

Abstract

Q-Switched ruby laser therapy of acquired bilateral nevus of Ota-like macules.

Kunachak S, Leelaudomlipi P, Sirikulchayanonta V. Q-Switched ruby laser therapy of acquired bilateral nevus of Ota-like macules. *Dermatol Surg.* 1999 Dec;25(12):938-41. Department of Otolaryngology, Mahidol University, Bangkok, Thailand.

BACKGROUND: Acquired bilateral nevus of Ota-like macules (ABNLM), also called nevus fuscoceruleus zygomaticus or nevus of Hori, is a relatively common disease in Asia. It is refractory to all medical treatment.

OBJECTIVE: To present the first report on the use of Q-switched ruby laser to treat ABNLM.

METHODS: One hundred and forty female patients, ages 19-62 years (mean 39 years), were included in the study. The laser fluence employed was 7-10 J/cm², at a repetition rate of 1 Hz, and with a spot size of 2-4 mm. The number of treatment sessions ranged from 1 to 6 (mean 2.3).

RESULTS: Nine patients were lost to follow-up before complete clearance of the lesions, while in the remaining 131 patients complete clearance was obtained. The only complication was a long-term hypopigmentation, observed in three patients. There was no recurrence at 6 months- 4.3 years (mean 2.5 years) of follow-up.

CONCLUSION: Q-switched ruby laser is an effective and less invasive tool to eradicate ABNLM.