



Laser Pigment Reduction

Q-switched Nd:YAG Laser

Before



After



The reduction of pigmented lesions with a laser involves the use of an application of energy delivered in billionths of a second in order to provide a photodisruptive effect that will force the melanin to the epidermis. The displaced pigment will then slough off as the epidermis renews approximately every 28 days.

Pigmented lesion reduction does not require the use of an anesthetic. Results and treatment cycles may vary depending upon the individual characteristics of the lesion. In many cases, a pigmented lesion can be removed in 2-3 treatments with great success.

The use of a Q-switched laser, which is defined by a short pulse duration usually measured in nanoseconds, is a common method of achieving the reduction or removal of lentigo, age/sun spots, melasma, and other similar lesions. A popular modality for this procedure is an nd:YAG laser (1064nm). Many newer systems may feature a dual wavelength output (532nm / 1064nm).

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Call Today For More Information

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