

CLARITY Proves Invaluable to Busy Aesthetic Practices



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Veins before Tx



Veins after CLARITY Tx
Photos courtesy of B.L. Goo, M.D.



Axilla before Tx



Axilla four weeks after second CLARITY 755 nm
Alexandrite Tx
Photos courtesy of J.H. Won, M.D.

By Ilya Petrou, M.D., Contributing Editor

Reliability, high speed and versatility have made Lutronic's (Ilsan, South Korea) multipurpose CLARITY™ device a very useful tool in today's busy aesthetic practices. This user-friendly system has gained much popularity among physicians and their patients, and is considered by many as an ideal solution for the treatment of numerous indications, including benign pigmented lesions, unwanted hair, skin tightening and the improvement of superficial vascular lesions.

Kubilay Yucel, M.D., a dermatologist at the Ozel Kubilay Yucel Pliklinigi Clinic in Muratpasa, Turkey, who started using the CLARITY in December 2012, said his patients are very satisfied because of the treatment speed and minimized discomfort. "They especially like the clinical outcomes. I appreciate that I can utilize the system for multiple applications, including hair removal."

At the heart of Lutronic's CLARITY device are the long established 1064 nm Nd:YAG and 755 nm long pulsed alexandrite lasers, ideal for this subset of aesthetic indications. This device is equipped with nine different spot sizes, a single fiber delivery system ranging from 2 mm to 20 mm, a spot size auto-sensing function, as well as rapid speed with an efficient repetition rate, all of which help to ensure not only appropriate and quick treatments, but effective and efficient ones as well. Discerning physicians are choosing CLARITY's dual-wavelength platform, as it offers their patients a greater versatility for aesthetic treatments and overall skin rejuvenation.

Dr. Yucel most often uses the 1064 nm Nd:YAG laser for the face, back and chest. He also noted that the 755 nm alexandrite laser is very satisfactory for

treating the rest of the body. "Moreover, because patients do not have to shave before hair removal treatment sessions, the speed and facility of treatment is further increased," he advised.

One of the CLARITY's unique features is a lower fluence available at smaller spot sizes, which has shown to be very effective for precise and gentle pigment removal. While the 2 mm to 3 mm spot sizes are ideal for the treatment of individual vascular and pigmented lesions; the 20 mm spot size is optimal for larger surface areas when performing skin rejuvenation or hair removal. The rapid treatment handpiece emits up to 2.5 Hz with the 18 mm spot and 2 Hz with the 20 mm spot size, convenient for fast and efficient hair removal treatments that prove to be an invaluable asset in a busy practice.

"I choose the Nd:YAG laser for the many medium or dark skinned patients I treat within my practice," said Dr. Yucel. "I prefer the 12 mm and 15 mm spot handpieces for most areas of the face and body, but will often opt for the 20 mm spot for some body areas, such as the arms and legs."

Treatments with CLARITY are known to be very comfortable thanks to the device's built-in Cryogen Intelligent Cooling Device™ (ICD), or assisted air cooling, which continuously cools the epidermis throughout the treatment.

Offering a wide-range of enhanced parameters for both the alexandrite and Nd:YAG lasers, the CLARITY device is equipped with an easy-to-use, intuitive 8 inch LCD touchscreen interface, which has become one of Lutronic's most recognized features, adding transparency for the clinician and simplifying treatment sessions.