

Facial Rejuvenation using the Combination of Various SP Dynamis Modalities

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Combination techniques in aesthetic medicine are very common nowadays and most practitioners use the patient's visit to maximize treatment effects while keeping trauma and downtime at some reasonable level – always previously agreed upon with the patient.

In our clinic we use combined treatment techniques utilizing several of the modalities of each wavelength (Nd:YAG 1064 nm and Er:YAG 2940 nm) available in the SP Dynamis laser system. The treatment protocol is individually designed for each patient, depending on their skin condition and downtime acceptability criteria. Our protocols range from non-ablative mild ones using Frac3, Versa and SMOOTH Er:YAG, through minimally invasive ones with slight peel like the Fotona 4D protocol, to full facial resurfacing using ablative Er:YAG in full and fractional regimes.

In this talk we shall present multiple cases in which the above-mentioned combination treatments were used.

Use of StarWalker MaQX for Treatment of Resistant PWS: Case Presentation

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Capillary malformations such as port wine stains (PWS) are very common aesthetic complaints among patients in dermatology clinics. Although there are no drugs or recommended approaches to removing them permanently, laser treatment, especially PDL, is the most effective in such cases. Unfortunately, sometimes we can't achieve good aesthetic result even after dozens of treatments with vascular lasers. So we call it resistant PWS.

In our clinic we have various vascular lasers (1064 nm, 577 nm, IPL) to solve this problem, but it is still tricky to achieve good results because of the high risk of PIH, burns and scars.

At the same time, the QS laser is described to be the best choice for treatment of superficial vascular stains and melasma. For this reason we decided to try it with three patients with resistant PWS with different parameters. An especially interesting result in my opinion occurred during use of the gentle preset treatment program, which is usually used for Green Toning procedures. Pictures of the achieved results will be presented.

Mapping of Fotona4D®

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FOTONA 4D® is a 4-step procedure (based on 4 different laser irradiation modalities) that is done with several handpieces, which requires varying the parameters on the screen to deliver the proper energy. This can be very confusing for new users. Also, we have not standardized the number of passes, the number of shots or the energy to be deposit in each step. Since I started working with the protocol, I did step-by-step, pulse-by-pulse, pass-by-pass treatment planning with regular handpieces (basic on all systems). Now with the latest upgrade of software and the new "black screen" display, we can observe these settings and steps in real time during the execution of the procedure.

In this presentation I'll show how we can use and take advantage of this new screen with different handpieces for every step (R11, PS03, PS03X with or without LA adapter). I'll also show how Frac3 with R33 with 4 mm, 9 mm and S11, Piano with R33 9 mm, R34 15 and 20 mm, and L-Runner could be used. I'll show my approach to Superficial with PS03 / PS03X, R11, FS01, or F-Runner.

For those who have the T-Runner, 5D can incorporate 2 additional steps of passes for superficial and deep skin tightening with V-Smooth. Step by step instructions with counters will be shown in videos as well as in the pictures of screen shots, with parameters for different handpieces. The results of my approach to 4D using the new L-Runner and T-Runner scanners will be presented with before and after pictures of 5 patients.

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