



PRODUCTS &

LaseMD

THE NEXT GENERATION SKINCARE SOLUTION

CREATE A NEW STANDARD IN SKIN REJUVENATION AND PIGMENTATION CONTROL WITH LASEMD – THE LEADING EDGE COSMECEUTICAL DELIVERY SYSTEM.



Lutronic's LaseMD is a new concept in fractional laser resurfacing, combining laser resurfacing with cosmeceutical delivery for impressive skin rejuvenation and wound healing.

LaseMD features both a comprehensive laser system (LaseMD Station) and exclusive cosmeceuticals (LaseMD Ampoule) which work synergistically to stimulate and rejuvenate the skin for overall brightening and anti-ageing benefits.

South Australian cosmetic surgeon Dr Robin Chok is impressed with the system's results and multiple treatment applications. "We have been using LaseMD intensively across our large demographic of patient skin types with great results," he says. "It is the leading edge technology in combining a precise Thulium scanning laser with nanosome cosmeceuticals for maximum delivery and absorption."

LaseMD safely treats all skin types and offers cosmeceutical delivery of pure actives for skin tone and texture improvement, and even lightening of pigmented lesions.

"LaseMD Laser and Cosmeceutical Delivery System have enabled us to create leading edge skin rejuvenation and pigmentation control protocols. Since introducing LaseMD to our practice, we have been able to confidently treat PIH, melasma, and sun-damaged and freckled skin with accelerated results," says Dr Chok.

Unique delivery system

The challenge of cosmeceuticals is that less than 0.1% of effective ingredients penetrate into the epidermis¹. Many active ingredients are unstable or break down before ever reaching the layers where they can be effective. This is where LaseMD comes in.

"LaseMD is essentially a two-step process," explains Dr Chok. "The first stage is the creation of microchannels with the magnetic roller-controlled fractionated Thulium 1927nm laser. This is followed by direct application of LaseMD cosmeceutical formulations selected according to the needs of the patient. The formulations are activated just

before application to skin to allow maximum effect.

"In just six minutes the LaseMD laser generates thousands of microbeams, reaching deep into the dermis and providing an ideal environment for cosmeceuticals to be absorbed into the skin via multiple microchannels. This process delivers active ingredients efficiently and directly into the dermis. Even after the channel has closed, the LaseMD product is still effective as the molecules are nanosized and delivered with liposome technology. The remainder of the ampoule is then given to the patient for homecare.

LaseMD's Thulium (1927nm) Optical Fibre Laser creates precise rows of microchannels within the skin. This provides a two-fold advantage in tissue rejuvenation and regeneration. Firstly, the laser-precision microchannels become reservoirs for LaseMD's cosmeceutical formulas to allow maximum absorption through the deeper layers of tissue where cellular repair and rejuvenation processes begin.

"We combine all our LaseMD treatments with Lutronic's Healtel LED phototherapy at 810nm or 633nm wavelengths for optimum results and minimal downtime," adds Dr Chok.

Versatile treatments

The LaseMD has a dual operating system: easy mode for cosmeceutical delivery and advance mode for precise adjustment of energy levels to achieve light to medium skin resurfacing. The fibre-based laser also allows users to perform more stable and accurate treatments. "LaseMD is equipped with three levels of Easy

Mode, which are gentle and safe for optimised delivery of nanosome cosmeceuticals with minimal to no downtime. The Advance Mode is a more precise setting of power and energy patterns, optimised for creating microinjury to the skin for rejuvenation."

OUR ASIAN PATIENTS OFTEN REFER TO LASEMD AS THE "BABY SKIN LASER TREATMENT", AS IT IS KNOWN IN SOUTH KOREA

"The microinjury from the LaseMD Thulium Laser also triggers and accelerates cellular repair activity. We have also successfully treated specific areas of pigmentation and plaque lesions using the LaseMD Advance Mode. I have great confidence in using laser on all skin types."

"The laser handpiece itself is a joy to use," he adds. "It is light and not restrictive as the laser is optical fibre transmitted from the LaseMD Station."

Custom-formulated ampoules

The range of innovative cosmeceutical formulations include a powerful ascorbic acid (Vitamin C) ampoule for brightening and to reduce the signs of sun damage, a Retinol (Vitamin A) ampoule to accelerate cell turnover and reverse the signs of ageing, a Tranexamic Acid ampoule for wound recovery and a Resveratrol ampoule

for UV-related skin concerns, such as photoageing, pigmentation and dehydration.

"Their most exciting formula, the CK ampoules, contains peptides from Stem Cell Conditioned Media, supporting the collagen and elastin fibre density restructuring. It can also help promote hair regrowth," says Dr Chok. "We can therefore use this for treatment of alopecia."

"We have applied LaseMD especially to our large demographic of Asian skin type III to V with great acceptance. Lutronic's LaseMD is highly regarded and well respected by our Asian clientele as South Korea's best technology. Our Asian patients often refer to LaseMD as the "baby skin laser treatment", as it is known in South Korea. The treatment is very well tolerated with minimal to no pain and no anaesthesia is required."

"These exclusive LaseMD formulations provide us with a next generation tool for repair and regeneration of tissue, which will pave the way not just in cosmetic rejuvenation but perhaps other areas of medicine as well. We are truly excited with the direction of technology from Lutronic LaseMD," Dr Chok concludes. **AMP**

Reference: 1. Donnelly, R & Singh, T 2015, Novel Delivery Systems for Transdermal and Intradermal Drug Delivery, Wiley, UK

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