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Key words: Vitiligo, Chemical peeling, Phenol.

Background: Vitiligo is a common acquired depigmentation disorder affecting about 1 % of the population. It is due to loss of melanocytes from the epidermis. It can be treated by various medical and surgical options including deep chemical peeling with phenol. In this study, we assessed efficacy of deep chemical peeling using phenol in the form of Baker Jordon solution as a treatment for localized lesions in stable and resistant vitiligo.

Methods: 30 patients with stable resistant vitiligo in the age group (5-60) years were included in this study. The peeling session(s) was performed and the patients were assessed for the perifollicular repigmentation. Then the patients had NB-UVB sessions to enhance melanocytes growth.

Results: out of the 30 patients, 16 patients showed excellent response (53.3%), 6 patients showed good response (20%), 2 patients showed fair response (6.7%) and 6 patients showed poor response (20%).

Conclusion: Our data revealed that deep chemical peeling using phenol was a very effective method in treating vitiligo. The procedure was proved to be safe as only very minor complications developed. It was also very cheap and simple done as an outpatient procedure.