

Allpresan® pedicare 5 Original Foam Cream proven to reduce sweating of the feet

The potential of Allpresan® pedicare 5 Original Foam Cream to reduce sweating of the feet was examined in a double-blind, randomized and placebo-controlled study with ten test subjects (five test subjects in the verum group; five test subjects in the placebo group) over a time period of four weeks with a subsequent four-week follow-up period, and also in a prospective application observation of 460 test subjects. In addition to reducing sweating of the feet, Allpresan® pedicare 5 Original Foam Cream was proven to display excellent moisturizing effects and to reduce calluses due to its nourishing properties.

Sweaty feet are not only unpleasant, but continuously damp skin also promotes the development of maceration, which in turn increases the risk of infection.

Effectively reduces sweating of the feet

In a double-blind, randomized and placebo-controlled study, it could be shown that application of Allpresan® pedicare 5 Original Foam Cream can effectively reduce sweating of the feet. These results were confirmed in a prospective application observation with 460 test subjects, as well as in a retrospective application observation in which 60 test subjects participated.

Study design

In the study that was based on the aforementioned criteria (double-blind, randomized and placebo-controlled), Allpresan® pedicare 5 Original Foam Cream and a placebo foam cream were applied twice daily over a period of four weeks, with a subsequent four-week follow-up period. The measurement and examination days were directly before initial application, after four weeks of application, and also two and four weeks after application had ceased. The transepidermal water loss (TEWL) was used for assessment of sweat production. In addition, the test subjects were asked to give a subjective description of their sweat production. The nourishing effects of the foam creams were evaluated by determining the skin moisture and also using the subjective description of the skin dryness and callus occurrence given by the test subjects.

The prospective application observation specified an application period of four weeks, with the product being applied twice daily. The predefined questions on the parameters sweat production, skin dryness and callus occurrence were answered once per week.

Results

The results of the controlled study prove that Allpresan® pedicare 5 Original Foam Cream reduces sweating of the feet, skin dryness

and calluses, and also increases skin moisture. These results are confirmed by both the prospective and also the retrospective application observations. The double-blind, randomized and placebo-controlled study shows that after applying Allpresan® pedicare 5 Original Foam Cream for four weeks, sweat production can be reduced by 13 % (Fig. 1).

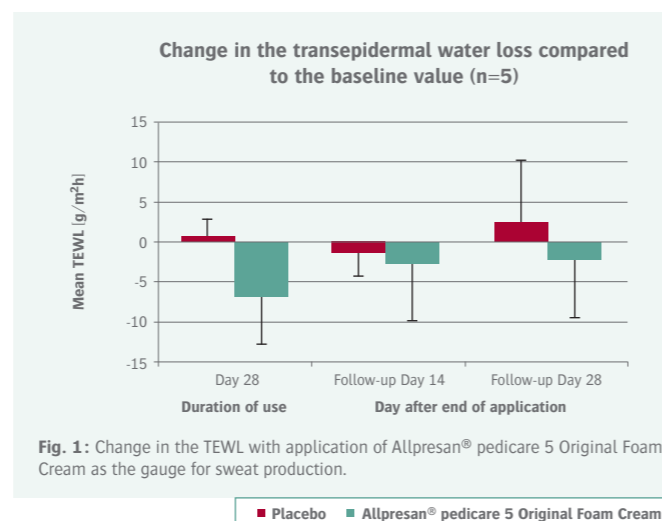


Fig. 1: Change in the TEWL with application of Allpresan® pedicare 5 Original Foam Cream as the gauge for sweat production.



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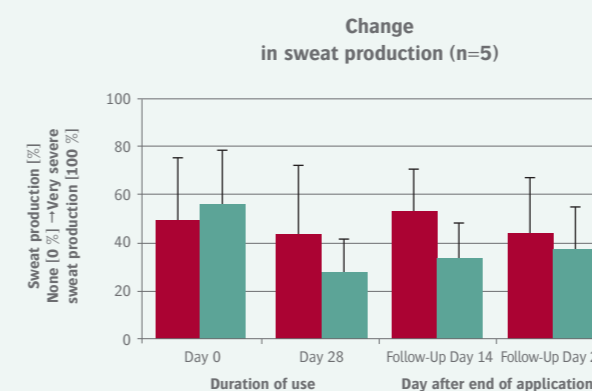


Fig. 2: Subjective assessment of sweat production by the test subjects with application of Allpresan® pedicare 5 Original Foam Cream.



Fig. 3: Subjective description of sweat production by users with application of Allpresan® pedicare 5 Original Foam Cream.

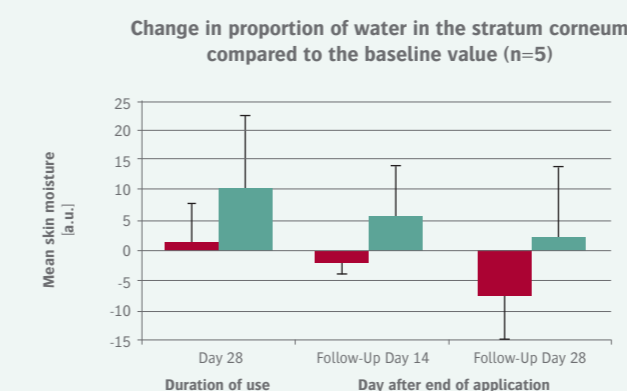


Fig. 4: Change in skin moisture with application of Allpresan® pedicare 5 Original Foam Cream.

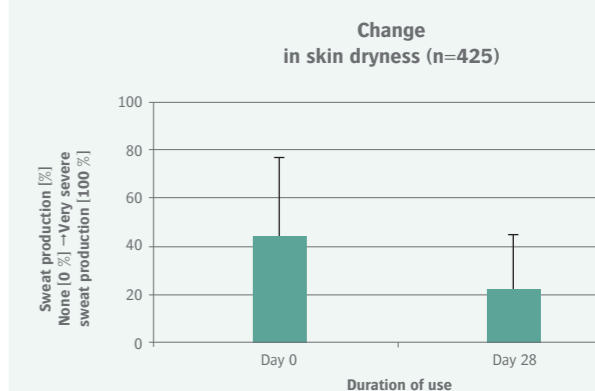


Fig. 5: Subjective assessment of skin dryness by users with application of Allpresan® pedicare 5 Original Foam Cream.

Even four weeks after application of Allpresan® pedicare 5 Original Foam Cream had ended, slight sweat reduction was still noticeable (Fig. 1). The placebo foam cream had no influence on sweat production. The test subjects reported that their sweating of the feet had been reduced by 25 % with application of Allpresan® pedicare 5 Original Foam Cream, while they only reported 6 % sweat reduction with the placebo foam cream (Fig. 2). This data is supported by the prospective application observation. The 459 test subjects who submitted full details for the evaluation of their sweaty feet reported that their sweating of the feet had been reduced by 44 % (Fig. 3). In the retrospective application observation the alleviation of sweaty feet was assessed as being 40 % (data not illustrated).

The skin moisture determined during the study increased by 41 % with application of Allpresan® pedicare 5 Original Foam Cream (Fig. 4). This corresponds to assessments by participants in the application observations. In the prospective application observation a reduction in the skin dryness of 21 % was reported (Fig. 5), this was assessed as being 16 % by participants in the retrospective application observation (data not illustrated).

The study participants reported that calluses had been reduced by 20 % with application of Allpresan® pedicare 5 Original Foam Cream (vs 8 % with placebo application) (data not illustrated). Using the prospective application observation, callus reduction of 21 % was determined, and in the retrospective application observation callus reduction of 14 % was reported (data not illustrated).

Summary

Allpresan® pedicare 5 Original Foam Cream reduces sweating of the feet effectively. It also displays excellent nourishing effects, and thus increases the moisture content of the skin and reduces skin dryness and calluses. Allpresan® pedicare 5 Original Foam Cream is therefore not only limited to reduce sweating of the feet.

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