
Noncoherent-intense-pulsed light for the treatment of relapsing hairy intradermal melanocytic nevus after shave excision.

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Abstract

BACKGROUND AND OBJECTIVE: Few reports about melanocytic lesions treatment by means of noncoherent-intense-pulsed light (NCIPL) have been published. Here we evaluate the clinical results of a relapsing hairy intradermal melanocytic nevus treated with a noncoherent-intense-pulsed light source.

STUDY DESIGN/MATERIALS AND METHODS: A facial repigmented hairy intradermal melanocytic nevus that relapsed after shave excision, received four treatment sessions of a noncoherent-intense-pulsed light source (EpiLight, ESC Medical Systems Ltd, Israel) with the following parameters: 755 nm, a fluence energy of 40-42.5 J/cm², triple mode, a pulse width of 3.8 ms, and a delay of 20 ms, at 4-week intervals.

RESULTS: Complete pigment clearance and hair removal was obtained. We have neither observed repigmentation nor hair regrowth after a 6 month-follow-up. No side effects were documented.

CONCLUSIONS: Noncoherent-intense-pulse light is an effective treatment for hairy-pigmented melanocytic nevus.

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