



PIGMENTATION

TREATMENT OF VITILIGO BY NEEDLING WITH 1% 5 FLUOROURACIL CREAM AND NARROWBAND UVB PHOTOTHERAPY

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Introduction: Vitiligo is a chronic skin condition. The search for an optimal treatment for vitiligo still continues as no single therapy produces predictably good results. Needling with topical 5 fluorouracil cream has been found to be effective in the treatment of stable vitiligo in recent studies.

Objective: To study the efficacy of Needling of small sized stable vitiligo patches with topical 1% 5 Fluorouracil cream followed by Narrowband UVB phototherapy in patients suffering from Vitiligo.

Materials and methods: 19 Vitiligo patients with disease stability of at least one-year duration, with limited number of small vitiligo patches were included in this study. They were subjected to needling with topical 1% 5 Fluorouracil cream every 2 weeks for three months, along with Narrowband UVB phototherapy therapy 3 times a week.

Results: Two patients had complete disappearance of their vitiligo patches. 14 patients showed >75% improvement in terms of repigmentation of the vitiligo patches. Remaining patients showed mild to moderate pigmentation

Conclusions: This method of needling with 1% 5 Fluorouracil cream with NB-UVB phototherapy appears to be a simple, safe, cost effective, and fast method for treating patients with stable, small sized vitiligo.

