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Xanthelasma Removal

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Parameters:

Laser System	SP Dynamis
Laser Source	2940 nm
Handpiece	R11
Fluence	5-10 J/cm ²
Spot size	2-3 mm
Mode	MSP-LP
Frequency	5-15 Hz
Anesthesia	Topical

Treatment procedure:

A female patient came to our clinic because she wanted to get rid of her xanthelasma. She had been treated a few years earlier with electrocautery, which only partly removed the fatty deposits. Topical anesthesia containing benzocaine, lidocaine and tetracaine was applied extensively for about half an hour before the procedure. The 2940 nm Er:YAG wavelength was used (SP Dynamis, Fotona) with the above-mentioned parameters. Initially, a larger spot size and higher fluence and repetition rate were used to remove the bulk of the lesions, followed by fine tuning with a lower repetition rate and fluence. The patient reported minimal discomfort. An ointment containing gentamicin was used immediately after the procedure and the patient was advised to continue applying it for the next 2-3 days, about 3 times daily. Later, only repairing cream with dexpanthenol was suggested. At the 5-week follow-up, some redness persisted, which will slowly subside. The patient was very satisfied with the complete removal of her xanthelasma.



Before treatment



Immediately after the treatment



5 weeks after the treatment



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