

Etherea's Expandable Platform Incorporates New Technology

By Ilya Petrou, M.D., Contributing Editor



Nuno Osório, M.D.
Dermatologist
São Paulo, Brazil



Before Tx



After Etherea 2940 DualMode Tx

As an expandable platform, Etherea from INDUSTRA (São Carlos, São Paulo, Brazil) easily incorporates new laser and light technologies, allowing aesthetic physicians to safely and effectively perform a plethora of treatments from one device. This intelligently engineered system achieves significant results for some of the most common indications in aesthetic medicine today, including hair removal, skin rejuvenation, fractional ablative and non-ablative skin resurfacing and treatment of acne, pigmented lesions, vascular lesions, facial and leg veins, as well as skin laxity.

Currently equipped with five laser and light handpieces, including the IPL-Sq: the latest generation of intense pulsed light (IPL) technology, the intenselR: high-powered infrared (IR) light, the 1064 LongPulse: long-pulsed Nd:YAG laser, the 1340 ProDeep: fractional Nd:YAP laser and the 2940 DualMode: fractional Er:YAG laser, Etherea can be expanded even further to better facilitate many of the treatments performed in an aesthetic practice – safely, effectively and economically.

For Nuno Osório, M.D., a dermatologist in São Paulo, Brazil, the state-of-the-art 2940 DualMode fractional Er:YAG laser is one of Etherea's stellar features, representing a new age in modern fractional ablative resurfacing. "DualMode technology for fractional Er:YAG laser skin resurfacing is extremely reliable and provides fully controlled ablation and coagulation levels in tissues, allowing me to use it in non-facial areas including the neck, chest and arms," he said. "This allows much more versatility to patients and practitioners."

This innovative DualMode technology combines both hot and cold erbium fractional ablation and coagulation, increasing residual thermal damage in the tissue while

directly stimulating neocollagenesis. This results in fewer complications and adverse effects, improved safety, shorter downtimes, as well as less pain to patients.

Dr. Osório often uses this technology in patients who demand and/or require more profound results. "Though treatments are more aggressive, the adverse effects and complications remain low, especially when compared to other fractional ablative systems currently available."

The treatment protocols and suggested guidelines used with the DualMode depend on treatment goals. According to Dr. Osório, cosmetic outcomes can be improved with the addition of Etherea's other technologies such as the 1340 ProDeep laser handpiece, MultiWaves, or light-emitting diode (LED) therapy recovery in maintenance treatments.

Etherea's 2940 DualMode handpiece offers three treatment modalities, namely an ablative pulse (with a pulse width from 300 μ s – 500 μ s), a coagulative pulse (with a pulse width greater than 1 ms), and the DualMode (with both ablative and coagulative pulses – first and second pulse, respectively). "A combination of pulses can achieve more aggressive cosmetic effects than any of the single pulse modes, which may prove to be very useful in patients requiring more skin rejuvenation work," Dr. Osório said.

In Dr. Osório's experience DualMode technology offers a perfect synergy between fluence, pulse width and frequency, highlighting the unique versatility that the Etherea platform brings to the market. "The 2940 DualMode handpiece alone has significantly increased the turnover in my daily practice and patient satisfaction. In my experience, Etherea's platform can address the most sought after cosmetic procedures, even in my most demanding patients."