

Case report:

Rejuvenation of the hands with IPL-Sq® and Er:YAG

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This is a case report provided by the dermatologist Larissa Nicchio, from Colatina, ES, Brazil, using the ETHEREA-MX® platform with the IPL-Sq® and DualMode® handpieces.

- ▶ The hands are exposed to numerous conditions, such as the climate, contact with chemical products and cleaning products. All of this, together with the natural aging process, causes the hands to develop thinner skin and favors the appearance of age spots. Hands can be treated with peeling, filling, LASER and also Intensive Pulsating Light (IPL-Sq®). A combination of technologies can provide faster and more effective results.
- ▶ The light emitted by IPL-Sq® is attracted by the melanin present in the pigmentary lesions, causing the production of heat (selective photothermolysis) and their consequent removal.
- ▶ The IPL-Sq® handpiece, which is compatible with the ETHEREA-MX® and ZYE® platforms, has a wide range of pulse times (5 - 100 ms), 540 nm and 580 nm filters (among others), as well as the possibility of reducing the work area with VascuTips® with cooled Sapphire.
- ▶ The DualMode® handpiece, which is also compatible with both platforms, has a wavelength of 2940 nm (Er:YAG), allowing more aggressive (in DualMode® – CO2 like) and even less aggressive treatment (single pulse). In single mode, working with 1 ms, it is possible to stimulate collagen, with little downtime.

HANDPIECE	SPOT/FILTER	ENERGY/FLUENCE	PULSE TIME
IPL-Sq®	540 nm 40 x 12 mm	14 J/cm2	20 ms
IPL-Sq®	540 nm 8 mm	15 J/cm2	15 ms
DualMode®	8 mm - 100 mtz	20 mj/mtz	1 ms



Before and after – 1 session