Effect of narrowband ultraviolet B phototherapy on serum vitamin D levels in patients with vitiligo

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Abstract:

Background: Low vitamin D status has been associated with vitiligo. Narrowband ultraviolet B (NB-UVB) therapy has improved vitamin D balance in psoriasis and atopic dermatitis; however, few data are available on such effect in vitiligo and the relationship of vitamin D levels with disease severity and repigmentation. Objective: To investigate the influence of NB-UVB phototherapy on vitamin D status in vitiligo patients. Patients and methods: The serum levels of 25-hydroxyvitamin D were assessed in 28 vitiligo patients before and after exposure to 24 sessions of NB-UVB treatment. Baseline vitamin D levels of patients were compared with those of 20 age and sex-matched healthy participants. Clinical response was evaluated using the vitiligo area scoring index (VASI) scoring system. Results: Insufficient vitamin D levels ( 

Keywords:

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