



LASERS

USE OF A NANOFRACTIONAL RF FOR THE TREATMENT OF SKIN AGING (LAXITY AND ELASTOSIS) AND ACNE SCARS

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INTRODUCTION: This new nanofractional radiofrequency is a modern evolution for the treatment of skin diseases such as acne scarring, skin aging (elastosis, sun damage, etc.). Patient's request is increasingly oriented towards effective treatments that are not invasive and do not impact social life in the following days.

The aim of this study is to evaluate the results that can be obtained using a new nanofractional radiofrequency in the treatment of these pathologies .

MATERIALS AND METHODS: For this study, 10 patients (9 women and 1 man) with various pathologies (acne scars outcomes with different degrees of severity, aging with sun damage, skin laxity) were selected. After application of topical anesthetic cream in occlusion, 2-3 treatments was performed using a nanofractional radiofrequency with a 160 pins energy emitter. At a variable power from 230 to 280 volts, pulse duration between 15-30 msec. control photographs of the treated areas were performed 30-60-90 days after treatment.

RESULTS: All patients noted a substantial improvement of the treated districts. This improvement was confirmed by photographic documentation. The result already visible at 30 days was confirmed by photographic documentation at 2 and 4 months. No side effects or complications were observed under any circumstances. A mild to moderate redness was observed in all patients lasting 12 to 24 hours.

CONCLUSIONS: The nanofractional radiofrequency is proving within this clinical observation a valid method for the improvement of acne scarring and skin aging pathologies of face and neck. The ablative capacity of the technology object of this study is effective and well tolerated. The lack of side effects and the good post-operative course confirm the technology in question as a further aid for the improvement of acne scars and aging skin.

