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A dual pulse NDYag laser for the management of hyperpigmented body areas

Post Eruptive hyperpigmentation is very common in Middle Eastern women due to their deviated skin type. The pigmentation which affects extra-facial parts is usually difficult to treat locally with creams like the axilla and back. A novel device using two different sets of 1064 nm Nd:YAG laser parameters has been developed in combination with a topical carbon lotion. Following topical local anesthesia, a topical carbon lotion was applied to the area to be treated and a Q-switched frequency-doubled Nd:YAG laser was used first in a quasi-long pulsed mode (a 300-ms pulse width at 1.1–1.5 J/cm²) followed immediately by a Q-switched mode (5-nsec pulse width, 1.5–2.0 J/cm²) using a 7-mm hand piece for both modes. The procedure was well-tolerated. A Pre and every 4 session photo were taken to evaluate the response. Most patients were satisfied with the results, the author will show the causes of these hyper-pigmentations and the procedure will be discussed with pre and post results.

Biography

Sahar Ghannam was graduated in 1983 from Alexandria University Egypt with a Master Degree of Dermatology, Venereology & Andrology in 1986. She received a PhD in 1994 with a thesis on chronological aging, photo aging and ionizing radiation effects on the skin in 1995 a board examination was passed to successfully achieve Doctorate Degree of Dermatology Venereology & Andrology. During that time, she upscaled in the University positions from a Teacher Assistant until Associate Professor in Alexandria University. Since that time, she has been interested in aging and anti-aging procedures. She is a Board Member of the International Society of Dermatologic surgery ISDS and the Executive Director of the International Peeling Society IPS. She is the co-author of the *Chemical Peel* chapter in the 3rd edition of "Surgery of the Skin" published by Elsevier. He has published over 20 scientific papers. She is the Editorial Advisory Board of the *Indian Journal of Dermatology* and the *Journal of Clinical and Aesthetic Dermatology*. She travels a lot lecturing and teaching but also learning.

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