

JetPeel Vies to Replace Microdermabrasion

By **Bob Kronemyer**, Associate Editor

The JetPeel system from TavTech (Tel Aviv, Israel) is making a big splash in the skin rejuvenation market and has replaced microdermabrasion for some users. This unique device directs a stream of saturated microdroplets, comprised of oxygen and saline, against the skin – creating a local high-pressure zone (1-3 atmospheres), which simultaneously oxygenates, hydrates and exfoliates the treatment area.

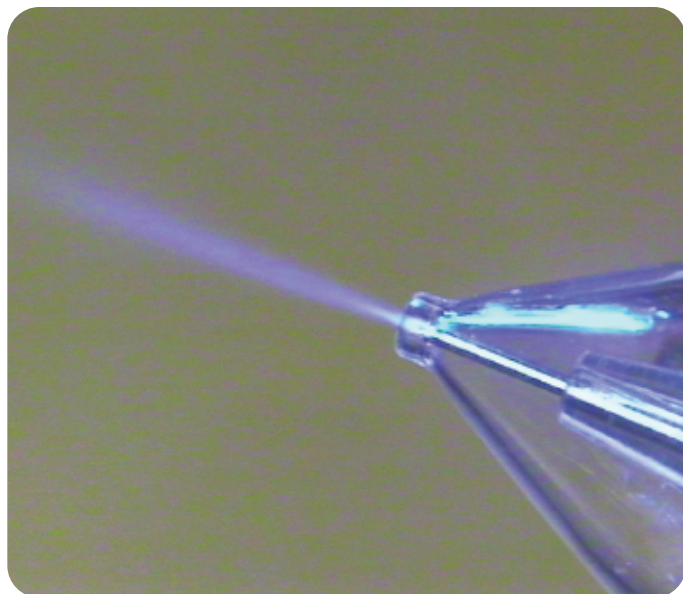
“I predict the JetPeel will replace microdermabrasion,” said Emmanuella Joseph, M.D., a plastic and reconstructive surgeon in private practice in Decatur, Ill. “The results are fantastic for acne, skin rejuvenation and skin lightening. Aestheticians can apply treatment, or there is higher grade therapy for actual exfoliation, causing a very smooth break in the skin. With the higher grade, patients look like they’ve almost had a chemical peel.”

The 200 meter per second, supersonic microflow of the JetPeel is made possible by a highly proprietary, patented nozzle handpiece that functions as a microdroplet accelerator. “There are three jet streams of normal saline,” Dr. Joseph explained. “It’s like a high pres-

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sure washing of your face, with oxygen going through it. It really cleans out the pores. I recommend treatment once a month, the same as for microdermabrasion. Results are similar, and I’ve even had success extracting blackheads.”

Aggressive treatment with the JetPeel “can be a little painful. But with no breakage of skin, treatment



feels fantastic,” Dr. Joseph conveyed. A typical session lasts about 30 minutes for a full face. “I’ve had treatment myself, and my entire staff loves it,” Dr. Joseph said. “In addition, every patient who has had treatment keeps coming back and tells her friends. In fact, more of my patients are signing up for the JetPeel than for microdermabrasion.”

For acne, results can be seen in only one session. However, for fine lines and wrinkles, “five or six sessions are normally required,” said Dr. Joseph, who at times combines the JetPeel with other non-invasive cosmetic procedures.

Three advantages of the JetPeel over microdermabrasion are: “the elimination of crystals, a more comfortable treatment for the patient, and the addition of oxygen,” reported Steven Bloch, M.D., a plastic surgeon in private practice in Highland Park, Ill., who uses the JetPeel as part of an anti-aging skincare program.



“We’ve already treated approximately 200 patients in the first three months alone.”

Dr. Bloch, who uses the JetPeel at his two medical spas, typically starts patients off with one session about every three weeks. “Initially, treatment takes between 30 and 60 minutes for full face. But some patients request that their whole body be treated,” he said. “After one session, the skin texture is improved and the skin looks more radiant. The skin also has a more youthful appearance. The JetPeel allows a very deep cleansing of the pores. And depending on the number of passes, you can effectively take off the outer keratinized layer of the skin. Using oxygen also allows a greater penetration and absorption of the oxygen.”

Dr. Bloch suspects that medications can be added to the JetPeel system for further benefit and, like Dr. Joseph, believes the system will eventually replace microdermabrasion. “This is an exciting, significant,



JetPeel

non-invasive method to assist the patient with photo-damaged skin or early rhytides in resurfacing the skin with minimal downtime,” he said. ■