

# Effect of repair moisturizing foam in the treatment of dry skin of the diabetic foot

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## Background

Dry and cracked skin remains a serious problem for diabetic patients. Skin problems can cause severe problems resulting in wounds on the lower limbs. The treatment and prevention of dry or cracked skin of the foot and lower limbs with a moisturizing product is therefore essential.

## Objective

The purpose of this clinical study was to establish the effect and user friendliness of a new moisturizing foam, **Neuropad Repair Foot Foam**, and compare it with previous treatments.

## Methods

The efficacy and user friendliness of **Neuropad Repair Foot Foam** was reviewed in diabetic patients suffering from diabetic skin problems of the lower limbs. Inclusion: Patients with type 2 diabetes for more than 5 years and with dry or cracked skin. The patient and health care professional (diabetic nurse and podotherapist) filled out a questionnaire to assess the condition of the skin and what kind of treatment the patient was using. A questionnaire was filled out 2, 4 and 8 weeks after treatment with the foam.

## Results

**53 patients, age 68 ±11 years, participated in the study. 70% had used another product before.**

**Effectiveness** by means of improvement in hydration improved in 88%, improvement in skin condition (elasticity and flexibility) in 59% of the participants and reduction of calluses was seen in 57%. (See fig 1)

**User friendliness** was experienced as extremely high. 91% judged the foam to be non-fatty, 88% judged the foam to be absorbed quickly by the skin and 86% indicated that the foam was comfortable to use. (See fig 2)

**Overall on a scale of 0 (low) to 10 (high) the foam was rewarded 8.0.** Previous treatments were rewarded with 6.8 (p<0.001). One patient experienced slight irritation on the foot. No further adverse effects were observed.

## Conclusion

The **Neuropad Repair Foam** has added value as a foot care product for diabetic patients because of its moisturizing, hydrating and exfoliating effects and high user friendliness.

## Evolution of the skin



**Complaints:**

- Continued very dry skin
- Poor moisture control

**Start Foam**



**Results:**

- Rapid and clear improvement in skin condition
- Comfortable in use
- No side effects



**Complaints:**

- Continued very dry skin
- Calluses

**Start Foam**



**Results:**

- Clearly improved skin condition
- Decrease in calluses
- Rapid improvement

fig. 1: Effectiveness

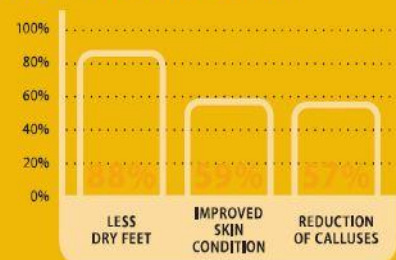


fig. 2: User friendliness

