



GENETICS AND GENODERMATOSES

EVALUATION OF MOISTURIZING BATH AGENT FOR SKIN DRYNESS AND ITCHING OF FABRY DISEASE PATIENTS

Hiroshi Yamamoto⁽¹⁾ - Kazuya Tsuboi⁽¹⁾

Nagoya Central Hospital, Lsd Center, Nagoya, Japan⁽¹⁾

Introduction: Fabry disease is a rare congenital metabolic disorder in which glycolipids accumulate due to deficiency of α -galactosidase A. Although enzyme replacement therapy is effective, it does not improve skin dryness or itching.

Material and Methods: We examined the effectiveness and safety of an 8-week treatment with a moisturizing bath agent (Shiseido 2e (Douhet)) for relief of skin dryness and itching sensation in 10 patients with Fabry disease. Skin evaluation, hematological examination, pathological study and a visual analog scale (VAS) questionnaire survey were carried out.

Results: The bath additive improved the VAS scores for itching sensation (4.89 to 1.21) and dryness (5.03 to 1.70), and also improved the skin findings and pathological findings. Hematological examination did not reveal any safety issue.

Conclusion: The moisturizing bath agent was effective for relief of skin dryness and itching in Fabry disease patients.

