

Palomar Icon Reinvents Standard in Rejuvenation Treatments

By Ilya Petrou, M.D., Contributing Editor

According to Palomar Medical Technologies, Inc. (Burlington, Massachusetts, U.S.), the brand new Palomar Icon™ laser and optimized light system, redefines the standard of light-based aesthetic and dermatologic rejuvenation treatments. This device features completely redesigned platform technology, representing the next-generation of aesthetic systems.

According to Gregory Altshuler, Ph.D., senior vice president of research at Palomar, "the Palomar Icon is truly a new generation of technology. We have completely redesigned this platform technology from the ground up. Increases in both power and cooling can improve treatment outcomes and promote greater comfort. A larger touch screen and our new treatment tracking software help make the Palomar Icon easier to operate as well."

Clinically proven to produce results as good as or better than single-procedure lasers, with more patient tolerability and comfort, this novel work station is equipped with several new key enhancements that are designed to improve clinical outcomes and treatment satisfaction. These include high peak powers, advanced cooling, built in calibration and an intuitive user interface.

Innovative adjustable cooling technology keeps epidermal temperature lower to enhance treatment comfort and minimize skin damage. The Icon System is also equipped with AccuSpectrum featuring dual filters which minimize unnecessary epidermal exposure, further enhancing patient comfort.

"This increase in power and cooling will make a noticeable impact in both patient comfort and results," said Robert A. Weiss, M.D., F.A.A.D., a dermatologist at The Maryland Laser, Skin & Vein Institute in Hunt Valley, Maryland, U.S. "Other improvements in the touch screen



Before Tx



Two months after two MaxG handpiece treatments
Photos courtesy of Emil Tanghetti, M.D.

and the new treatment tracking software will be valuable time-saving features to help streamline procedures for both me and my staff."



Robert A. Weiss, M.D.
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A potential game changer in the industry is the device's new Skintel™ melanin reader. When used in conjunction with the Icon, Skintel provides an element of treatment confidence by determining the average amount of melanin that is located in the target area.

Other unique developments and features of the Icon System include Hexagonal XF (extra fast) Microlens enabling high speed, non-ablative fractional resurfacing; Photon Recycling which maximizes treatment results by reducing energy loss; and the Smooth

Pulse, a proprietary light delivery system that allows for usage of greater amounts of light energy.

This fully redesigned and improved device can effectively address a variety of cosmetic indications including permanent hair removal, wrinkle treatment, acne scar and surgical scar improvement, stretch mark treatment, fractional skin resurfacing, leg and facial vessel clearance, and photofacial skin rejuvenation (pigment and vessel clearance).

As well, the work station can be customized with the addition of various treatment-specific handpieces including the MaxR™, MaxRs™, MaxY™, MaxYs™, MaxG™, 1540 fractional laser, 2940 fractional laser (including the unique Groove™ Optic feature), 1064+ laser and the MaxIR™. Depending on the handpiece chosen, the aesthetic physician can cater to each patient's individual treatment needs. This all-in-one approach allows the user to address most any indication seen in the typical aesthetic practice, emphasizing the cost-effective aspect of the Icon System.



Brooke Seckel, M.D.
Plastic Surgeon
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For Brooke Seckel M.D., a plastic surgeon in Concord, Massachusetts, U.S., the Groove Optic offers a clear advantage in fractional laser resurfacing. "This new optic helps erase the memory of the wrinkle, thereby improving long-term results. It also provides the ability to perform significant facial rejuvenation and skin resurfacing approaching the results of CO₂ lasers, without the risks, downtime or hypopigmentation. With the Groove Optic, I have seen significant pigment and rhytid improvement, and in several cases, skin tightening."