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Periocular discoloration after using a prostaglandin analog for eyelash enhancement: evaluation with reflectance confocal microscopy.

N Horváth O, Letulé V, Ruzicka T, Herzinger T, Goldscheider I, von Braunmühl T. J Cosmet Dermatol. 2016 Sep 5. doi: 10.1111/jocd.12281.

ABSTRACT

A 32-year-old Caucasian woman was admitted to our outpatient department with periocular discoloration. She applied a serum with the active ingredient isopropyl cloprostenate for enhancing the growth of the eyelashes. The discoloration appeared for the first time when the patient had used the serum and gradually remitted after the discontinuation of use. Confocal laser scanning microscopy revealed small white spots in the perifollicular dermis and in the surrounding dilated vessels, which was reported earlier as a side effect of prostaglandin analogs. © 2016 Wiley Periodicals, Inc. **KEYWORDS:** bimatoprost; eyelash enhancement; isopropyl cloprostenate; periocular hyperpigmentation PMID:27595988 DOI:10.1111/jocd.12281