

Sciton Combines MicroLaserPeel and ProFractional-XC for Significant Results

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Flexibility and impressive results are two hallmarks of combined treatment with the MicroLaserPeel (MLP) and the Tunable Resurfacing Laser (TRL)-based ProFractional-XC from Sciton, Inc. (Palo Alto, California, U.S.). Both of these technologies are modules of the company’s JOULE Laser Platform.

“I can adapt these two modalities to different skin types very nicely, as well as to various subjective demands,” said Ludger Meyer, M.D., Ph.D., a plastic surgeon in private practice in Munich, Germany. Additionally, “when you tune the two systems adequately according to your patients’ expectations and react in a technical mode, to skin type and pre-existing skin damage, you achieve fabulous results.”

Since the MLP removes the stratum corneum and the ProFractional-XC creates micro-ablated channels deep in the dermal tissue, “they basically replace – by 70% to 80% – a surgical facial tightening procedure,” Dr. Meyer said. “Patients are very excited about this non-surgical solution.”

For facial tightening, Dr. Meyer favors a single, aggressive treatment session, which requires about one week of downtime. “My patients tend to prefer this one-step procedure, as opposed to staggering treatment over three or four sessions.” Dr. Meyer starts with the MLP, followed by the ProFractional-XC. A full-face takes about 90 minutes, whereas a more extended procedure encompassing the neck, décolleté and the backs of the hands can take up to 2.5 hours.

Dr. Meyer has also had success using the combination therapy to treat benign skin malformations (such as superficial benign tumors), dyspigmentation and classic golfer’s hands, in a single session. “Depending on patient preference, we can deliver anything from a superficial treatment to a full scale laser face-lift with impressive results,” Dr. Meyer noted.

For full-face or extended areas, patients receive mild sedation by an anesthesiologist. Coagulation is also an option with the combination therapy.

René Rüdlinger, M.D., founder and owner of Causa Dermis in Zurich, Switzerland, mostly uses the ProFractional-XC to treat acne and other atrophic scars, and to ablate benign tumors with the continuous pulse setting. “Typically, we recommend four treatments at monthly intervals,” said Dr. Rüdlinger. “We then wait six months, at which time we schedule an additional four sessions.” After the first series of treatments, “patients can expect a 50% to 70% reduction of their scar indentation. Normally, patient satisfaction is higher than the results presented in photo documentation.”

The two most popular indications Dr. Rüdlinger treats with the ProFractional-XC are benign nevi and seborrheic keratoses. However, the first patient he treated was a male, approximately 40 years old, who presented with atrophic scars on his forehead. The scars were caused by an infection after being injected with facial dermal fillers in Thailand. “He had a really nasty scar,” Dr. Rüdlinger recalled. After four treatments at monthly intervals, followed by four additional treatments six months later, “I attained an amazing result. I would never have believed it.”

Dr. Rüdlinger was also one of the first European physicians to acquire the Sciton laser nearly ten years ago. “It is the only piece of equipment that I rarely need to call a technician about,” he said. “The quality of the system is excellent. If you are a small office that does one procedure after another, the Sciton laser is great because you can easily tune the laser to the indication you want to treat.”