

Multi-Modality Fotona4D Delivers Dramatic Results Virtually Painfree with No Downtime

The Fotona4D™ from Fotona (based in the U.S. and Europe) is a boon for facial aesthetics. It has the proprietary characteristics and expanded capabilities of both Nd:YAG and Er:YAG systems, and it offers four facets, including a novel intraoral laser treatment. The remarkably powerful and versatile SP Dynamis platform has unmatched parameter modulations and enables the dramatic, real results achieved with Fotona4D.

The 4D refers to four distinct SP Dynamis modes of treatment: Fotona Smooth™, FRAC3®™, Piano®, and SupErb™, all employed in concert for aesthetic use to combat facial aging. The most exciting of these is the intraoral non-ablative Smooth Liftin™. This was originally designed to treat the oral mucosa for dental applications, but researchers noticed a plumping effect to the nasolabial folds from the inside, much like a filler. The Fotona Smooth™ pulses of the Er:YAG laser deeply dissipate heat through all the tissues under the intraoral mucosa without creating ablation. The created thermal shock activates proteins that result in the generation of new collagen and lead to skin tightening in the target region.

Dr. Masters is honored to have worked with Adrián Gaspar, M.D., owner and director of Prima Piel Clinic in Mendoza, Argentina, and Smooth Liftin™ pioneer. Dr. Gaspar explains that the procedure is typically painless, not requiring anesthesia, and can be done without any downtime. Moreover, it can be performed year round, including the summer months, without the risk of adverse events such as post-procedural hyperpigmentation.

Other modes of the SP Dynamis system offer their own dimension to the global picture. The Nd:YAG in FRAC3® mode harnesses a unique high peak pulse power structure that creates a three-dimensional fractional effect. Piano® mode, an ultra-long pulse, is carefully modulated for deep bulk heating with the Nd:YAG. This method allows the physician to raise the temperature of tissue safely, yet more rapidly than with other technology, to achieve therapeutic energy delivery with only a few passes. Finally, SupErb™ uses Er:YAG in a more traditional, superficial resurfacing approach.

Together, these four unique laser modalities provide a full-thickness penetration laser treatment that can really impress. The physician can treat superficially, as well as down to the dermis, provide volumetric bulk heating, and then plump from the inside at just the right location for a synergistic effect. Great results are seen in one session, although as with other therapies, additional sessions enhance improvement.

The natural evolution in the history of medicine has been toward more precise and less invasive treatments. Combining the three Fotona application modes of the SP Dynamis with the fourth, intraoral SmoothLiftin™ mode gives the physician a new and powerful non-invasive therapy. With Fotona4D, patients now have a multidimensional choice of safe and effective treatment options for their aesthetic needs.