

CASE REPORT

Treatment of Refractory Arcuate Hyperpigmentation Using a Fractional Photothermolysis System

SUNG BIN CHO¹, SANG JU LEE², JIN MOON KANG², YOUNG KOO KIM² & SANG HO OH¹

1Department of Dermatology and Cutaneous Biology Research Institute, Yonsei University College of Medicine, Seoul, Korea and 2Yonsei Star Skin & Laser Clinic, Seoul, Korea

Abstract

This is a case report of a 27-year-old Korean woman with Fitzpatrick skin type IV presenting with refractory arcuate hyperpigmentation, which developed after non-ablative 1450-nm diode laser therapy. The refractory arcuate hyperpigmentation was unresponsive to the use of Q-switched lasers, vitamin C iontophoresis, and a bleaching agent, but was responsive to the Palomar 1540 fractional photothermolysis system treatment.