

# Nd:YAP 1340 nm for Global Skin Rejuvenation

By Cindy Papp, Contributing Editor

With an exclusive subdermal resurfacing technology for global skin rejuvenation, VYDENCE Medical (Sao Carlos, Brazil) introduces the innovative ProDeep Nd:YAP 1340 nm fractional laser to the family of ETHEREA-MX® handpieces.

Utilizing subdermal non-ablative fractional resurfacing technology, the Nd:YAP 1340 nm can effectively treat a host of skin concerns to satisfy patient demand for non-invasive cosmetic procedures. The ProDeep handpiece enables practitioners to easily treat mild to moderate wrinkles, minimize fine lines and stretch marks, tighten pores and treat acne scarring. With deep penetration targeting water within the cells, the 1340 nm infrared wavelength provides greater efficacy with a shorter recovery time than traditional 1550 nm lasers.

According to Lisa Kellett, MD, FRCPC, a dermatologist in Toronto, Ontario, Canada, the ProDeep handpiece can be used for many types of global skin rejuvenation, even scarring, thanks to its ability to stimulate collagen growth. “It is useful for patients with textural changes such as scars. This improvement in scars is generated by heating the dermis and producing new collagen.”

A larger handpiece surface ensures greater operator visibility and expanded treatment area coverage, as well as improved accuracy. Furthermore, the square shape adds to the efficiency of the Nd:YAP 1340 nm, so the patient can enjoy a shorter treatment time.

Dr. Kellett prefers this larger 8 mm handpiece. “I have the ability to treat acne scars effectively and quickly as the new 8 mm square spot size offers a 25% larger treatment area than a round-spot configuration,” she shared.

Using clinical innovation with power and efficacy, this advanced handpiece also reportedly penetrates deeper than other non-ablative lasers. “The ProDeep can apply up to 220 mJ per MTZ in fractionated beams, which generate more heat in subdermal tissue resulting in deeper collagen remodeling,” Dr. Kellett advised. The result is tighter, smoother skin that looks and feels rejuvenated and fresh.

But what about recovery? The advanced technology ensures treatment is well tolerated by most individuals. Thanks to the deep subdermal penetration, patients experience recovery time of 12 to 24 hours with overall less visible erythema. Aside from mild redness, some patients experience mild edema for up to 12 hours post-treatment. According to Dr. Kellett, “By using the deeper wavelength, patients experience less erythema and can return to normal activities the day after treatment.”

With no consumables, no need for topical anesthesia and no preheating involved, the ProDeep Nd:YAP 1340 nm handpiece is easy to incorporate into any portfolio of treatment options. Its versatility allows the physician to treat a wide variety of skin concerns, affording a larger patient cohort and increased patient satisfaction.

Featuring an impressive range of options, the ETHEREA-MX platform with the ProDeep handpiece enables physicians to deliver global skin rejuvenation. The quality of technology, along with the superior customer support allows physicians to consistently deliver positive and beneficial results to a broader group of patients, while increasing their scope of practice.

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