



### Case Report:

## Lightening eyebrow micropigmentation with Q-Switched LASER

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**This is a case report** in the form of a white paper by Dr. Fátima Brito, dermatologist, from Recife, PE, Brazil. Dr. Fátima used the **ETHEREA-MX<sup>®</sup>** platform, with the **ACROMA-QS<sup>®</sup>** handpiece.

### Treatment:

- ▶ Micropigmentation of the eyebrows has become an increasingly common procedure for adult women. However, in many cases, errors in performing the technique, or alteration of the initial pigment, have caused unaesthetic results.
- ▶ Removing the pigment is sometimes done by using acids, but the results are slow and often unsatisfactory. As described in literature, the removal method that has the highest rate of success is by Q-Switched LASER with high energy and short pulse time (nanoseconds).
- ▶ The ACROMA-QS<sup>®</sup> handpiece from ETHEREA-MX<sup>®</sup>, works with 20 ns and 1064-nm and 532-nm wavelengths, making it an efficient tool to reduce the amount of pigment color in both micropigmentation and conventional tattoos.
- ▶ The interaction of the LASER will cause photo mechanical disruption of the ink particles, breaking them into smaller fragments, making phagocytosis possible.
- ▶ **Parameters used:**  
Spot size 5 mm, 1064 nm, 600 mJ to 1200 mJ increased gradually as the region became lighter. In this case, whose objective was to lighten the micropigmentation, 3 sessions were performed, with intervals of 30-45 days.



Image 1: Pre-treatment evaluation



Image 2: Post treatment result