

Vitella U and dry skin



SUMMARY

Atopic dermatitis is one of the most frequently occurring chronic inflammatory diseases, and is the most common disease of its kind in children from developed countries. One of the main characteristics associated with the disease is skin barrier disorder. It is caused primarily by changes in ceramide profiles, which are associated with disorders of skin hydration and keratinization. The appropriate selection of emollients intended for external treatment and rehabilitation of the skin prevents and reduces the recurrence of atopic dermatitis. Vitella U contains a complex mix of balanced active ingredients carefully selected by dermatologists, and provides patients with relief from dry skin without side effects.

INTRODUCTION

Atopic dermatitis (AD) is a chronic or chronic relapsing disease. In terms of its morphology and overall course, AD can be characterized as a highly variable inflammatory skin disorder with considerable itching. It is often associated with other early atopic diseases.

In addition to disorders of the humoral and cellular immunity and autonomic nervous system, patients with AD also suffer from seborrhea and reduced sebum production. The skin is dry and sensitive and is prone to further drying and itching if washed excessively. Other causes of dry and sensitive skin may include disorders in the production of epidermal lipids (ceramides) or in the metabolism of essential fatty acids.

This means the choice of appropriate emollients is important for the after-treatment of acute phase AD, and in particular for patients' "maintenance" therapy (reducing the likelihood of relapse).

RESULTS

A total of 153 patients with dry skin were evaluated in a study conducted in the Czech and Slovak Republics. Patients experiencing the disease for the first time as well as those treated in the past were enrolled in the study. Women constituted 70% of all the study subjects. The mean age was 27.3.

The majority of the study subjects were patients with AD, but patients with hyperkeratosis, psoriasis, xerosis, or seborrheic dermatitis were also enrolled (Table 1).

Table 1

Indications for Vitella U	Number of patients	%
Atopic dermatitis	95	62.1
Hyperkeratosis	18	11.8
Psoriasis	11	7.2
Xerosis	15	9.9
Seborrheic dermatitis	5	3.3
Other	9	6.3
Total	153	100

Most of the patients had received treatment in the past, predominantly antibiotics, corticoids, emollients, immune modulators, or a combination thereof (Table 2).

Table 2

Patients treated in the past	Number of patients	%
Antibiotics	2	1.3
Emollients	29	19
Emollients/ATB/Corticoids	9	5.9
Emollients /Immune modulators/ Corticoids	5	3.3
Emollients/Corticoids	24	15.7
Homeopathy	1	0.7
Immune modulators	1	0.7
Corticoids	28	18.3
Not treated	54	35.3
Total	153	100

Vitella U (4% urea, Vitamin A, Vitamin E, panthenol, olive oil) was used for skin regeneration in the patients. Over the course of one month, Vitella U was applied to the affected areas one to three times daily, as recommended by the doctor. A considerable improvement of the lesions occurred in more than 89% of the patients (Table 3).

Table 3

Improvement of lesions after the application of Vitella U	Number of patients	%
Mild	17	11.1
Moderate	73	47.7
Marked	63	41.2
Total	153	100

In addition to the results of the treatment, the occurrence of side effects was evaluated. No side effects were recorded in more than 96% of the patients (Table 4).

Table 4

Occurrence of side effects during the use of Vitella U	Number of patients	%
Mild itching	2	1.4
Irritation of the skin	1	0.7
Reddening of the skin	3	2.1
No side effects	147	96.1
Total	153	100

CONCLUSION

The appropriate selection of emollients is extremely important for patients whose disease is associated with dry skin. The 153 patients in the study mainly suffering from atopic dermatitis were previously treated with antibiotics, corticoids, immune modulators, or a combination thereof, or in some cases were not treated at all. During the study period, all the subjects applied Vitella U to the affected areas 1 to 3 times daily for skin regeneration. Almost 90% of the patients reported a marked improvement in the lesions, and no side effects were observed in more than 96% of the patients. Vitella U, which contains 4% urea plus Vitamin A, Vitamin E, panthenol and olive oil, is an excellent product for patients with dry skin, and its effects have been verified by Czech and Slovak dermatologists.