

EFFICACY AND TOLERABILITY OF A CREAM CONTAINING A POSTBIOTIC ACTIVE INGREDIENT DERIVED FROM THERMAL SPRING WATER IN SENSITIVE SKIN: DATA FROM A POST-COMMERCIALIZATION STUDY IN US

Gautier Doat, Aline Stennevin.

Laboratoires Dermatologiques Avène, Pierre Fabre Dermo-Cosmetics & Personal Care, Lavour, France.

Disclosure: This study was supported by Laboratoires Dermatologiques Avène, Pierre Fabre Dermo-Cosmetics & Personal Care.

INTRODUCTION

Sensitive skin is a common dermatological concern. 44% of the global population declare having sensitive skin¹ with a significant subjective component that impacts quality of life (QoL). This study aimed to evaluate the efficacy, tolerability and impact on QoL of a cream containing the postbiotic extract AVI3-G3 of Avène thermal spring water in American patients with sensitive skin.

METHODOLOGY

This international, real-world, prospective, multicentric and observational study was conducted by 392 dermatologists and in 13 countries located in the Americas and Europe. We focused here on the US results.

Targeted population: patients with sensitive skin due to isolated constitutional factors (IC), related to a pathology (PATH) or/and resulting from a dermatological procedure (DP).

Visits: two site visits were planned (baseline and 2 to 3 months).

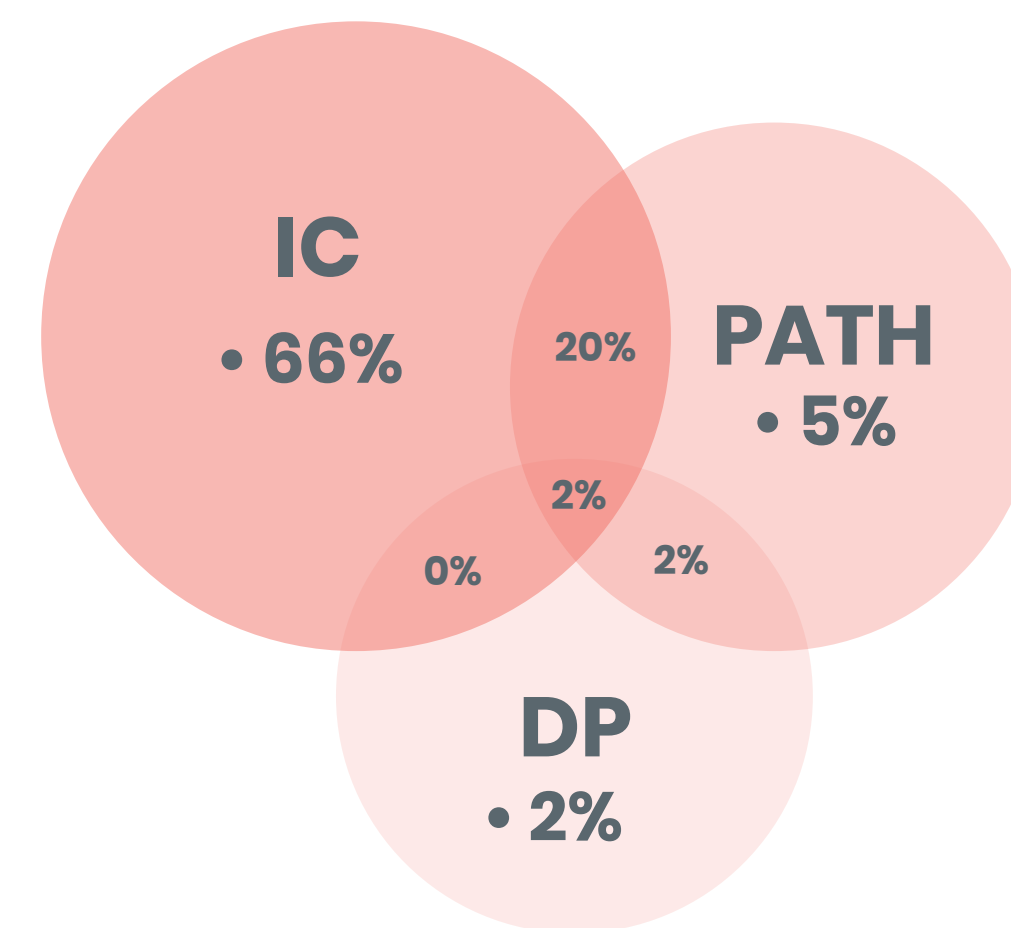
Study product: the study product was applied 1 or 2 times per day according to usual practice of dermatologists and used as a firstline treatment.

Assessment: immediate and long-term effects on perceived skin sensitivity (using sensitive scale²), QoL and overall satisfaction by the patients. Xerosis and tolerability were assessed by the investigators.

RESULTS

STUDY POPULATION

From 58 patients included (95% women, 5% men), 41 patients completed the two visits and presented sensitive skin as below:

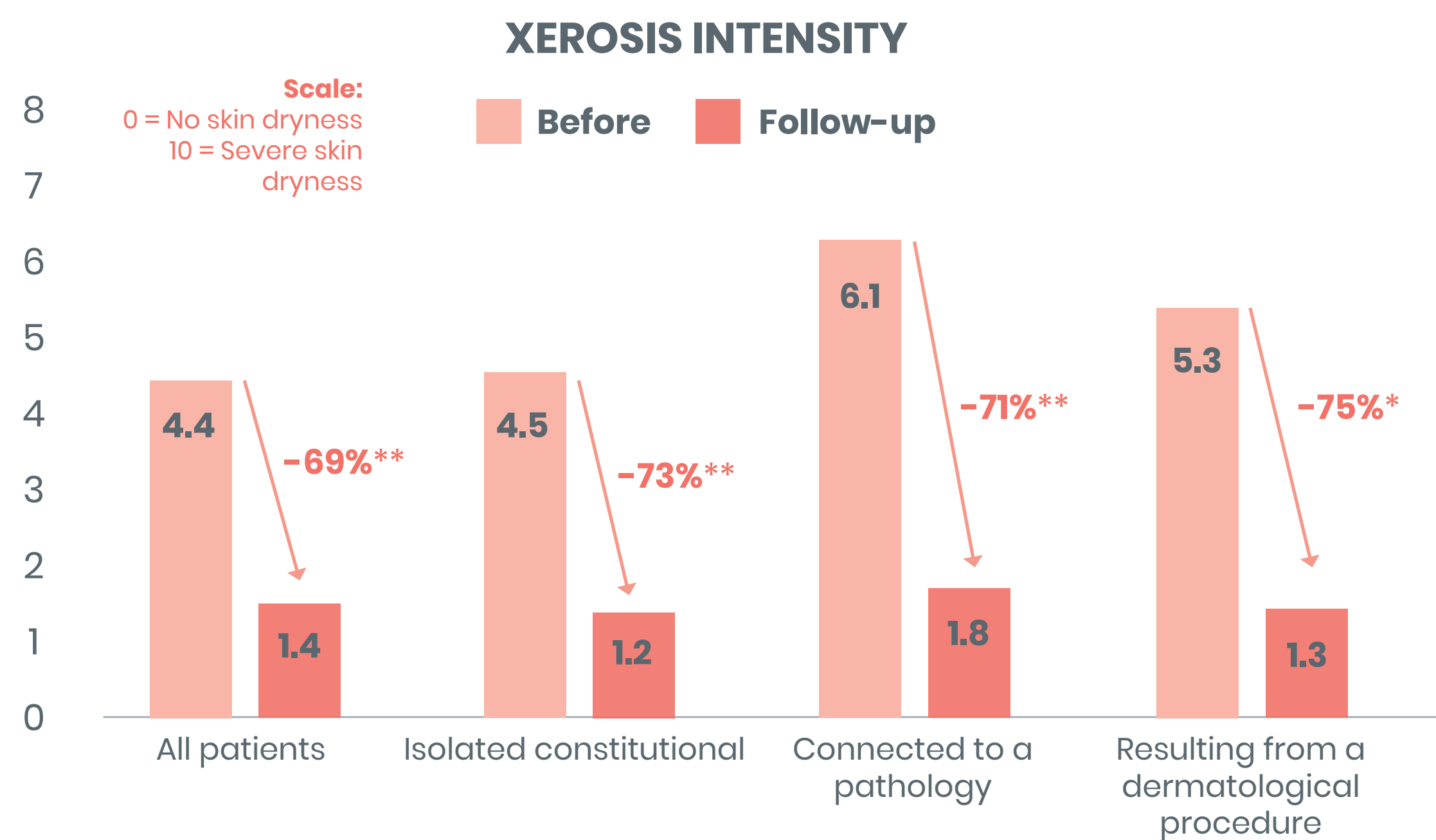


CLINICAL EFFICACY



Improvement in Xerosis:

-69% over 3 months



Tolerance:

Overall tolerability was good to very good, immediately and after three months (100% of doctors).

PATIENT EVALUATION



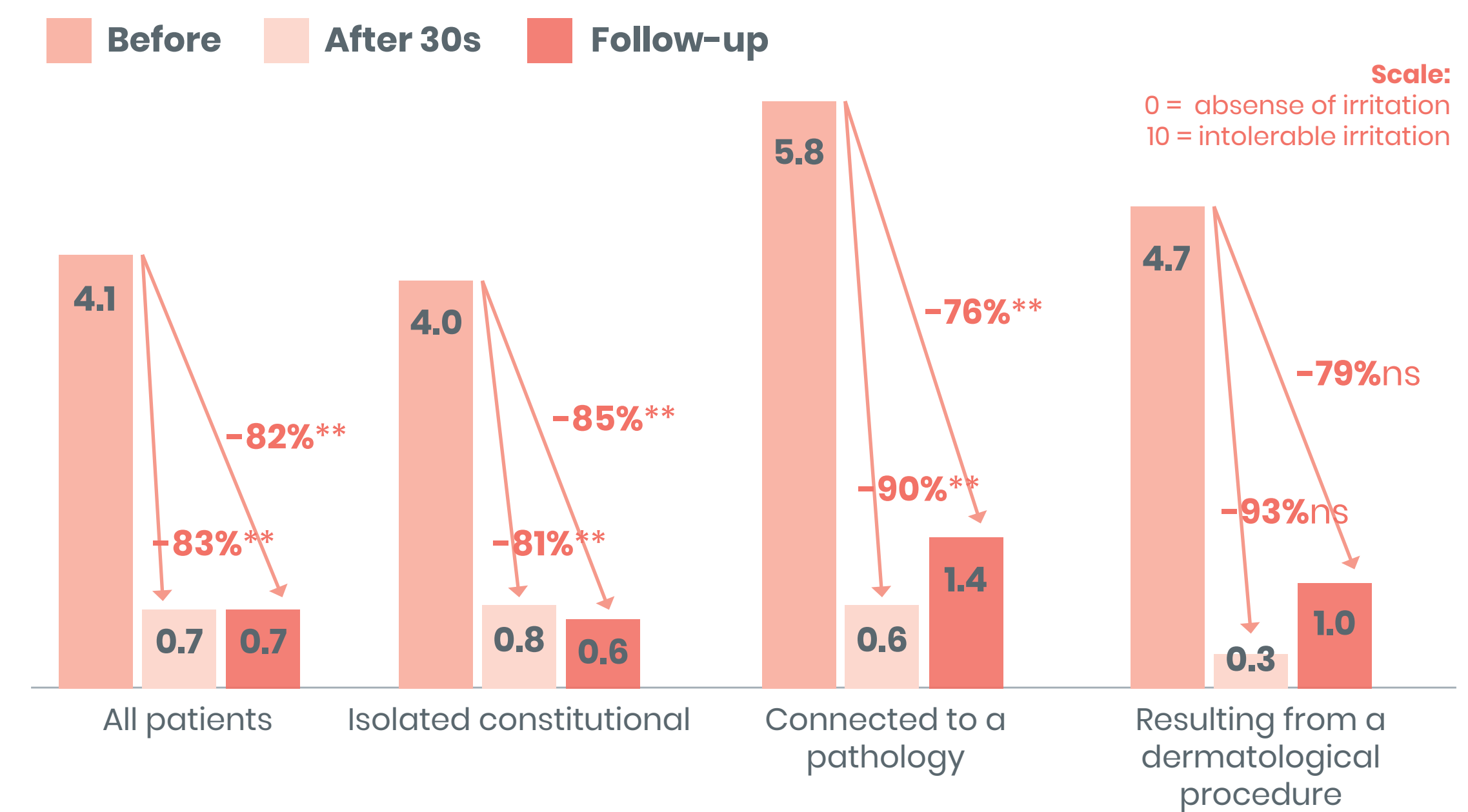
Improvement in QoL:

-62% in DLQI scores³.

Improvement in Skin Irritation:

-83% skin sensitivity score immediately after application and on a long-term.

DEGREE OF OVERALL OF SKIN IRRITATION



Immediate & Overall Satisfaction:

>90.2% of subjects.

CONCLUSIONS

The cream demonstrated immediate soothing effects and improved QoL for patients with sensitive skin. High overall satisfaction and excellent tolerance suggest that the cream is a valid option for the management of sensitive skin. Significant improvement in QoL indicates a significant improvement in patients' daily lives.

¹All survey, a patient centric survey by Pierre Fabre on 50552 subjects, 20 countries. ²Misery L, Jean-Decoster C, Mery S, Georgescu V, Sibaud V. A new ten-item questionnaire for assessing sensitive skin: the Sensitive Scale-10. Acta Derm Venereol. 2014;94(6):635-639. ³Finlay AY, Khan GK. Dermatology life quality index (DLQI): a simple practical measure for routine clinical use. Clin Exp Dermatol 1994;19:210-6/ Finlay AY. Quality of life measurement in dermatology: a practical guide. Br. J. Dermatol. 1997; 136 (3) : 407-18.