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Efficacy of lasers on pigmentary lesions, telangiectasias, hemangiomas and rejuvenation

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Our purpose was to study the efficacy of the Alexandrite laser and the fractional laser when treating pigmentary lesions, the efficacy of the NdYAG laser (1064 nm) when treating telangiectasias and hemangiomas and the efficacy of the NdYAG laser and fractional laser on rejuvenation. We used the data from our private office from the past five years (2011-2015). We treated 1000 patients with freckles with Alexandrite laser, 200 patients with melasma with fractional laser, 100 patients with post-inflammatory hyperpigmentation with Alexandrite laser and 60 patients with post-inflammatory hyperpigmentation with fractional laser. We also studied the side effects of the therapies. Alexandrite laser had excellent results on freckles, while the combination of chemical peels and fractional laser was satisfactory for the treatment of melasma. Post inflammatory hyperpigmentation had an intermediate response. The recurrence rates were higher in melasma and the side effects were generally minimal. We also treated 500 patients with telangiectasias and 300 patients with hemangiomas with NdYAG laser. As far as telangiectasias were concerned, the results were much better when the face was treated. In contrast, the recurrence rates were much higher when the legs were treated. The results were impressive in almost all cases of cherry hemangiomas. The combination of NdYAG lasers and fractional lasers on a monthly basis had satisfactory results in rejuvenation.

Biography

Maria Voyatzi completed her PhD from the Aristotle University of Thessaloniki, Greece and Post-doctoral studies from the Hospital of Dermatological and Venereological Diseases of Thessaloniki, State Clinic. She has published more than 15 papers in reputed journals and participated in many Hellenic, European and world congresses.

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