



LASERS

USE OF DERMOSCOPY ASSOCIATED WITH CO2 LASER IN THE TREATMENT OF XANTHELASMA: CAN BE A GREAT HELP!

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Background: Xanthelasma palpebrarum is a benign periorbital xanthoma with substantial cosmetic and psychosocial burden for patients. Treatment modalities should be considered based on efficacy as well as cosmetic outcome. The carbon dioxide laser was the most commonly reported. All of the laser modalities offered moderate to excellent clearance rates with minimal side effect profiles.

Objective: We report the first case of the literature with the use of dermoscopy as an auxiliary tool in the treatment of xanthelasma with Co2 laser.

Observation: Female patient 39-year-old present with two-years history of yellowish papules in upper and lower palpebral region with clinical diagnosis of xanthelasma. We used the laser in the surgical mode Deka SmartXide Dot laser ® 0,5 Watts and the dermoscopy was used during the procedure to limit the area where the adipose tissue was found. It was possible to visualize a yellowish area of dermoscopy that corresponded to the site to be treated. This area it was to treat more objectively and minimizing the possibility of inesthetic damage with the use of the laser.

Key message : This report demonstrates how a simple tool like dermatoscope can help in the treatment of xanthelasma with the use of CO2 laser.

