



## Laser Tattoo Reduction

*Q-switched Nd:YAG Laser*

*Before*



*After*



Tattoo reduction 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 tattoo ink or pigment to the epidermis. The displaced ink or pigment will then slough off as the epidermis renews approximately every 28 days.

Laser tattoo reduction does not require the use of an anesthetic. Results and treatment cycles may vary depending upon the color of the tattoo, composition of the ink, and depth of placement within the skin. In most cases, a tattoo can be removed in 6-10 treatments with great success.

Tattoo reduction can be achieved with the use of a Q-switched laser, which is defined by a short pulse duration usually measured in nanoseconds. A popular modality for tattoo reduction is an nd:YAG laser (1064nm). Many newer systems may feature a dual wavelength output (532nm / 1064nm), as different frequencies have different absorption characteristics and may be more effective when used on particular ink colors.

**1 (866) 333-4625**

*Call Today For More Information*

IMAj Institute • 7120 East Indian School Road • (480) 361-8585

[www.imajschool.org](http://www.imajschool.org)