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Clinical Bulletin

J. LA&HA, Vol. 2014, No. 1; p. B09.

Treatment of Café Au Lait Using Q-Switched KTP Laser Therapy

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Parameters:

Laser source:	Q-S KTP (532 nm)
Fluence:	1.7 J/cm ²
Spot size:	3 mm
Frequency:	2 Hz

Treatment procedure:

Café au lait spots refer to hyperpigmented lesions that may vary in color from light to dark brown. Although treatment of café au lait spots does usually not represent a medical problem, several lasers have been used to treat café au lait lesions including PDL, Er:YAG and Q-S Nd:YAG.

In the present case, the treatment of cafe au lait using Q-Switched KTP (532 nm) laser is represented. A young female patient with a café-au-lait birthmark on the right side of her face was treated with a QX-MAX laser (Fotona, Slovenia) using low-fluence Q-S KTP. Eye protection was used to protect against the KTP laser beam. First, only the outer part (approx. half) of the lesion was treated. After the laser treatment, a supporting therapy was recommended consisting of the application of Dermamelan cream once a day for 3 months. After a single treatment, significant improvement of the café-au-lait lesion was observed.



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Before



After a single treatment