

QX MAX Laser System Treats Wide-Range of Aesthetic Indications



Nina Sheffield, M.D.
Clinical Director
Royal Tunbridge Wells Skin &
Laser Clinic
Kent, UK



Before Tx



After six QX MAX treatments
Photos courtesy of Nina Sheffield, M.D.



Before Tx



After eight QX MAX treatments
Photos courtesy of Nina Sheffield, M.D.

By Ilya Petrou, M.D., Contributing Editor

Typically, the removal of diverse pigmented lesions, as well as tattoos of varying colors and depths has always been challenging. Engineered for truly effective removal of these aesthetic indications, the QX MAX from Fotona (Ljubljana, Slovenia) offers physicians and their patients a treatment solution for a wide-range of pigmented lesions.

Primary treatments with QX MAX include the removal of tattoos, pigmented lesions and birthmarks; however, this system can also effectively address wrinkles, as well as acne and vascular lesions. Equipped with five different laser sources in a single platform, QX MAX is regarded by some experts as one of the most advanced Q-switched laser technologies currently available on the aesthetic market.

"In my experience, the QX MAX is superior to other Q-switched lasers that I have come across," said Nina Sheffield, M.D., clinical director of Royal Tunbridge Wells Skin & Laser Clinic (Kent, U.K.). "No other device offers the full spectrum of frequencies and wavelengths seen in the QX MAX, allowing me to treat a range of indications, effectively and quickly."

According to Dr. Sheffield, the QX MAX features huge power reserves, a multi-frequency option achieving effective removal of all tattoo colors, a large spot size allowing for quicker treatments, unique durability and robustness, a low service track record, as well as a clear and user-friendly control panel and an adjustable handpiece.

"One of the central features of the QX MAX, that is unique to aesthetic laser devices, is its multi-frequency option, underscoring the revolutionary technology powering the device," Dr. Sheffield noted. "Many lasers simply do not have the reserves of power required to remove the

last vestiges of a tattoo; however, the QX MAX's multi-frequency feature, coupled with very high power reserves, helps me effectively treat even the most difficult to remove tattoos."

When treating tattoos, test patches are carried out using the appropriate frequency – typically a 4 mm spot at 1.6 J/cm². Power levels are then increased throughout the treatment session and gauged appropriately, according to the pigment levels, degree of fading and patient sensitivity. Treatments should be carried out at four to eight week intervals, depending on the rate of healing and fading of the tattoo.

"The removal of deeper and professional modern tattoos requires more intense treatments in order to address the typically difficult to treat colors," Dr. Sheffield advised. "If the patient does not experience any of the typical side effects of treatment such as blistering, bleeding and scabbing, then the laser is not powerful enough to remove the tattoo or the settings are too low."

According to the company, safety is a non-issue with the QX MAX, provided that the physician is appropriately trained and abides to the safety parameters of the device. Treatments can be uncomfortable, Dr. Sheffield said, necessitating the use of a local topical anesthetic cream (EMLA) and/or ice, and forced air cooling for more tolerable treatments.

"This is a huge market and the number of devices becoming available geared to address these common indications is growing," said Dr. Sheffield. "I currently have a very large number of patients from all over the world traveling very long distances to be treated with the QX MAX. I find this laser system to be very effective in my patients, particularly in those who require tattoo removal, making the QX MAX my go-to device for this."