

CLARITY Offers Versatile and Efficient Treatment Solutions



Jie Hoon Kim, M.D.
Dermatologist
Dr. Kim's Skin & Laser Clinic
South Korea



Before treatment



After CLARITY 755 nm hair removal treatment

Photos courtesy of Jie Hoon Kim, M.D.



Skin pigmentation before treatment



Skin pigmentation three weeks after first CLARITY 755 nm Alexandrite treatment

Photos courtesy of J.H. Won, M.D.

By Ilya Petrou, M.D., Contributing Editor

Largely viewed as one of the most versatile cosmetic devices on the market today, CLARITY™ from LUTRONIC® (Goyang-Si, Gyeonggi-do, Korea) has proven time and again to effectively and efficiently address numerous cosmetic problems seen in the aesthetic practice, resulting in a high level of satisfaction for both patients and physicians.

This multi-purpose laser system's great versatility is founded on its dual wavelength platform that includes the long pulsed 755 nm Alexandrite and 1064 nm Nd:YAG lasers, allowing physicians to gently, yet quickly, treat numerous cosmetic indications such as hair removal, pigmented and vascular lesions, as well as skin lifting and rejuvenation with different protocols and techniques.

Jie Hoon Kim, M.D., a dermatologist at Dr. Kim's Skin & Laser Clinic in South Korea has used CLARITY for the past year in his clinic and finds it to be a very robust laser platform that serves as a workhorse for an array of commonly seen aesthetic indications. "My patients are very satisfied with the results achieved," he said.

Equipped with nine different spot sizes, a Flat Top beam profile ranging from 2 mm to 20 mm, a spot size auto-sensing function and rapid speed with an efficient repetition rate, CLARITY offers premium cosmetic protocols for convenient, quick and cost-effective treatment solutions.

"The single fiber of CLARITY can cover all spot sizes, so I don't need to exchange the fiber during operation as with other systems," Dr. Kim noted. "As we know, the optical fiber is quite delicate and is related to a

good beam quality. However, if a system has to use two fibers for different spot sizes, it can be easily damaged during the exchange, which is not the case with this system."

CLARITY also offers a lower fluence available at smaller spot sizes, enabling precise and gentle pigment removal. While the 2 mm and 3 mm spot sizes are useful for smaller vascular and pigmented lesions, the 20 mm spot is ideal for quick treatment of larger surface areas when performing skin rejuvenation or hair removal. Emitting up to 2.5 Hz with the 18 mm spot, the rapid treatment handpiece allows for fast, efficient and less painful hair removal, saving valuable time in a busy aesthetic practice.

"Compared to other laser systems, CLARITY is smart-looking and robust, but for me, its main feature is convenience. I have used it with over 5,000 shots every day for the past year and have not experienced any technical problems," Dr. Kim advised.

Treatments with CLARITY are known to be comfortable and safe, thanks to the choice of either Lutronic's proprietary built-in cryogen Intelligent Cooling Device™ (ICD) or optional air cooling system, which continuously cools the epidermis during the procedure.

"There is no doubt that CLARITY has positively impacted my practice, as it has become one of the most frequently used lasers at my clinic. I strongly recommend CLARITY for busy patients who do not want downtime, and I can confidently recommend it to my peers who are looking for a device with a versatile approach from a single platform," Dr. Kim stated.