

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



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

**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

**CONTROL**  
Hygiene product only  
N = 26

Assessment at

**DO D15 D28**



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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

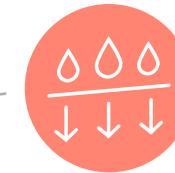
at D28\*

### 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