

FRAC3[®] with Temperature Control: 3 Years of Experience

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SUMMARY

Recently, a novel FRAC3[®] non-ablative fractional laser method for skin rejuvenation has been shown to improve atrophic scarring, texture, wrinkles and post-inflammatory hyper-pigmentation in patients [1-4]. It was previously shown that the Nd:YAG laser used in FRAC3[®] treatment stimulates new collagen synthesis [5]. However, because of its non-invasiveness FRAC3[®] does not lead to results as dramatic as, for example, full-face 2940 nm Er:YAG laser resurfacing.

We present 3 years of experience using FRAC3[®] for skin rejuvenation. We treated 32 body regions of 26 patients (12 neck, 7 abdomen, 9 face and 4 periocular).

On the basis of our experience we can conclude that the FRAC3[®] treatment has established itself as an effective, non-ablative rejuvenation method with minimal downtime. The achieved positive results last for at least 1 year, after which further treatments are necessary. For sun-tanned skin, thin skin and elderly patients, more follow-ups are needed. Additionally the

hormonal status of the patient should be examined before use of FRAC3[®] for skin rejuvenation.

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Fig. 1: Result of skin rejuvenation treatment with FRAC3[®].



Fig. 2: Result of FRAC3[®]treatment on the cheek.

