

Physicians Prefer RevLite and MedLite C6 Lasers to Treat Darker Skin Tones

By Bob Kronemyer, Associate Editor

Due to their versatility, safety profile and impressive outcomes in darker skin types, the RevLite and MedLite C6 Q-switched Nd:YAG lasers from HOYA ConBio (Fremont, Calif.) have become exceedingly popular in the U.S., Asia and South America.

"About 70% of my practice is treating patients with skin of color," said Lori Hobbs, M.D., a dermatologist in private practice in Beverly Hills, Calif. "With its 1064 nm wavelength the MedLite C6 is ideal for patients with moderate-to-dark skin because there is very little risk of any pigmentation changes."



Lori Hobbs, M.D.
Dermatologist
Beverly Hills, CA

Recently Dr. Hobbs participated in a "Lasers in Skin of Color" panel at this year's American Academy of Dermatology annual meeting in Miami Beach, Fla. Dr. Hobbs shared her experience with the MedLite C6 for treating all skin types,

especially phototypes IV through VI. "I find the laser most effective for tattoo removal and treatment of pigmented lesions, as well as helping to soften acne scarring."

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Dr. Hobbs favors the MedLite C6 because of the way it feels in her hand. "With larger spot sizes to choose from, such as 6 mm and 8 mm, and multiple wavelengths for various tattoo colors, results are good and reproducible, plus the laser rarely breaks down." The MedLite C6 features PhotoAcoustic technology, a combination of high peak power and short pulse durations that vibrate and shatter the targeted chromophore.



Before Tx



After six RevLite treatments

Photos courtesy of A. Bakus, M.D., J. Garden, M.D., and D. Yaghamai, M.D.

For laser-assisted tattoo removal, Dr. Hobbs recommends six to ten treatment sessions, typically spaced one to two months apart. "By waiting two months between sessions in skin of color, the skin has sufficient time to regroup, with less textural changes and a fewer number of treatments over time," she explained. "With multiple treatments patients can expect a near-complete removal of tattoo ink in the range of 90% to

95%." A young male patient with phototype VI skin, recently had a small, amateur, black tattoo treated with a 3 mm spot size at 3.5 J/cm² and the 1064 nm wavelength. "His tattoo cleared within only three sessions, spaced two months apart," Dr. Hobbs related.

Dina Yaghamai, M.D., co-director at Physicians Laser and Dermatology Institute and clinical instructor in dermatology at Northwestern Memorial Hospital in Chicago, Ill., believes the RevLite is extremely safe and effective. "We notice a very positive response. Generally, 1064 nm systems are safer in individuals with increased natural pigment in the skin." Built on the same platform as the MedLite C6, the RevLite offers PhotoAcoustic Technology Pulse (PTP) – a unique pulse dispersion with up to 60% more power, plus an intuitive touch screen.

Dr. Yaghamai's most popular indications for the RevLite are skin rejuvenation and hair removal. For rejuvenation, four to five sessions are scheduled at monthly intervals. "Patients should see a significant improvement in texture, tone and pigmentation," Dr. Yaghamai said. Maintenance treatments are also advised to preserve results. For hair removal, about four sessions, spaced once every three to four weeks is needed to achieve "significant improvement in fine hair," Dr. Yaghamai stated.

In November, Dr. Yaghamai began treating a woman in her late thirties for fine hair on the arms. "There has been significant reduction after the third session," Dr. Yaghamai said. "The patient was surprised and happy with the results. Previously, we had tried other laser systems, but with limited improvement. For tattoo removal, dyschromia, rejuvenation and fine hair, RevLite is my laser of choice."

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more than one type of skin.



RevLite's PhotoAcoustic Technology Pulse

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