

ProDeep Provides New Approach to Traditional Acne Treatment Methods

By Cindy J. Papp, Contributing Editor

Acne affects millions of people around the world, and according to the *American Academy of Dermatology*, adult acne is on the rise. Sadly, acne and the resulting scars cause many to suffer both aesthetically and psychologically. Today, more people prefer non-pharmaceutical treatments, prompting many patients to turn to procedures such as non-ablative fractional resurfacing.

The innovative 1340 nm Nd:YAP ProDeep handpiece by Vydence (São Carlos, São Paulo, Brazil) is the perfect solution for skin rejuvenation and acne treatment, as it works with the ETHEREA-MX®, a next-generation laser and light-based platform technology. By applying up to 220 mJ per MTZ in fractionated beams, the ProDeep stimulates deeper collagen remodeling where it counts most while remaining gentle enough for the patient to experience a quick recovery.

Anna Tomkowiak, MD, an aesthetic medicine specialist in Wrocław, Poland, uses the ProDeep in her practice to effectively treat acne and acne scarring. “I have a schedule; I do one treatment per month and three to four treatments are needed. If after this time some pimples reappear, I do an extra treatment after three months.”

For even more impressive results, Dr. Tomkowiak gets creative. “I combine all handpieces, especially ProDeep with dual mode, the ipl-sq® handpiece and the INTENSE IR handpiece. The ProDeep is the perfect stimulator. Remodeling appears with time, and the best results are within three months.”

The ProDeep improves acne scars by stimulating the production of new collagen. In addition, it can directly target, heat and shrink sebaceous glands to effectively treat active inflammatory acne. Fractional lasers deliver targeted heat deep into the skin through microthermal treatment zones (MTZs), allowing for precise treatment while surrounding tissue remains unaffected. With the ProDeep, practitioners can provide cooling through the handpiece for the patient's utmost comfort.

“Treatment is comfortable for the patients especially if we use the cooler,” Dr. Tomkowiak explained. “ProDeep is a non-ablative fractional laser so we not only condition the gland

functioning with energy, but we stimulate skin and the remodeling appears. Patients see the changes, as the quality of their life gets better. The downtime is really short, in most cases patients are back to normal the next day.”

While an effective treatment for acne and acne scarring, the rejuvenating benefits of the ProDeep go even further. According to Dr. Tomkowiak, “I also use ProDeep for treating wrinkles, skin tightening, dark circles under the eyes, blackhead removal, stretch marks, hair stimulation and eczema.”

Dr. Tomkowiak has discovered surprising results in other types of cosmetic treatments with the ProDeep. “I also use the ProDeep handpiece for lip enhancement. Not only is the red color of the lips improved, but also structure of the tissue becomes better for older patients as well as smoker's lines. In some cases, it is better to stimulate the tissue because the filler will not look natural, or I first stimulate the tissue and then use the filler. It is really a perfect treatment for achieving a natural look.”

By enhancing and expanding services, patient satisfaction also increases, and the 1340 nm Nd:YAP ProDeep can help any aesthetic practice increase their portfolio of treatment options. “By working with set protocols, but adjusting therapy to the patient's skin condition, I can achieve incredible results,” Dr. Tomkowiak shared. “The Etherea MX really satisfies my needs as an aesthetic physician.”



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Before and after five sessions with the ProDeep handpiece
Photos courtesy of Valeria Campos, MD