

M89PF CONTAINS VICHY VOLCANIC MINERALIZING WATER AND PROBIOTIC FRACTIONS AND IS BENEFICIAL IN FACIAL SKIN STRESSED BY ABLATIVE PROCEDURES AND FACIAL SKIN MANIFESTATIONS: RESULTS FROM AN OBSERVATIONAL STUDY PERFORMED IN SOUTHEAST ASIA

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INTRODUCTION

Acute and repeated exposure to exposome factors defined as any disturbance to the skin may cause stressed skin.

Clinical manifestations of stressed skin include dryness, erythema, irritation as well as pruritus, erythema, pale skin and flares of inflammatory skin conditions.¹⁻⁶

New formulations are required to counteract the effects of acute stress on the skin.

M89PF contains Vichy volcanic mineralizing water, probiotic fractions of *Vitreoscilla filiformis*, hyaluronic acid, niacinamide and tocopherol. It has been developed to repair the natural skin barrier and to reinforce skin defenses against acute exposome factors and stress.^{7,8}

OBJECTIVE

To assess the benefit of M89PF in subjects from Vietnam and Thailand having undergone dermatological procedures on the face or who presented with facial dermatoses caused by acute exposome factors, including medication.

MATERIAL AND METHODS

- Subjects aged above 18 years having undergone facial dermatological procedures or presenting with facial dermatoses caused by acute exposome factors.
- M89PF was applied for 4 weeks, 1, 2 or more than 2 times/day.
- Data collected included demographics, reason for use, erythema, dryness irritation, and skin hydration as well as dryness, burning/itching/stinging/tingling sensation and skin pain, soothing capacity of M89PF, investigator and subject satisfaction and local tolerance.

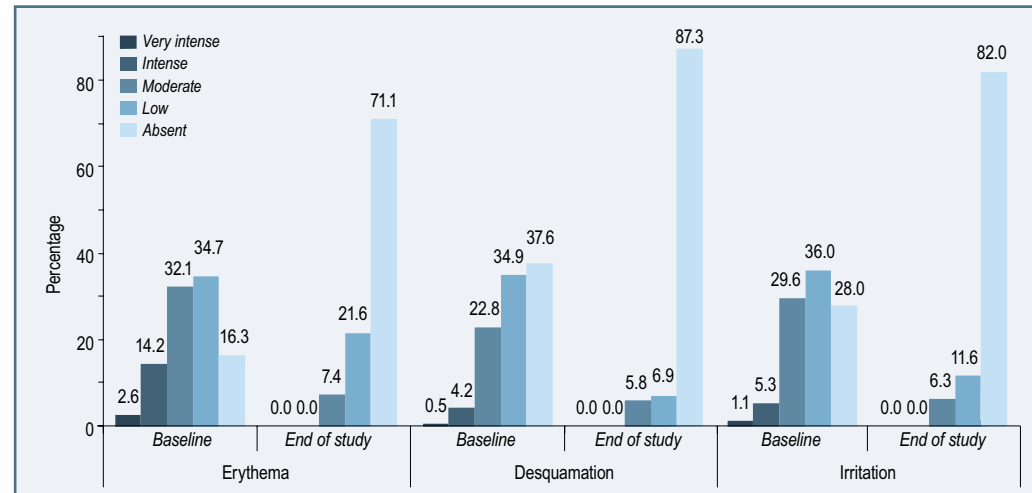
RESULTS

- Data from 202 subjects (women: 83.7%), aged 33.5±10.8 years were analyzed.
- Post-procedure use of M89PF accounted for 81.7%.
- 48.1% of subjects had at least moderate erythema, 27.9% at least moderate desquamation, 34.9% at least moderate irritation and 55.5% had insufficient or not at all hydrated skin.
- After 4 weeks of daily use of M89PF
 - A significant ($p<0.0001$) percentage of subjects showed improved erythema (86.2%), desquamation (86.4%), irritation (87.5%) and skin hydration (65.3%)
 - The skin was soothed in 97.0%
 - Symptoms had significantly ($p<0.0001$) improved.
 - Subject and investigator satisfaction was very high (>92%).
 - Local tolerance was very good.

CONCLUSION

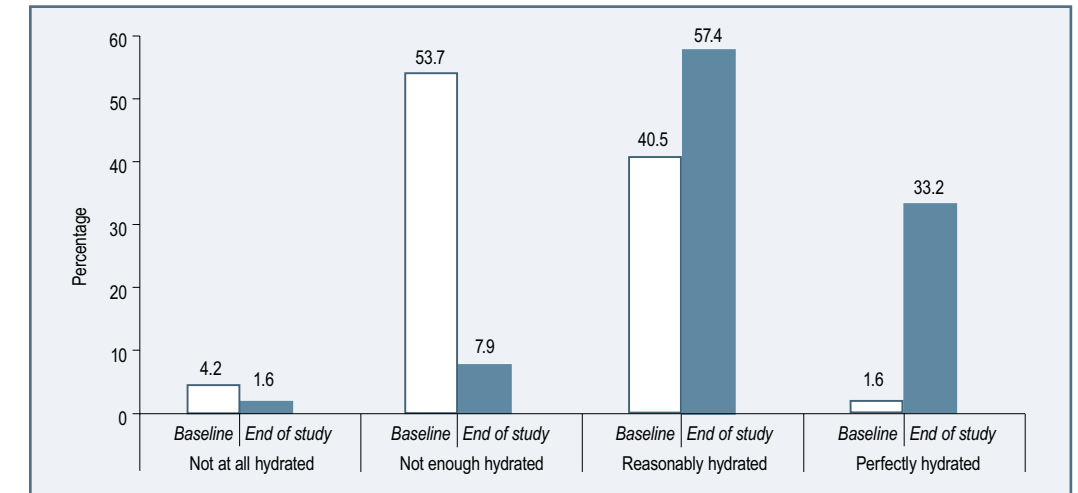
- M89PF:**
- significantly reduces clinical signs of stressed skin after dermatological procedures and in facial dermatosis when used as monotherapy or adjuvant to treatments after 4 weeks of daily use.
 - provides a high clinical benefit and is very well tolerated.
 - is highly appreciated by the investigators and subjects.

EVOLUTION OF THE SEVERITY OF CLINICAL SIGNS



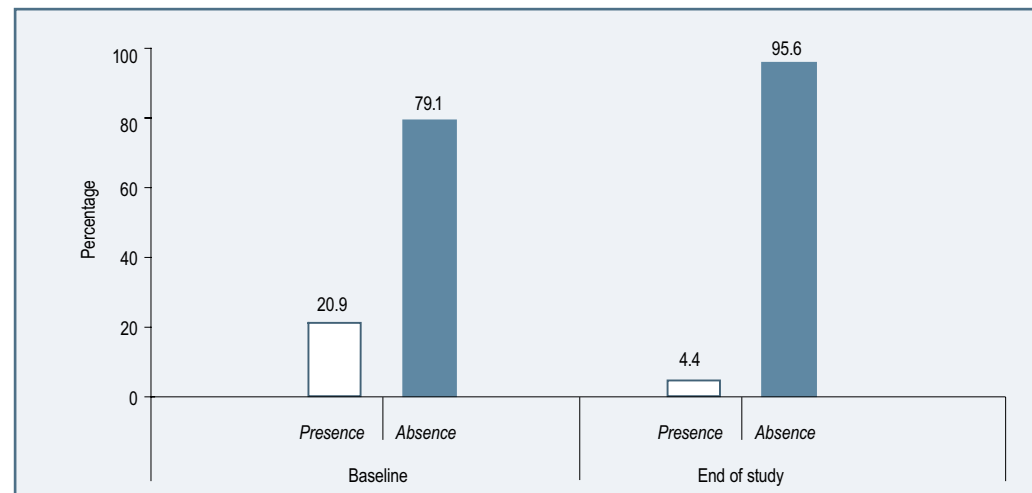
The number of subjects with a low or absent severity of clinical signs had significantly ($p<0.0001$) increased for all signs.

SUBJECT-REPORTED SKIN HYDRATION STATUS



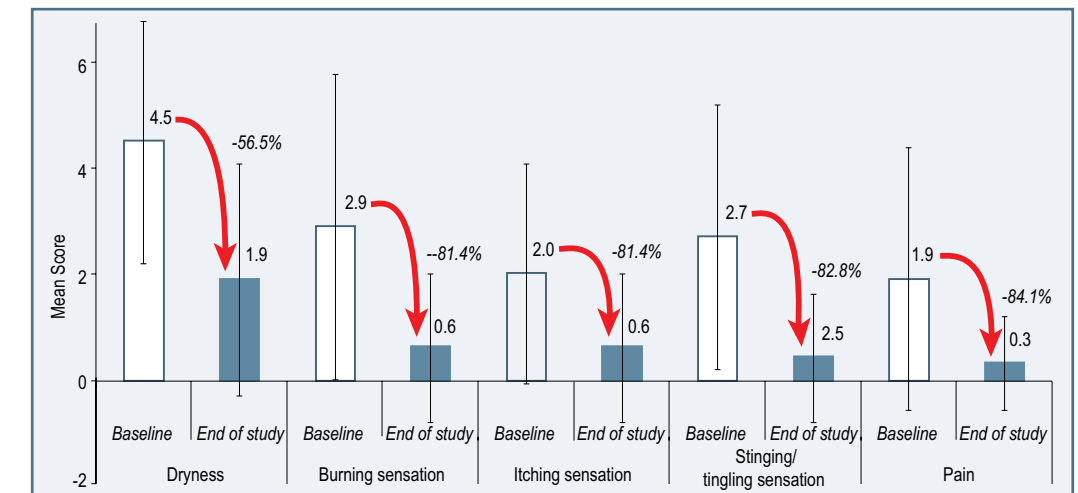
The number of subjects with an improved skin hydration had significantly ($p<0.0001$) increased at the end of the study compared to baseline.

PERCENTAGE OF SUBJECTS WITH PAPULES AND PUSTULES



The difference between baseline and end of the study was statistically significant ($p<0.0001$)

SYMPTOM SEVERITY SCORES ON A VAS FROM 0 TO 10



All subject-reported symptoms had significantly ($p<0.0001$) improved at the end of the study.

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