PHOTOTHERAPY, PHOTODYNAMIC THERAPY

GRANULOMATOUS FOREIGN BODY REACTION AFTER MESOTHERAPY

Joanna Krzysiek [1] - Aleksandra Kobusiewicz [1] - Andrzej Kaszuba [1] - Aleksandra Lesiak [1] - Joanna Narbutt [1]

Department Of Dermatology, Pediatric Dermatology And Oncology, Medical University Of Lodz, Dermatology, Lodz, Poland [1]

Background: Over the last decades aesthetic medicine has become very popular. The increase in number of these procedures bring a greater risk of occurence of local and generalized side effects. Acting in accordance with pricinples of patient safety, the use of high-quality materials, knowledge about the patient's health and the general experience of a person performing the procedure can minimize this danger. Moreover, it is important to have skills in dealing with such cases.

Observation: This article presents a case of 54-year-old female with local side affects after mesotherapy treated with non-standard method of phototherapy such as FSL-plasma. Full Spectrum Light Plasma is the newest form of phototherapy which covers a broad spectrum of light in the range of 320nm-8000nm emited by plasma arc. The wavelength of light comprise UVA, visible light and and infrared radiation. A synergy of three spectrum of lights brings the posibility to achieve subsidence of many dermatosis expecially when inflammatory. The presented case of 54-year-old female with inflammed nodules on the skin of face and neck was exposed to FSL-plasma with dominant spectrum of UVA and infrared radiation with weekly frequency. After twelve treatments of the phototherapy, complete remission of skin lesions on the face and neck had been observed. With a 2 month history of administration od systemic antibiotics and steroids without any response, FSL-plama was found to be a great achievement in a therapy of granulomatous foreign body reaction developed due to an easthetic procedure.

Key message: As a newest form of phototherapy FSL-plasma can be very effective and alternative way of treatment both in dermatology and aesthetic medicine.