

## Studies

**Study title:**

**Efficacy of Urea Therapy in Children with Ichthyosis**

**Authors:  
Source:**

W. Küster, K. Bohnsack, F. Rippke, H.-J. Upmeyer, S. Groll, H. Traupe  
Dermatology 196: 217-222 (1998)

**Study centre:**

Multicentric, Germany

**Study objective:**

Documentation of the efficacy and skin compatibility of **Eucerin® 10% Urea Lotion** in children with ichthyosis



**Test product:**

**Eucerin® 10% Urea Lotion**

**Method:**

- Randomized, placebo-controlled double blind study with contra-lateral comparison

**Participants:**

- 60 patients (aged 1 to 16)

**Diagnosis:**

- Ichthyosis

**Application:  
Test area:**

- 8 weeks, twice daily
- Arms or legs, where in every case one body side was treated with lotion containing urea, the other with a urea-free lotion (vehicle). On each side an untreated area was left as a control.

**Result:**

- The efficacy of **Eucerin® 10% Urea Lotion** was evaluated by the doctors as "good" to "very good" in 79% of the patients.
- The improvement in the symptoms was significantly better with **Eucerin® 10% Urea Lotion** than with the urea-free vehicle.
- Skin compatibility was evaluated by the study physician and the patients as "good" to "very good" in 98% of the cases.
- The cosmetic properties were evaluated by over 80% as "good" to "very good".

**Conclusions:**

**Eucerin® 10% Urea Lotion is very suitable for treating large skin areas in children with various forms of ichthyosis.**