



Case report:

Tattoo removal with Q-Switched LASER

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This is a case report provided by the dermatologist Ana Paula Farias Jorge, from São Paulo, SP, Brazil, using the ETHEREA-MX® platform with the ACROMA-QS® handpiece.

- ▶ Tattoos have become increasingly popular and accessible, and their popularity has been accompanied by growth in the desire to remove them. However, the process is never easy, and the results are variable.
- ▶ Over time, various techniques have been developed to remove tattoos, such as dermabrasion and even plastic surgery (to remove the tattooed skin). However, the method described in the literature with the highest success rate is Q-Switched LASER, with high energy and short pulse time (nanoseconds).
- ▶ The ACROMA-QS® handpiece, which is compatible with the ETHEREA-MX® and ZYE® platforms, works with 20 ns pulses and wavelengths of 1064 nm and 532 nm. It is therefore an effective tool in the effort to reduce the quantity of pigment color, especially black, red and orange pigments.
- ▶ The LASER interaction causes mechanical photodisruption of the ink pigment, breaking it into smaller fragments and allowing phagocytosis by the organism.

ENERGY	SPOT	ENERGY
1 a 4	1064 nm - 5 mm e 3 mm	1200 mj
5 e 6	532 nm 3 mm	900 mj

Interval between the sessions: 1st to 4th monthly sessions; 5th session after three months; 6th session after four months.



Before and after - 6 sessions