

# Doublo Achieves Significant Non-Invasive Skin Rejuvenation and Face-Lifting



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Before Tx



After Doublo Tx

Photos courtesy of Jie Hoon Kim, M.D.

By Ilya Petrou, M.D., Contributing Editor

Non-invasive skin rejuvenation procedures have become extremely popular in aesthetic medicine, as new and exciting treatment modalities continue to evolve, offering patients excellent outcomes, in many cases circumventing the need for traditional cosmetic surgery. Since its inception several years ago, the Doublo from Hironic (Sungnam, South Korea) has proven itself as an impressive aesthetic device achieving significant skin tightening and lifting effects in the face and neck regions.

“Compared to other skin rejuvenation devices and technologies, the Doublo can achieve good aesthetic outcomes while limiting unwanted side effects,” said Jie Hoon Kim, M.D., chairman of the Dermatology Clinic at Dr. Kim's Skin & Laser Clinic in Suwon, South Korea. “The large majority of my patients are satisfied with the outcomes and improvements achieved in the signs of aging.”

Among the different energy-based technologies currently used in skin rejuvenation devices, ultrasound energy is considered by many experts as a safe and effective approach to treating aging and sagging skin. Powered by second generation high-intensity focused ultrasound (HIFU) technology, the Doublo targets the deep dermis and SMAS, creating thermal coagulation zones in the targeted tissues, while largely sparing the surrounding structures. This focused energy causes a contraction of the SMAS, as well as a denaturation and remodeling of the targeted collagen fibers resulting in neocollagenesis, which then produces significant skin tightening and lifting of the targeted tissues.

In Dr. Kim's opinion, “One of the central advantages of the Doublo is that it allows the clinician to perform a non-invasive face-lift without damaging the epidermis. Other rejuvenation

modalities such as radiofrequency (RF) and lasers also aim to stimulate the deep dermis, but these treatments often result in unavoidable damage to the epidermis. Doublo's high-intensity focused ultrasound energy avoids damage to the epidermis.”

Doublo procedures are quick, safe and painless, said Dr. Kim. Since there is no downtime associated with treatment, patients can return to daily social activities immediately following the procedure.

“Most patients are very satisfied with the results and return for additional sessions,” Dr. Kim reported. “Treatments are comfortable and the rejuvenation effects are very noticeable; therefore, patients who know the procedure well, often recommend it to others.”

With a 128 CH high resolution image probe, the Doublo offers precise and real-time imaging of the targeted structures before and during a treatment session. It is also equipped with a larger treatment tip, allowing the physician to perform quicker treatments.

In addition, the Doublo was recently upgraded to include a 5,000 shot cartridge (more than double the capacity of the previous cartridge). This improvement allows physicians to treat more patients than ever before with a single cartridge, further underscoring the higher efficiency of the Doublo compared to other devices.

“In my experience, one can achieve the best clinical result if Doublo treatment is combined with another rejuvenation modality such as RF or fractional lasers,” Dr. Kim noted. “Since it appeared on the aesthetic market five years ago, I believe Doublo has developed a solid reputation in the rejuvenation field.”