

Lumenis' M22 Multi-Application Platform Streamlines Practices

By Sean McKinney, Contributing Editor



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J. Matthew Knight, M.D.
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Power, portability and versatility characterize the new M22 multi-application platform from Lumenis (Santa Clara, Calif.). Offering Lumenis' proprietary Optimal Pulse Technology (OPT™) and Multiple-Sequential Pulsing, the M22 represents a new modular solution providing a variety of treatment indications. With an Nd:YAG upgrade component available for vascular lesions, leg veins and non-ablative facial wrinkle treatment, this device is an extremely cost-effective solution that is streamlining practices.

"This system has replaced two lasers in my office, which decreases space needed for equipment and maintenance costs," said Tristan Guevara, D.O., of the Skin and Laser Center of Grosse Pointe (Grosse Pointe, Mich.). "This is a major advantage over other devices. I have also achieved a significant cost savings by purchasing this device at a very competitive price point."

"I own several lasers, ranging from CO₂ to pulsed dye to Q-switched tattoo lasers," said J. Matthew Knight, M.D., dermatologist and founder of the Knight Dermatology Institute in Orlando, Fla. "Still; I needed a 'utility' device that could treat a variety of conditions and patients with simplicity. Intense pulsed light (IPL) devices are well known for their therapeutic benefit and I found the M22 exceptionally user-friendly, intuitive and versatile. It is also very portable, so we can easily move it between treatment rooms. It's amazing that we can get this much power from a device with such a small footprint."

At 88 pounds and 18.5 inches tall, the M22 offers a broad range of energy for its size and application. "The M22 delivers everything you'd expect from a multi-application platform, but takes its performance to the next level with accuracy, simplicity and expediency," Dr. Knight noted. "It's designed for expansion,

allowing treatment of multiple skin conditions with one device."

Indicated for more than 30 uses, including skin rejuvenation, permanent hair reduction, age spot reduction and vein erasure, the M22 takes minutes to set up. "It's like buying a computer from Dell," Dr. Knight stated. "Plug it in, press the green button and you're ready to go."

Featuring Optimal Pulse Technology – unique to Lumenis IPL – the M22 achieves significant results after a single session, comparable to three to five treatments with other technologies.

Physicians can deliver the right pulse and fluence for each application, safely and efficiently. By controlling each pulse shape, a variety of skin types can be treated. "I find the M22 safe and effective for skin types I-V while using the Universal IPL and Nd:YAG modules," noted Dr. Guevara. Furthermore, Multiple-Sequential Pulsing enables permanent hair reduction on darker skin and reduces the chance of skin damage in vascular and pigmented lesion treatment.

According to Dr. Knight, the M22's software filter recognition makes IPL treatments error-free by preventing the operator from using the wrong filter on a patient. "The M22 is ideal if you want a powerful IPL device but don't have much experience with lasers."

On the other hand, for an experienced practitioner the M22 and Lumenis' proprietary technology can be used to control all treatment parameters and fully customize fluence, pulse width and pulse sequence. ExpertFilters (515, 560, 590, 615, 640 and 695 nm) are included, as well as the Nd:YAG module upgrade with two spot sizes (2 mm x 4 mm and 6 mm), a wavelength of 1064 nm and continuous contact cooling with computer enabled recognition and SapphireCool Light Guides.