



## MONNALISA TOUCH

Vulvo-Vaginal Laser Reshaping (V2LR)

QUATTRI ANNI DI ESPERIENZA DELLO OSPEDALE DELLA REPUBBLICA DI SAN MARINO



## TRATTAMENTO CON LETTERATURA SCIENTIFICA VALIDATA ISTOLOGICAMENTE



same person 2 months after treatment. Note the lamina propria newly formed connective tissue with vessel-rich papillae, the thick stratified epithelium, and normally shedding superficial cells. (C) Normal vaginal mucosa of a fertile-age woman (reported for comparison).



## **MONNALISA TOUCH**

# " NON E' UN TRATTAMENTO ESTETICO MA FUNZIONALE »







Sconfiggere l'atrofia vaginale in maniera naturale

MonnaLisa Touch



# RISULTATI



#### NUMERO TRATTAMENTI ESEGUITI DAL 23.01.2013 AL 31.12.2016



**527** 



1135



MonnaLisa Touch

905



Dal 26.06.2013 anche INTROITO

1023

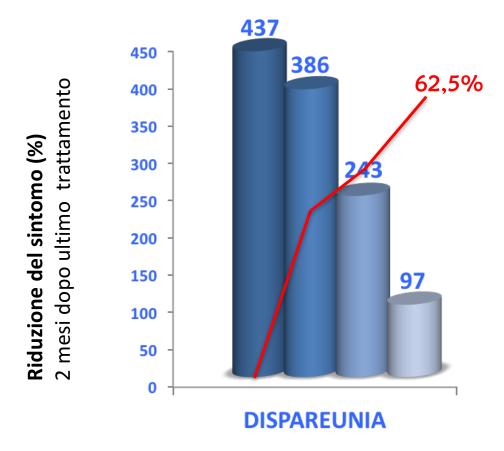








#### Ospedale di Stato della Repubblica di San Marino



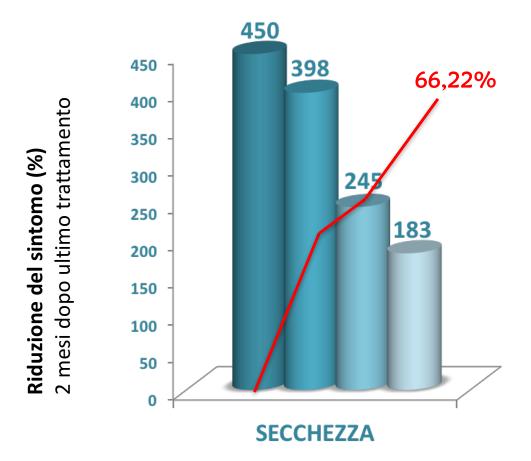


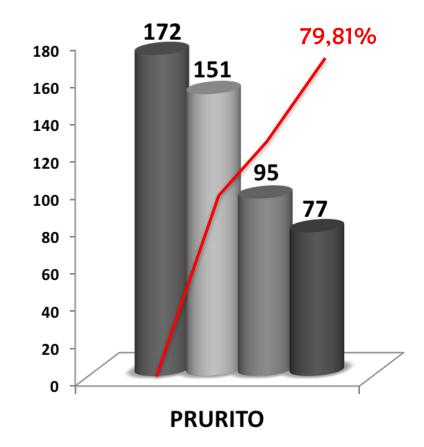






Ospedale di Stato della Repubblica di San Marino



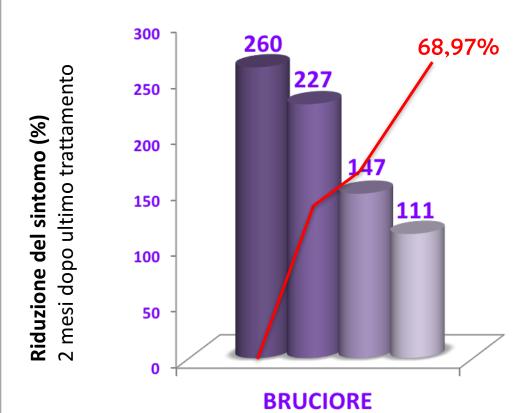


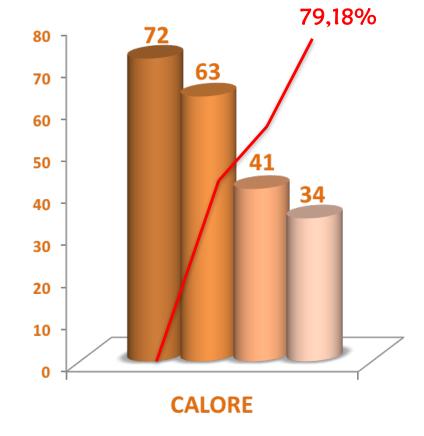






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# PATOLOGIA NEOPLASTICA





#### **TRATTAMENTI ESEGUITI DAL 06.03.2013 AL 31.12.2016**

**70** 



169



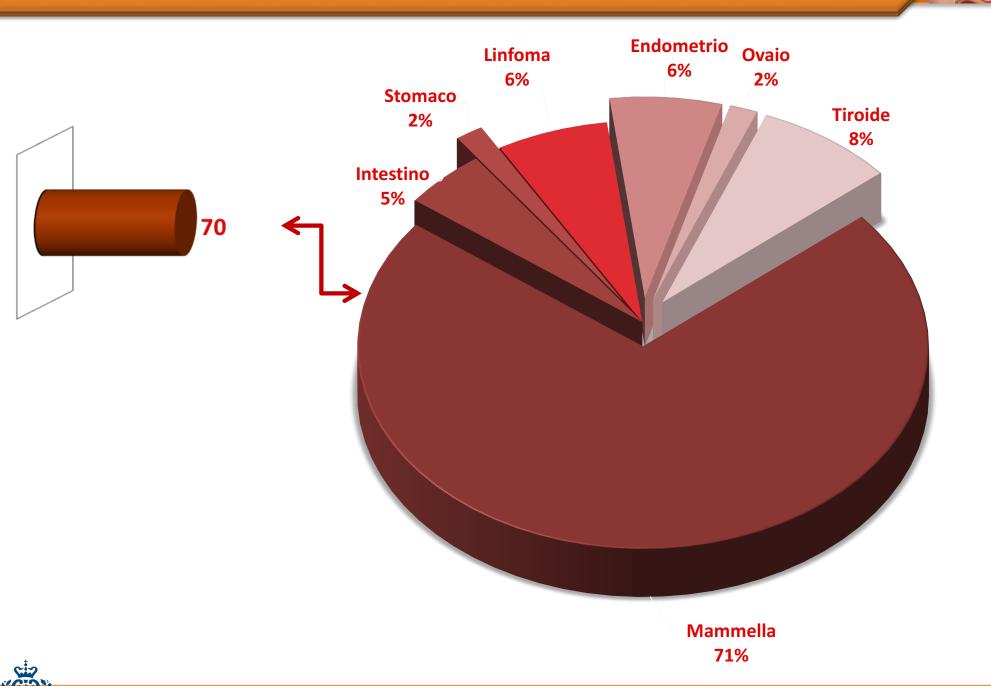
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114

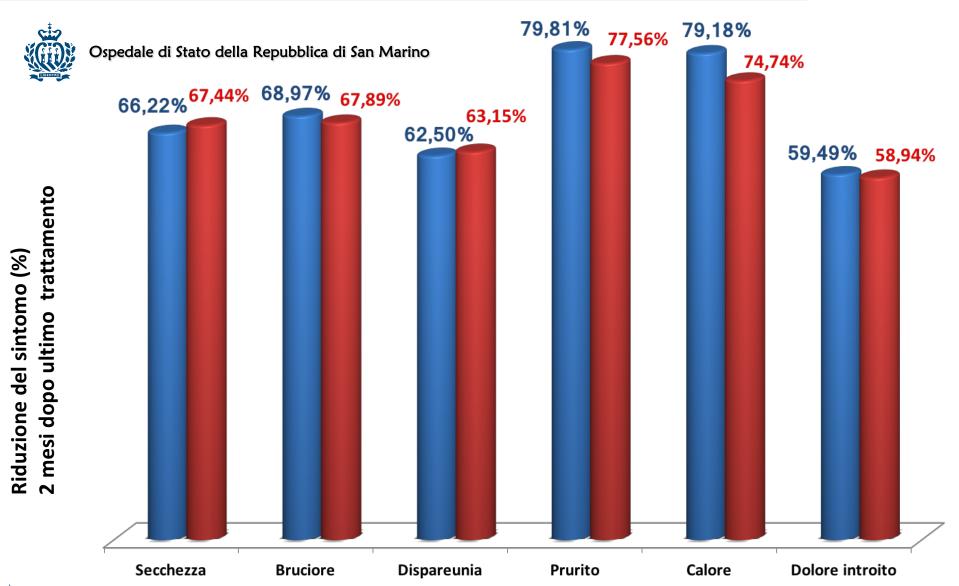




### PATOLOGIE NEOPLASTICHE ASSOCIATE









## Risultati del trattamento MonnaLisa Touch nell'esperienza dell'Ospedale della Repubblica di San Marino





**NOVEMBER 2014** 

#### Use of the MonaLisa Touch® Treatment on Cancer Patients

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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

#### INTRODUCTION

Vaginal atrophy, also called atrophic vaginitis, affects many women throughout the world, occurring almost always after menopause, but also in all cases where there is a lack of oestrogen, such as after childbirth, during the breastfeeding stage when ovulation is blocked or after an oestrogen-sensitive tumour (such as in the breasts, endometrium or the ovaries) where a chemotherapeutic or surgical "castration" of the menstrual cycle occurs. In these cases the use of hormone replacement therapies, even local or at low dosage, are therefore absolutely contraindicated1.

The symptoms related to vaginal atrophy normally begin to appear between the ages of 45 and 55. Unlike other symptoms of menopause, such as the hot flashes which often decrease over time, these usually continue and can worsen as time progresses.

This condition can cause dryness, irritation, burning or pain during sexual intercourse, affecting up to 40% of postmenopausal women<sup>1,2</sup>.

Until now, treatment for this condition involved the prescribing of vaginal oestrogens in the form of tablets, ovules or creams to insert into the vaginal canal using an applicator, infiltrations with substances treatments involved patients with neoplasias (36

that have a stimulating or revitalizing action such as natural hyaluronic acid.

Borrowing from dermatological treatment for collagen stimulation which has been done for many years using CO, fractional laser scanning systems, scientific research has come up with a very effective therapeutic solution to improve the symptoms of vulvo-vaginal atrophy3-6.

This new therapeutic opportunity is an excellent chance for all women who suffer from these disorders, especially women who do not want to take hormones for personal or psychological reasons, believing that they are the cause of the pathology.

The importance of this treatment is all the more reason to be considered for those women who cannot receive local or systemic hormone-based therapies, since they have had a hormone-sensitive tumour<sup>78</sup>.

#### MATERIALS AND METHODS

359 treatments with the MonaLisa Touch® using the CO., laser system SmartXide2 (DEKA - Florence, Italy) were performed from 01/23/2013 to 10/31/2014 at the Republic of San Marino State Hospital; 46 of these

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