

ETHEREA's 1340 ProDeep LASER

Presents Effective Scar Management



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Before Tx



After 1340 ProDeep Tx

Photos courtesy of INDUSTRA

By Ilya Petrou, M.D., Contributing Editor

As a global leader among laser and light-based technologies, the ETHEREA® platform from INDUSTRA® Technologies (São Carlos, São Paulo, Brazil) is widely considered the answer to a plethora of cosmetic indications including skin rejuvenation, hair removal, fractional skin resurfacing, photothermolysis, pigmented lesions, cutaneous vascular lesions of all depths, acne treatment and skin tightening. Equipped with five handpieces serving these varying indications, the 1340 ProDeep® handpiece is also proving to be a very safe and effective option for the treatment and management of scars.

Based on the time-tested, fractional, non-ablative Nd:YAP laser, the 1340 ProDeep handpiece has not only demonstrated great utility in the treatment of wrinkles and striae, but also improves the cosmesis of atrophic, surgical and acne scar lesions.

Carlos Roberto Antonio, M.D., a dermatologic surgeon in São José do Rio Preto, São Paulo, Brazil, has been using the 1340 ProDeep for about three years, almost ever since it was first launched by INDUSTRA. In his experience, "the handpiece is very effective not only in treatment of striae, but also in management of scars and has become my go-to laser for this indication. Indeed, I've never experienced a technology as efficacious as this one," he shared.

With a maximum power of up to 220 mJ/microscopic treatment zone (MTZ), the 1340 ProDeep laser emits a high dose of energy in fractional beams, which generate a higher intradermal heat that reaches the deeper subdermal layers of the skin, stimulating more profound collagen remodeling and subsequent neocollagenesis in the treated area. According to Dr. Antonio, this approach accelerates the recovery process, resulting in minimal to no downtime and improved treatment outcomes. Offering 3, 5 and 10 ms pulse sequences, in addition to fractional lenses of 100 and 400 MTZ, the 1340 ProDeep handpiece

provides a variety of treatment intensities, which Dr. Antonio feels is crucial for superior scar management.

"When working in deeper layers of the skin, one can achieve much more collagen tightening from laser energy due to the more effective penetration into the targeted tissue. In my opinion, the 1340 ProDeep handpiece technology provides a wide-range of treatment possibilities that achieve much better results compared to other similar devices on the market, which do not have the same reach or depth of action," Dr. Antonio stated. "I've already tried different technologies offered by many other devices, and I can tell you that 1340 ProDeep achieves the best results in scar management."

In contrast to other non-ablative laser devices currently available on the market, Dr. Antonio believes that the 1340 ProDeep handpiece can achieve faster cosmetic outcomes with a very high level of patient satisfaction. "It's a fact that the earlier treatment starts, the better the results that will be achieved," he said. By using more aggressive settings, the mean downtime following a scar treatment may range from two to three days max, during which patients experience a mild and transient erythema in the targeted area. Prior to the procedure, Dr. Antonio applies both topical anesthesia and cold-air cooling to enable the use of higher settings and help to ensure a high patient tolerability, improving treatment outcomes and the therapeutic response. When associating isotretinoin to the treatment sessions, patient satisfaction reaches about 95%.

"ETHEREA and the 1340 ProDeep handpiece offer me a unique treatment option that can substitute most office-performed surgeries due to its high efficacy in scar management," Dr. Antonio pointed out. "This technology is capable of achieving truly remarkable cosmetic results, and I would highly recommend it to my colleagues."