophy in postmenopausal women

Cruz VL, Steiner ML, Pompei LM, Strufaldi R,
Fonseca FLA, Santiago LHS, Wajsfeld T, Fernandes CE

ABC School of Medicine, São Bernardo do Campo, São Paulo - Brazil



Lasers Med Sci - Epub 2017 Aug 2

Microablative fractional CO₂ laser for the genitourinary syndrome of menopause: power of 30 or 40 W?

Pitsouni E¹, Grigoriadis T¹, Falagas M^{1,2}, Tsiवेleka A³, Salvatore S¹, Athanasios S¹

1: Alexandra Hospital, National and Kapodistrian University of Athens, Greece, 2: Alfa Institute of Biomedical Sciences (IBS), Athens - Greece, Henry Dunant Hospital Center, Athens - Greece, 3: Tufts University School of Medicine, Boston, MA - USA, 4: San Raffaele Hospital, Milan - Italy



Lasers Surg Med. Epub 2017 Sep 7

Fractional CO₂ laser of the vagina for genitourinary syndrome of menopause: Is the out-of-pocket cost worth the outcome of treatment?

Lang P¹, Dell JR², Rosen L³, Weiss P⁴, Karram M⁴

1: The Christ Hospital, Cincinnati, OH - USA, 2: Institute for Female Pelvic Medicine, Knoxville, TN - USA, 3: Fairfax OB-GYN Associates, Gainesville, FL - USA, 4: Harkness Surgical Center, Beverly Hills, CA - USA