

## Studies



**Study title:**

**Incorporation of Lipids in the Horny Layer after Two Weeks of Treatment with Eucerin® Dry Skin Lipid Balsam**

**Authors:**

V. Schreiner, C. Gatermann

**Source:**

Beiersdorf AG, Dermatological Documentation (1998)

**Study centre:**

Beiersdorf AG, Paul-Gerson-Unna Skin Research Center, Hamburg, Germany

**Study objective:**

Comparison of the lipid content of the stratum corneum and skin moisture levels in treated and untreated skin

**Test product:**

**Eucerin® Lipid Balsam**, vehicle without cholesterol or triglycerides

**Method:**

- Vehicle-controlled study in atopic patients

**Participants:**

- 12 volunteers, mean age 38.5 years

**Application:**

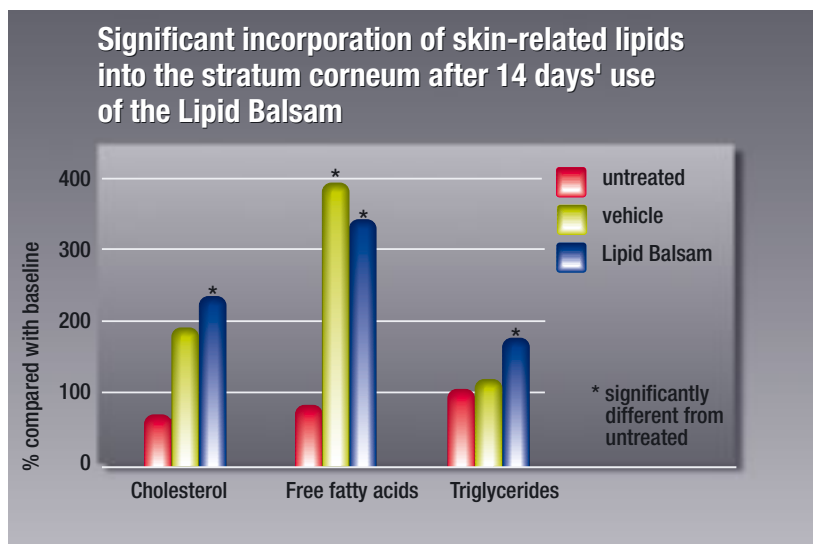
- Twice daily for 14 days, measured 14 hours after the last application

**Test area:**

- Inner forearms

**Result:**

- After 14 days' treatment with **Eucerin® Lipid Balsam**, the cholesterol, triglyceride and free fatty acid content of the skin rose significantly compared with untreated skin.
- The skin moisture content was also significantly increased compared to untreated.



**Conclusions:**

The use of Eucerin® Lipid Balsam significantly increases the lipid content of the skin, as well as skin moisture. The product therefore demonstrably strengthens the skin's physiological barrier function.