

The Optimal Solution for Treating Unwanted Pigmentation in Darker Skin Types



About Dr. Nazanin Saedi, MD, Leading Expert in Laser-Based Dermatology Treatments

Dr. Nazanin Saedi, MD, a leading expert in dermatological applications for laser-based medical technology, devotes her career to enhancing patients' lives through innovative technology. Dr. Saedi is currently the Department Co-Chair at one of the largest, innovative dermatology group practices, Dermatology Associates of Plymouth Meeting, Skin & Laser Center where she provides her expertise as a leading expert in laser technology.

Dr. Saedi is a paid consultant of Cynosure

Looking at Innovative Care for Darker Skin Types

Early in Dr. Saedi's aesthetics training, with her special interest in laser treatments, she explored industry limitations in pigmentation treatments for darker skin types. With limited safe options available, she found herself using the PicoSure laser (the original alexandrite picosecond laser platform) to successfully address unwanted pigmentation in this more at-risk population.

Dr. Saedi still prefers to use PicoSure technology today and was one of the first physicians in the world to try the new PicoSure Pro laser, in part thanks to the ability to utilize lower fluences and for its specialized Platinum Focus™ lens array technology. Treatments with the Platinum Focus lens minimize epidermal destruction and post-inflammatory hyperpigmentation which are two

common side-effects in laser treatments when treating darker skin types. These unwanted side-effects are too often seen with other lasers, even other picosecond lasers and fractionated handpieces, and fractionated optic handpieces.

Innovative Hyperpigmentation Protocols for Darker Skin Types

Dr. Saedi's extensive treatment experience focusing on unwanted pigmentation in darker skin types led her to refine highly effective and safe treatment protocols. For example, the melasma pigment treatment protocol utilizes a larger spot size treatment spot size, combined with low fluence and repetition rate parameters. In particular, she prefers a 1Hz repetition rate, which helps to minimize heating of the skin and reduces the amount of damage done to surrounding tissues. For melasma, a common protocol is using the 8mm Platinum Focus lens at 0.35 fluence. When

treating Nevus of Ota and Hori's Nevus, Dr. Saedi implements monthly treatment intervals. This protocol utilizes lower fluences, increasing fluence only as tolerated by the patient until the clinical endpoint, dermal whitening, is achieved.

These regimens for clearing hyperpigmentation in darker skin types has resulted in great success for Dr. Saedi and her patients. She reports phenomenal clearance of the unwanted pigment, resulting in a highly satisfied patient population.

What's more, patients often report to Dr. Saedi that the minimal downtime following PicoSure Pro treatments enhances their overall experience. They also report feelings of confidence in her PicoSure Pro treatments, feeling safe even as patients with darker skin types.

Important Takeaways from an Early Adopter

Dr. Saedi has been amongst one of the few physicians to get early access to PicoSure Pro, the most advanced generation of PicoSure technology, and experience it firsthand. Her experience with the PicoSure Pro provides important insights.

To provide noteworthy context, the new PicoSure Pro allows physicians to adjust the fluence directly, where it was previously locked at each handpiece by size. This new upgrade permits more customizable treatments that enhance physician control and experience. What is more, the new adjustable fluence promotes faster facial treatments; early clinical evaluations have shown

that a facial revitalization treatment with the PicoSure Pro can be completed in just 10 minutes with no downtime. Note that fluency is an important component to treating darker skin types. In addition, PicoSure Pro expands options with a new 5mm handpiece which excels at treating pigmentary conditions in patients with lighter skin types.

Other updates to the device may help to increase revenue and overall efficiency making the device a potential fixture in every practice. The device has been updated with a new look and feel; it's described as an aesthetically pleasing addition that fits into the style of any office. PicoSure Pro has been revamped from the bottom up, resulting in a faster start-up time that ultimately minimizes downtime between patients, when physicians or assistants must take extra time to prep the device before seeing new patients.

The accompanying brand-new Platinum Focus lens array is a longer-lasting handpiece too, providing an increase in the overall number of pulses in the life of the handpiece. This upgrade reduces the need for physicians to purchase the lens as often, potentially saving time and money with this added value.

Dr. Saedi says *"The PicoSure Pro device is phenomenal for treating pigmentation, specifically in skin of color and is a great compliment to other procedures such as injectables and/or other energy-based devices. My patients love the PicoSure Pro treatment for its' effectiveness, safety, and lack of downtime. I would recommend this to anyone looking to safely and effectively treat pigmentation."*



Before and after 3 treatments

Courtesy of Dr. Nazanin Saedi



Before and after 3 treatments

Courtesy of Dr. Nazanin Saedi



©2022 Cynosure, LLC. All rights reserved. Cynosure, LLC owns exclusive rights to photography. Use of photography without written permission of Cynosure is prohibited. Cynosure and PicoSure are registered trademarks and trademarks of Cynosure, LLC.

Like all medical procedures, not all patients are suitable for the treatment. Talk to your medical provider about the risks and benefits of this procedure. A qualified practitioner is solely responsible for evaluating each subject's suitability to undergo treatment and for informing those being treated about any risks involved with the treatment, pre-and postoperative care, and any other relevant information. Individual results may vary and are not guaranteed. PRD-0542