

THE EMOLLIENT XERACALM AD BALM PROTECTS THE SKIN FROM S. AUREUS PROLIFERATION AND PRESERVES MICROFLORA BIODIVERSITY

EAU THERMALE
Avène
LABORATOIRE DERMATOLOGIQUE

An imbalance

of skin microflora is known to play a key role in exacerbations of atopic dermatitis.



54
CHILDREN
1 - 4 YEARS OLD
MILD AD

ASSESSMENT

- SCORAD, xerosis, pruritus
- Skin barrier function
- Skin microflora biodiversity

The aim of the study

is to evaluate the effect of the emollient Xeracalm AD on skin microbiota, clinical parameters and skin barrier.



28
DAYS
OF APPLICATION
TWICE DAILY

XERACALM AD
+ Hygiene product
N = 28

or

CONTROL
Hygiene product only
N = 26

Assessment at



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XERACALM A.D

Twice-daily application of the emollient
XERACALM AD balm in children with mild atopic dermatitis
improves skin microbiota, clinical parameters and skin barrier



SKIN MICROBIOTA

S. aureus

No proliferation

versus x 6.5 in the control group

at D28*

S.epidermidis

Stable

in both groups

at D28*

Skin microflora diversity

Stable

in both groups

Shannon index H0 = 2.3 at D28



CLINICAL PARAMETERS

SCORAD

-48%

versus -19.7% in the control group

at D28*

Pruritus intensity

-75%

versus -36% in the control group

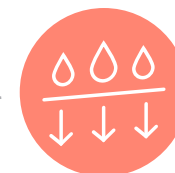
at D28*

Xerosis

Absent for **21.4%** of patients

versus 4% in the control group

at D28*



SKIN BARRIER

Transepidermal water loss

-32%

versus unchanged in the control group

at D15*

Involucrin expression

-37%

versus unchanged in the control group

at D28*

*Statistically significant