



The Code of Excellence



**Report on the Results of the MonaLisa Touch™
Treatments Performed in San Marino State Hospital**





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The innovative laser technology, which reduces the problems associated with the menopause, has improved the quality of life of patients by reducing pain during sexual intercourse in 88% of the cases.

This has been indicated in the clinical results obtained from the first 120 cases treated by the Complex Operative Unit of Obstetrics and Gynaecology of the Hospital of the Republic of San Marino with the innovative laser treatment **MonaLisa Touch™**, developed by DEKA, a leader in the design and production of lasers and light systems for applications in the medical field.

The data were presented at the "New laser technology for the gynaecologist" medical conference organised by DEKA at the San Giuseppe Hotel in the Republic of San Marino.

The Complex Operative Unit of Obstetrics and Gynaecology at the Hospital of the Republic of San Marino has performed **MonaLisa Touch™** laser treatments since the end of January 2013.

Only one laser application was proposed to all patients, subject to evaluation during the follow-up visit with a repetition being possibly needed in case of persistence or poor response to the initial symptom.

All patients underwent a short period of abstinence from sexual intercourse, avoided baths, exercise and applied a moisturising gel in the evening for 15-20 days into the vagina and on the vulva or opening in the case of simultaneous treatment.

The age of the patients being treated was:

- 62% of the cases aged between 51 and 60,
- 18% aged between 61 and 70,
- 10% aged between 46 and 50,
- 9% of the cases the patients were younger than 45 years old,
- 3% were older than 70.

84% of the women treated were in physiological menopause or induced by chemotherapy.

Among the 120 patients treated, 18 of them (15%) had symptoms of induced menopause having performed chemo and/or radiotherapy for the treatment of a tumour (78% of which was breast cancer).

None of the treated patients had positive cytology vulvo-vaginal, while 31% of the cases (37 patients), prior to treatment, required local therapy with antibiotics for vaginal swab positivity.

43% of the patients did not show any symptom during vaginal laser treatment, while 57%, when both the opening and the vulvar mucosa required treatment, minor ailments were felt ranging from aches and pain when the laser device was moved to heat and burning at the opening and the vulvar area; however, all symptoms were mild and did not interrupt the procedure.

Almost all the women claimed to have had an improvement in vaginal dryness. Only 5 patients confirmed to have the same symptoms as those as before the treatment, going to show that the treatment has significantly solved the problem in most cases.

About two months after the operation, during the follow-up visit, all patients were asked the degree of satisfaction of the treatment and its outcome.

Only 12% of the women interviewed was not entirely satisfied, or expected much more, while 88% of the patients said to be happy and have had improvements.

Particularly

- 25.2% stated that it was quite or very satisfied,
- 18.3% completely satisfied,
- 47.9% moderately or fairly satisfied,
- 10.4% just nothing, a little or just about satisfied.

Therefore, in general, the percentage reduction of the symptomatology, two months after a single application of the laser method, was

- 59.33% with regards to burning,
- 51.94% with regards to dryness,
- 48.16% with regards to dyspareunia,
- 52.10% with regards to itching,
- 86.15% with regards to heat,
- 68.31% with regards to vaginal pain,
- 51.85% with regards to vulvar pain.

Many positive, if not enthusiastic, comments were made by patients after the treatment.

Some of the most significant:

- "I cannot believe I am okay.."
- "I am very happy; I did not believe I would improve so much.."
- "Very satisfied; I no longer use lubricants.."
- "Very happy; I feel absolutely normal, just like before.."
- "I will highly recommend you; I am very pleased.."
- "One thing that surprised me is that even the desire improved.."
- "I did not think such a miracle existed; I would definitely do it again.."
- "You are given another chance; a vagina that is much more wet; I've returned as before."

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