



Case report:

Intimate lightening with Q-Switched and Er:YAG LASER

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This is a case report provided by the dermatologist Maria Cecília Siqueira Lombardi, from São João da Boa Vista, SP, Brazil, using the ETHEREA-MX® platform with the ACROMA-QS® and DualMode® handpieces.

- ▶ Darkening in the genital region and groin can occur for various reasons, including: accumulation of sweat, friction with clothing, hair removal with wax or razor, obesity, inflammation of the skin and repeated allergies, among other things.
- ▶ Intimate lightening is a procedure that can be done with different methods, including medications, peeling and LASER. Among the LASER options, Q-Switched stands out. Using this with Er:YAG provides a better result.
- ▶ The ACROMA-QS® handpiece, which is compatible with the ETHEREA-MX® and ZYE® platforms, works in nanoseconds (very fast pulses with high energy), leading to mechanical photodisruption of the pigment, allowing phagocytosis by the organism.
- ▶ The DualMode® handpiece and its wavelength of 2940 nm (Er:YAG), which is also compatible with both platforms, allows more aggressive (in DualMode® - CO2 like) and less aggressive treatment (single pulse). In single mode, working at 400 mtz, it is possible to have pure ablation, with high density, low energy, and without a lot of penetration, for a faster recovery, helping the removal of pigment by extrusion during the healing process.

SESSION	HANDPIECE	SPOT	ENERGY	PULSE TIME
1	ACROMA-QS®	1064 nm - 5 mm	600 mj	20 ns
1	DualMode®	8 mm - 400 mtz	3 mj/mzt	300 micros
2	ACROMA-QS®	1064 nm - 5 mm	600 mj	20 ns
3	ACROMA-QS®	1064 nm - 5 mm	900 mj	20 ns



Before and after - 3 sessions