

## Laser Blepharoplasty

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### SUMMARY

Between 2013 and 2017, we performed 95 procedures for blepharoplasty using an Nd:YAG laser with a wavelength of 1064 nm (SP Dynamis, Fotona, Slovenia). The parameters used in the procedures were: power 4-8 W, pulse width 300  $\mu$ s, frequency 30-50 Hz. All operations were performed under local anesthesia. The lower blepharoplasty was performed trans-conjunctivally with the addition of ablating the lower eyelid with Er:YAG laser (with a wavelength of 2940 nm) using a 3mm spot at a power of 4.6 J / cm<sup>2</sup>. The incisions in the skin and conjunctiva as well as the removal of bags were carried out using Nd:YAG according to the standard procedure. We noted a decrease in edema, an almost complete absence of hematomas, a lack of pain experienced by the patients in the postoperative period, and a general reduction in the duration of postoperative healing. In the lower eyelid, good aesthetic results were achieved with simultaneous ablation - the absence of fine wrinkles and a deep, significant reduction of the skin flap.

## AFR Er:YAG with PRP for Stretch Marks – a Comparison of Three Different Methods of PRP Administration

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### SUMMARY

Both ablative fractional (AFR) erbium laser and platelet rich plasma (PRP) have been used to treat a very common condition – striae (stretch marks) – with varying degrees of success.

We performed a randomized single-blinded, split-body trial with 18 subjects using the Fotona SP Dynamis Pro in combination with three different methods of PRP administration: topical, intradermal and subcutaneous. Photographs and questionnaires were used to compare the various modality results after 3 months. Results of the trial will be presented.

## Non-Surgical Periorbital Rejuvenation – a Holistic Approach

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### SUMMARY

The eyes and periorbital region are probably the most important aesthetic elements in the human body. A typical patient that seeks periorbital rejuvenation will most likely present with more than one problem such as skin loosening, dark eye circles, tear trough, appearance of eye bags, eyelid puffiness and droopy eyebrow.

A holistic approach for non-surgical periorbital rejuvenation should be structure-targeted. This means that “One Treatment is Never Enough”. The author would like to discuss the full use and combined use of treatment modalities available in the Fotona SP Dynamis system as a holistic approach in achieving total periorbital rejuvenation.

For skin loosening and droopy eyebrow, collagen denaturation and remodeling can be achieved with a combination of Frac3 and Fotona SMOOTH® mode, which are delivered transcutaneously.

For visible and palpable eyelid and infraorbital fat pad, the approach should be based on heat-induced adipocyte apoptosis with PIANO mode. The additional infraorbital mucosal SmoothEye protocol has seen a promising and synergistic improvement.

In conclusion, SP Dynamis offers comprehensive periorbital rejuvenation in a single high-tech console.

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