

Studies

Study title: **Effects of a Cream Containing 12.5% Evening Primrose Oil on Physiological Parameters in Atopic Diathesis**

Authors: I.M. Jánossy, J.M. Raguz, F. Rippke, H.J. Schwanitz
Source: Z. Hautkr. 70, 498-502 (1995)

Study centre: University of Osnabrück, Department of Health Theory and Dermatology, Germany

Study objective: Clinical and biophysical documentation of the skincare properties of **Eucerin® 12% Omega Cream** in patients with an atopic predisposition and dry skin



Test product: **Eucerin® 12% Omega Cream**

Method:

- Controlled in-use study

Participants:

- 20 patients

Diagnosis:

- Dry skin with atopic predisposition

Application:

- 3 weeks, twice daily

Test area:

- Right lower leg (left lower leg as untreated control area)

Result:

- Skin smoothing, skin compatibility and skincare properties were overwhelmingly evaluated by the patients as “good” or “very good”.
- A significant increase in the sebum content was observed in the treated areas.
- At the final examination, transepidermal water loss (TEWL) was found to be significantly lower in the treated areas than in the control areas.
- In 17/20 of the patients, the clinical finding was markedly better in the treated areas than in the untreated areas.

Conclusion: **Eucerin® 12% Omega Cream is very suitable for the care of atopic dry skin. The barrier function of the skin is strengthened and trans-epidermal water loss reduced.**