

PIGMENTATION

THERAPEUTIC RESPONSE IN PATIENTS WITH VITILIGO TEN YEARS AFTER THE INITIATION OF UNCONVENTIONAL THERAPIES IN MADAGASCAR.

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Introduction: Vitiligo is a refractory disease in which treatment modalities are not yet established.

Objective: To assess results obtained ten years after the initiation of therapeutic protocol which combines class I topical corticosteroids, vitaminotherapy (B12 and C) and suppression of microtraumas, in the management of nonsegmental vitiligo in Madagascar.

Materials and Methods: It was a prospective and descriptive study over a period of six years (2011 to 2016) in the Department of Dermatology, Joseph Raseta Befelatanana Antananarivo Madagascar. The diagnosis of vitiligo was based on clinical data. Patients who agreed to follow the treatment protocol, which combined: class I topical corticosteroids (2 applications/day for 10 days, and then in 1 application/day for the following 10 days) , vitamine C 500mg/day for 20 days and vitamin B12 100mg/day for 20 days, were included in the study.

Two successive courses of treatment were made of 10 days apart.

Results: The details of 308 vitiligo patients were analyzed. The mean age of patients was 33,3 years. There was a female preponderance (sex ratio: 0,6). A family history of vitiligo was noted in 46 cases (15%). Localized lesions were frequent (42%), the cephalic regions was affected in 176 cases (57%). Upper, lower limbs and anogenital region were involved in 33%, 36.3% and 18,5% of cases, respectively. The duration of treatment varied from 3 to 18 months.

Excellent repigmentation (more than 60% area repigmented) was noted in 50 patients (65%) aged less than 14 years. Lesions evolving less than 1 year in 111 patients had excellent response to treatment. Localized lesions responded favorably to treatment, with excellent repigmentation in 108 patients.

Conclusion: These results show that this treatment protocol remains the only effective



therapeutic of vitiligo in Madagascar where phototherapy, skin grafting or melanocyte transplantation used in developed countries are not yet available.

