

HOYA ConBio's Q-switched Nd:YAG Lasers Provide Essential Versatility

By Bob Kronemyer, Associate Editor

HOYA ConBio's (Fremont, Calif.) MedLite C6 and RevLite are two Q-switched Nd:YAG lasers that easily and effectively treat a wide-range of aesthetic indications which results in high patient satisfaction and attracts new clients.

David Boles, D.O., a family practitioner in Clarksville, Tenn., has been using the multi-wavelength MedLite C6 for three years, primarily for tattoo removal, skin rejuvenation and removal of pigmented lesions (melasma and other brown spots). For tattoo removal, the 1064 nm wavelength – or other wavelengths depending on ink color – is used once every two months for a total of six to ten treatment sessions. "However, if the ink is black only, removal can occur in fewer sessions," he said. "The MedLite C6 is the state-of-the-art, gold standard for tattoos. I've had extremely good results."

Dr. Boles, who is also the medical director at Bella Medical Spa, attributes part of the MedLite's success in tattoo removal to the innovative PhotoAcoustic technology which harnesses energy to gently vibrate and shatter the tattoo ink. The flat-top beam profile of the MedLite C6 is also critical to treatment success – there are no hot spots or spikes, thus minimizing damage to the epidermis.

Superficial fine lines and acne scarring can also be efficaciously treated with the 1064 nm wavelength of the MedLite C6. Settings include a 6 mm handpiece and between 2 to 3.5 J/cm². "We usually do two passes, depending on the tissue response," Dr. Boles

explained. Most patients schedule six treatments, two weeks apart. "Results are good and patients can return to work immediately," he said. "The chance of bruising is very minimal. Erythema is slight." For spot removal the 532 nm wavelength is ideal.



Richard Burgmeier, M.D.
Perfect Skin Laser Center
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"I also attain excellent results using the RevLite to treat pigmentation, melasma and skin resurfacing."

Built on the same foundation as the flagship MedLite, "the newer RevLite is a lot faster and quite a bit more powerful (up to 60% more)," noted Richard Burgmeier, M.D., who practices aesthetic medicine at the Perfect Skin Laser Center in Tempe, Ariz. This laser also features a unique pulse duration and an intuitive touch screen.

Dr. Burgmeier noted that tattoo treatments with the RevLite do not cause

bleeding and that skin heals quickly. "I've had patients call to tell me they didn't feel their treatment was effective because they did not experience any scabbing or blistering," he said. "Patients are amazed that their tattoos disappear with minimal trauma to the skin." The typical treatment protocol is one session every 6 to 12 weeks, with a total of about eight treatments. "Results are fantastic," he conveyed.

Dr. Burgmeier also attains "excellent results using the RevLite to treat pigmentation, melasma and skin resurfacing. The RevLite is a nice way to treat the hyperpigmentation over several sessions," he said. For skin rejuvenation, the laser stimulates collagen production and results in smaller pore size. After a package of six sessions spaced every one to two weeks, "there is a more even texture and tone," he said.

Hair removal, especially for women with facial hair, is rapid with the RevLite laser, according to Dr. Burgmeier. Men with dark skin can also undergo laser waxing on their full chest and abdomen in around 15 minutes. "This is almost a painless procedure and very effective. The guys just love it," Dr. Burgmeier said. "Overall, treatments with the RevLite are incredibly safe."



Melasma before Tx
Photos courtesy of Richard Burgmeier, M.D.



After three RevLite treatments