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AirGent2.0 Propels Needleless Transdermal Skin Remodeling to New Heights

By Kevin A. Wilson, Contributing Editor

Building on its signature Jet Volumetric Remodeling (JVR) technology, the FDA cleared AirGent2.0 from PerfAction Technologies (Rehovot, Israel) offers even more powerful, minimally-invasive skin remodeling via needle-free pneumatic implantation of therapeutic compounds. This new device incorporates an innovative dosing system, stronger implantation jet stream, lighter applicator and intuitive user interface, translating into better



Sabine Zenker, M.D.
Dermatologist
Munich, Germany



Daniel Lanzer, M.D.
Cosmetic Surgeon
Sydney, Australia

results and shorter sessions. Treatment is safe for all skin types, providing both long-term structural benefits that may last a year or more, along with immediate visible improvement in smoothness and hydration. This device is indicated for professional use only.

Implanting hyaluronic acid (HA) via JVR technology harnesses a synergistic effect between the HA, which promotes hydration and neocollagenesis, along with stimulation of the skin's natural healing process. This is a direct result of the JVR-powered, 150 meters-per-second implantation mechanism, according to dermatologist Sabine Zenker, M.D. who has a private practice in Munich, Germany. The 'nanobullets' of compound spread evenly beneath the skin up to 6 mm deep. "This technology provides a truly safe way to create minimally-invasive microtrauma. Physicians and patients appreciate the long lasting results, minimal downtime, lack of pain and low risk of side effects such as post-inflammatory hyperpigmentation (PIH)."

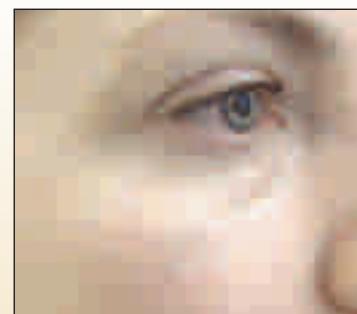
This clinically proven non-thermal modality enables a 'kinetic' face-lift for improvement of jawline contour, midface profile and nasolabial folds; lifting of the cheeks, jowls and brow; and tightening of the upper face, as well as improvement in skin quality and smoothing of fine lines and wrinkles. AirGent2.0 is suitable for large areas and even the most delicate

areas of skin, such as the décolleté, neck, cheeks, around the eyes, lips, forehead and chin. It also efficiently treats many types of scars, added Dr. Zenker. "It is the most effective way to stimulate production of new collagen in a targeted, but skin-friendly manner for acne scars and stretch marks. This device fills a therapeutic gap for which other treatments fail, and it can be used for all skin types regardless of sun exposure, with minimal downtime and risk."

Cosmetic surgeon Daniel Lanzer, M.D., of Sydney, Australia likens the effect of JVR technology to that of HA fillers. "The same compound which comprises many fillers is literally blown through the skin layers in an almost fractional matrix, for a thickening and rejuvenating effect," he explained. "There is nothing else like it in our clinic and it is great for patients with low pain tolerance, as well as those who may be afraid of needles." Dr. Lanzer also uses AirGent for acne scars, stretch marks, fine lines, wrinkles and general rejuvenation. "Results for stretch marks are better, compared to the numerous technologies we have in our practice."

In addition, the disposable delivery kit can be used multiple times on a single patient, for maximum sterility and safety with manageable cost. Another benefit of the AirGent system is how safely it works with other therapies, according to Dr. Zenker. "Combining treatments is key to obtaining the best results, and JVR technology can be easily combined with botulinum toxin, fillers and resurfacing modes, along with other modalities because it is safe and non-thermal."

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Before and 60 days after three AirGent treatment sessions
Photos courtesy of Daniel Lanzer, M.D.