FRAXIS DUO: THE FIRST MULTI-PHASE CO₂ LASER WITH MICRONEEDLING

Fraxis Duo by Iloida, distributed in Australia by Cryomed, is the latest technology to hit the aesthetic marketplace and has been garnering significant interest. It combines Fraxis, a high power CO₂ laser with the Secret RF microneedle fractional RF system to create the first of its kind combination therapy. It delivers effective results in treating scars, photoaging and striae distensae on the face and body.

Combining two techniques optimises results for certain indications that require both superficial and deeper heating coagulation. The CO₂ laser enables intense superficial heating stimulation while the microneedle fractional RF provides higher volumetric heating and deeper heat diffusion, delivering superior results for single or combination treatments for a wide range of medical and cosmetic indications, including acne scars, wrinkles, pigmentation and skin laxity.

Fraxis Duo is cost-effective and versatile, with measurable results patients can see. Treatment is versatile – ranging from scars to wrinkles to full resurfacing – without the need to purchase additional equipment and expensive consumables. It’s also easy to use and intuitive. A 10.4” colour touchscreen with a user-friendly interface is designed to complement the intelligently designed arm which minimises fatigue and allows ease of use in both the Fraxis and Secret RF modalities.

THE SECRET RF MICRONEEDLE FRACTIONAL RF SYSTEM OFFERS AN INNOVATIVE SOLUTION FOR AXILLARY HYPERHIDROSIS. WORDS BY AMÉE SURTENICH.

The Secret RF machine by Cryomed, distributed in Australia by Cryomed, uses minimally invasive micro-needles to deliver controlled RF energy directly into various depths of the skin (from 0.5mm up to 3.5mm). It has had outstanding success for all skin types with very low risk of side effects and PIH – a key difference when compared with optical based treatments (IPL and laser).

Melbourne dermatologist Dr Michael Rich has three Cryomed devices, one of which is the Secret RF. “The Secret RF uses fractional radiofrequency, which means the microneedles leave 360 degrees of tissue without any risk of energy interference caused by overlapping of RF energy in the close distance.”

The Secret RF Microneedle Fractional RF system is indicated for various conditions including hyperpigmentation, deep and fine wrinkles, skin laxity and overall skin rejuvenation. “The Secret RF is fantastic for skin tightening, improvement of texture and reduction of scarring – and this all comes with just a few days of downtime (one to two in some cases) which patients obviously prefer,” says Dr Rich.

Yet another indication of the microneedling system is hyperhidrosis, with the Secret RF being hailed as an innovative method for the treatment of this often debilitating condition.

A new way to treat axillary hyperhidrosis

Hyperhidrosis can significantly impact the sufferer’s quality of life. Perspiration is generally four to five times that of normal sweat product, which impacts on the patient’s everyday life.

Currently the main non-surgical treatment options are aluminium chloride-based antiperspirant deodorants and botulinum toxin injections. The former is temporary and the latter is effective yet costly for a temporary solution. Surgical treatment options include axillary curettage, skin excisions and sympathectomy, which can all demand significant downtime.

“The treatment is painless under local anaesthesia and post-treatment side effects are minor and transient. Despite a marked improvement in axillary hyperhidrosis after two treatments, most of the patients were keen for further improvement, so a third or fourth treatment can certainly be considered.”

Dr Juni Kirsten, dermatologist at the Clinic for Aesthetic Operative Dermatology and Anti-Aging Medicine in Berlin, Germany, has also experienced effective results using the Secret RF for the treatment of hyperhidrosis.

His requirements for successful treatment had to meet:
- Outpatient treatment by local anaesthesia
- High result at time of treatment in reduced number of sweat glands
- Short recovery time
- Long-term efficacy
- Economic efficiency and profitability.

“Chemical sympathectomy, which usually involves the use of 2% Methylcholanthrene, is often not effective,” Dr Kirsten notes. “This new therapy for the treatment of axillary hyperhidrosis, using Secret RF, allows for an innovative treatment method.”

The Secret RF provides a very effective alternative compared with sweat gland suction curettage, as well as the traditional botulinum toxin treatment,” Dr Kirsten concludes. AMP