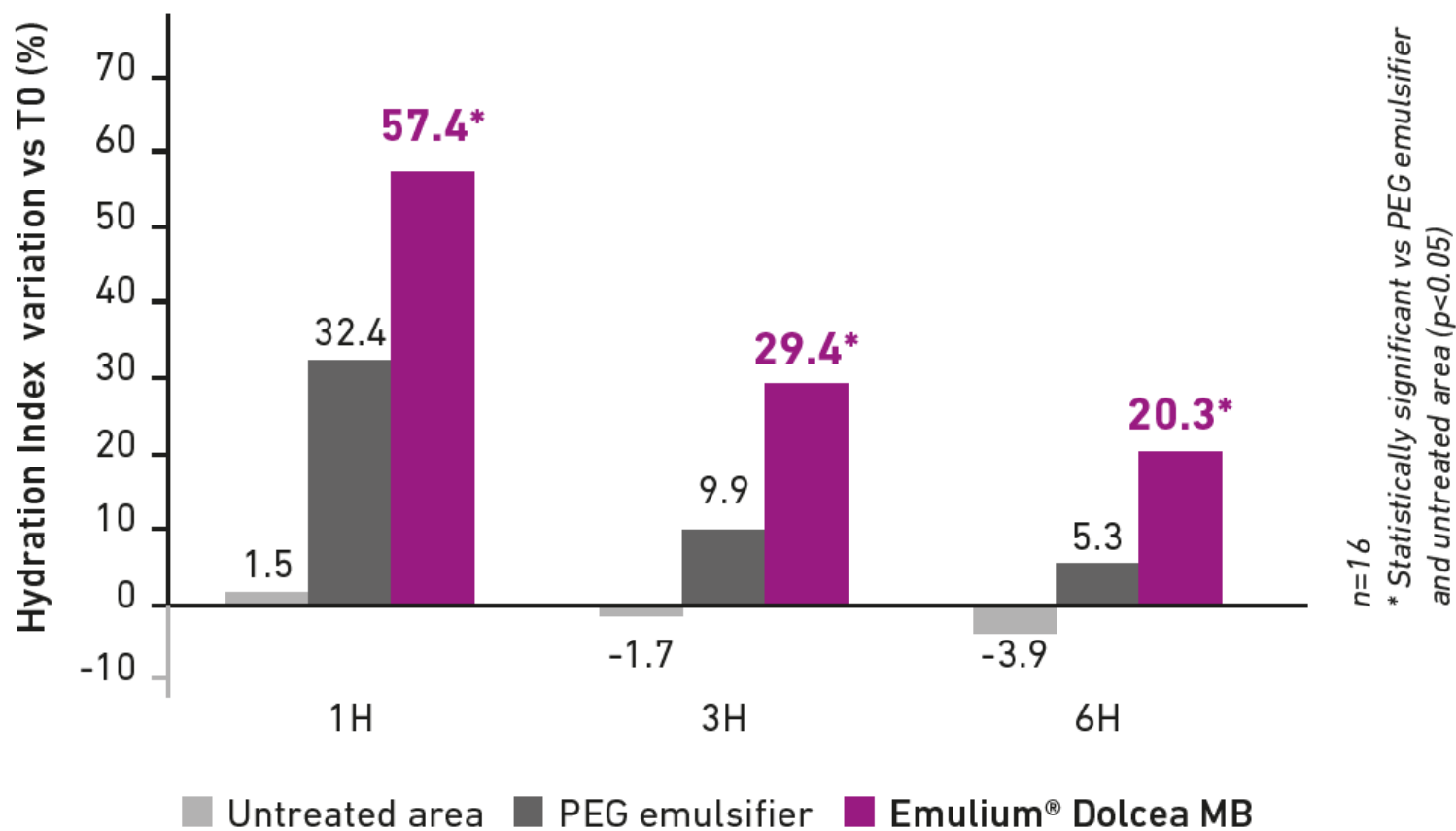


CLINICAL EVALUATION

IMMEDIATE MOISTURIZATION

A first corneometry test has been performed on 8 panelists to highlight the moisturizing effect of Emulium® Dolcea MB, compared to a PEG emulsifier (both used at 4% in a simple emulsion) and versus an untreated area.

Results showed that a single application of Emulium® Dolcea MB significantly improves skin moisture level, compared to a conventional emulsifier.



CLINICAL EVALUATION

INTENSE & DURABLE MOISTURIZATION

The polyglycerol-plant wax butter protects the skin from dehydration. It enables maintaining proper moisturization over a long period of time and improves the capacity of the skin to hold water.

A natural and simple emulsion containing 4% of Emulium® Dolcea MB was tested on a panel of women with dry skin (or with skin that is prone to dryness).



STUDY DESIGN

- ✓ Open study, before/after in France
- ✓ On the entire face and on the forearms (treated vs. untreated)
- ✓ Under dermatological control



EVALUATION TIME POINTS

- ✓ After **one application** (self-assessment)
- ✓ **D7**: after one week of use
- ✓ **D28**: long term effect
- ✓ **D28+24h, +48h**: skin moisture remanence



PANEL

- ✓ Caucasian women (phototypes II and III)
- ✓ 30-62 years old
- ✓ Face: skin that is dry or prone to dryness (HI < 65 a.u.)
- ✓ Forearm: dry skin (HI < 50 a.u. in the inner part)

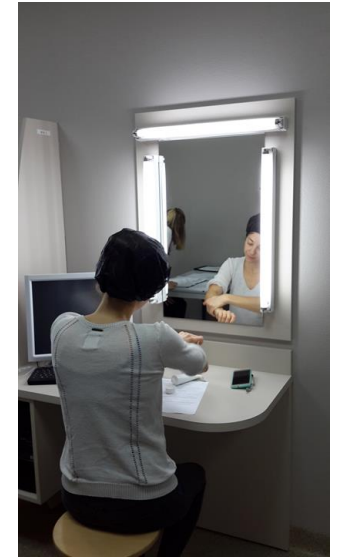
PROTOCOL

Application of the cream

- ✓ Twice-a-day, by the volunteer herself, in normal conditions of use
- ✓ Entire face + 1 forearm depending on randomization, the second one being not treated (control)
- ✓ First application at D0: at the evaluation center, under the control of the laboratory personnel
- ✓ Last application before the evaluation: **in the evening before D7 and D28**

Skin moisture remanence

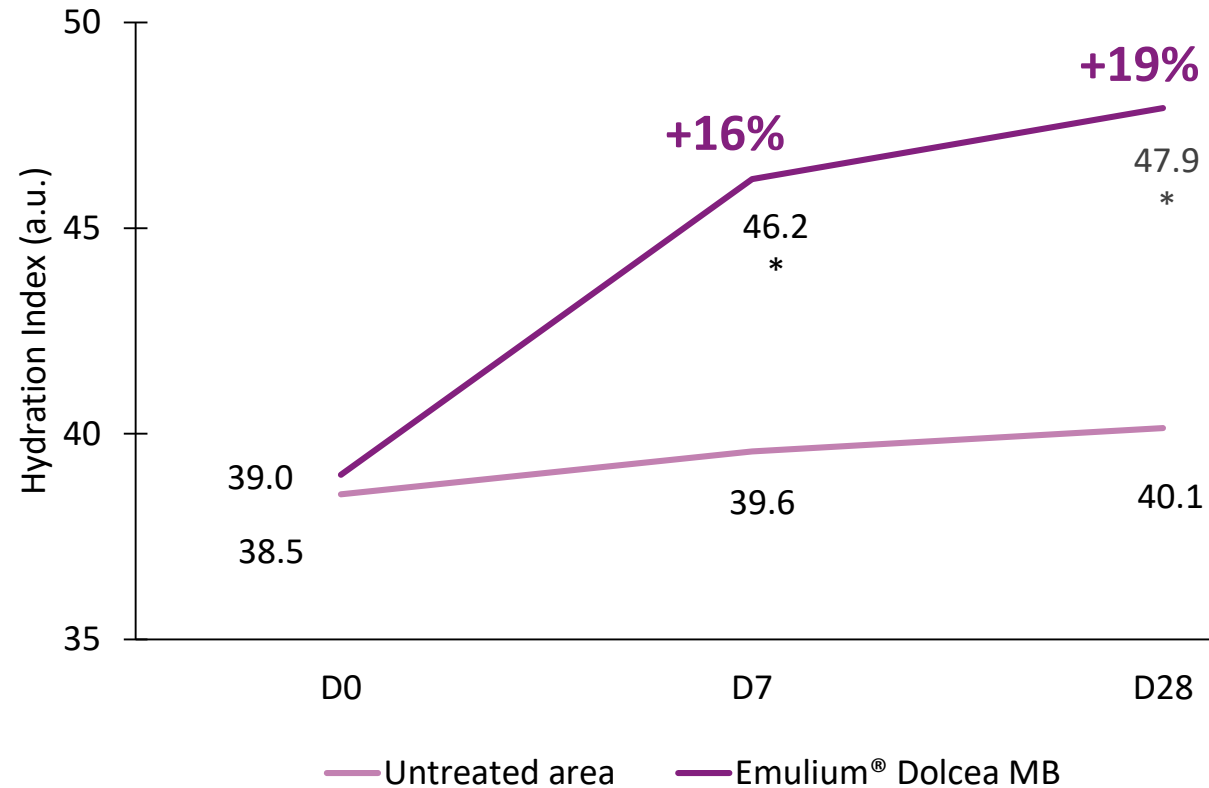
- ✓ Single application on the forearm at D28, in the morning, at the evaluation center (after all evaluations have been completed)
- ✓ During the next 48 hours: only water is authorized on the forearms



CLINICAL EVALUATION

LONG TERM MOISTURIZATION

Skin hydration levels were measured by corneometry before application (D0), after one week (D7) and at the end of the study (D28).

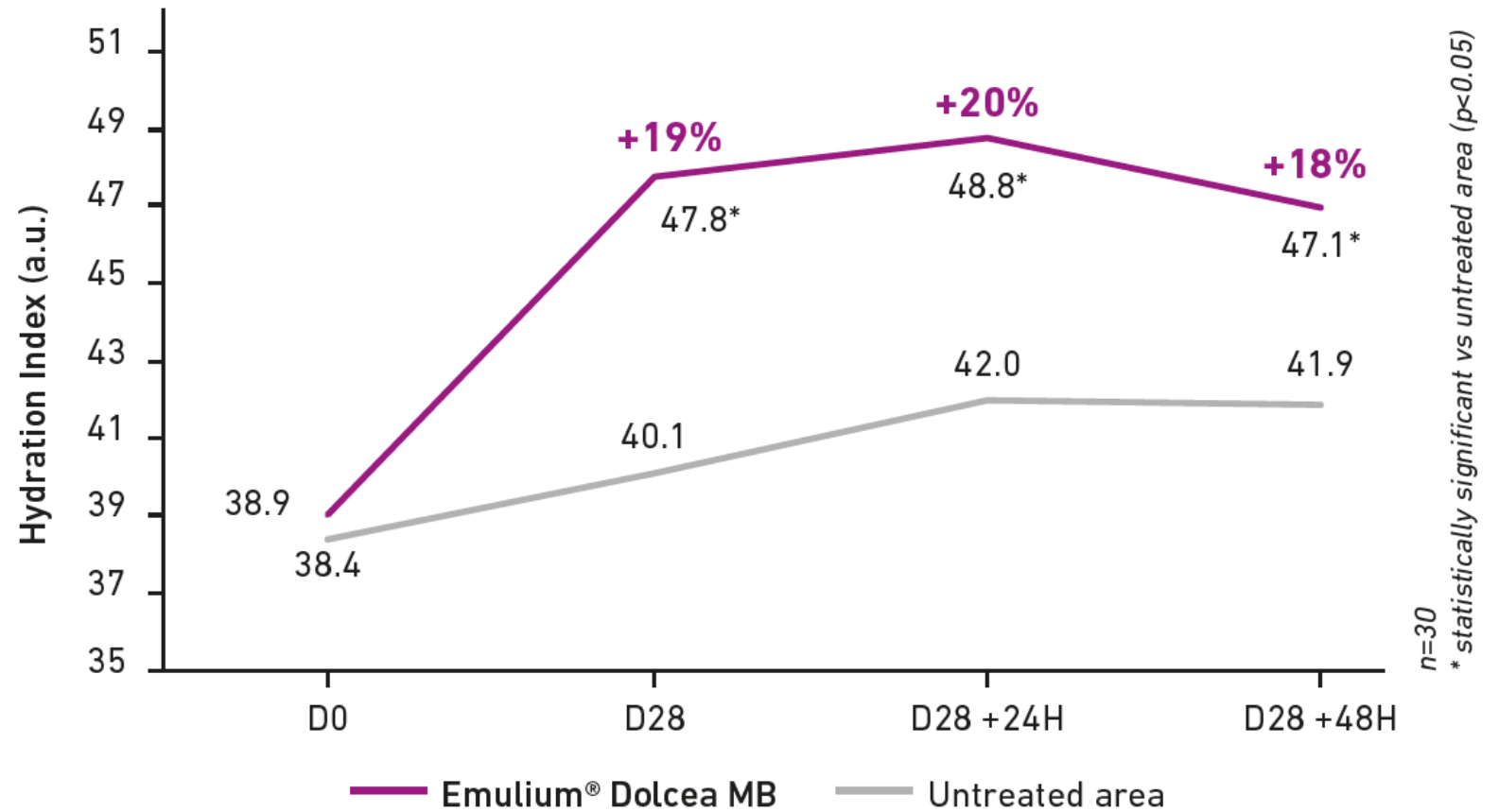


n=33
* statistically significant vs untreated area p<0,05
x% : percentage of improvement vs D0

CLINICAL EVALUATION

48H MOISTURIZATION

Corneometry measurements were performed 24h and 48h after the last application to assess the skin moisture remanence.

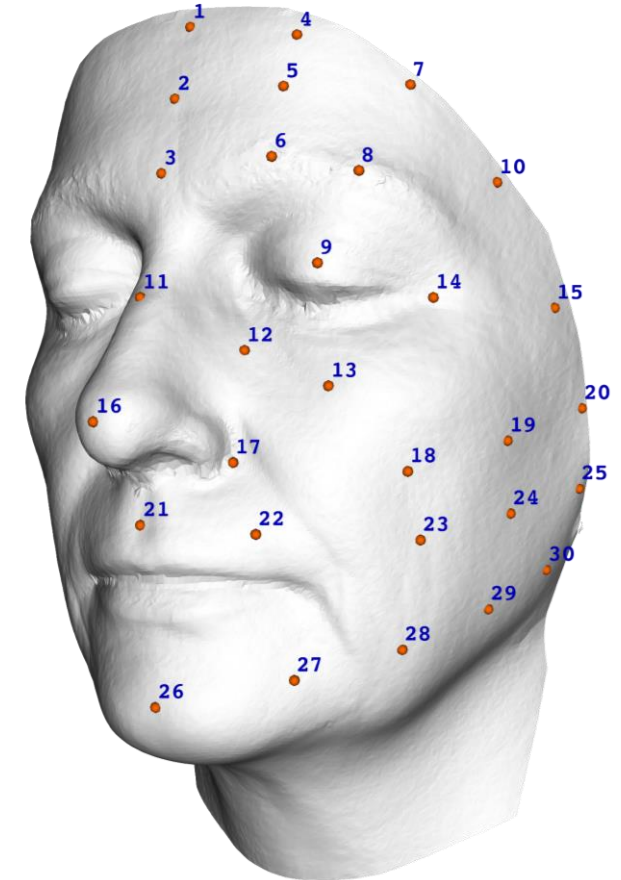


CLINICAL EVALUATION

OPTIMAL WATER DISTRIBUTION

A hydration mapping was performed on 23 panelists to visualize the hydration index throughout the face.

30 corneometry measures have been done on half of the face at D0, D7 and D28 for each volunteer. 3D acquisitions have been performed using fringe projection (AEVA) to visualize the hydration homogeneity on a mean face.

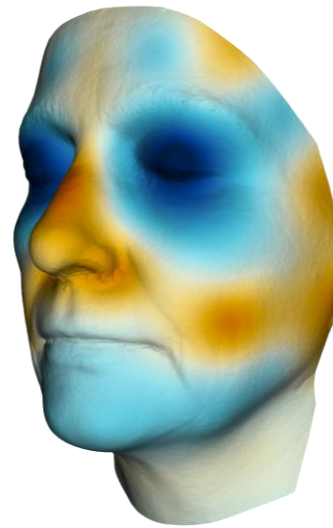


CLINICAL EVALUATION

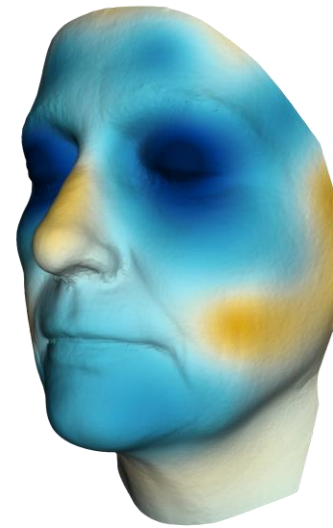
OPTIMAL WATER DISTRIBUTION

A clear improvement of the moisture level of the skin is visible from just one week of use.

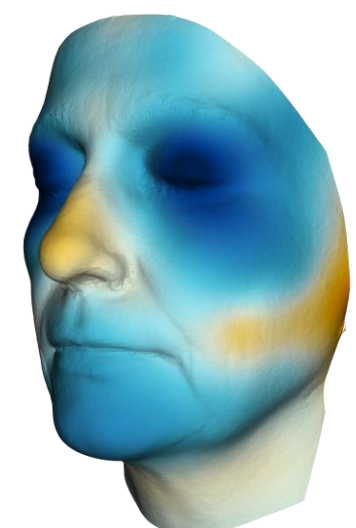
The skin moisturizing level is homogeneously improved on the whole face.



D0



D7



D28



CLINICAL EVALUATION

ACCLAIMED BY CONSUMERS

Self-assessment scoring was performed on 33 panelists after the first application, at D7 and D28. A satisfaction questionnaire was also filled-in after one week and at the end of the test.

The moisturized and smooth aspect of the skin were improved, as well as its comfort. The skin is smoothed, comfortable and luminous.

JUST AFTER THE FIRST APPLICATION

Moisturized aspect of the skin

+44%

Skin comfort

+50%

Smooth aspect of the skin

+31%

Skin quality

+20%

ON BARE SKIN

D7

D28

Moisturized aspect of the skin

+32%

+46%

Skin comfort

+37%

+43%

Smooth aspect of the skin

+23%

+33%

Skin radiance

+23%

+37%