A RETROSPECTIVE REAL-LIFE STUDY OF THE SAFETY, EFFICACY AND THE CONDITIONS OF USE OF MILK PEEL MEDICAL DEVICE. CE 0051



Milk Peel is a superficial chemical peel intended for the treatment of mild acne, keratosis pilaris and superficial pigmented lesions.

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BACKGROUND

Milk Peel is a superficial chemical peel developed by Dermaceutic Laboratoire. Milk Peel is a designed solution of glycolic, salicylic and lactic acids to address various skin conditions effectively. To evaluate its performance and safety, a clinical study was conducted through a collaboration between Dermaceutic and investigators, utilizing historical data on Milk Peel's application. This study highlights Dermaceutic's commitment to advancing non-invasive skincare procedures by sharing valuable results and contributing to improved patient care.

OBJECTIVE

Dermaceutic conducted a retrospective, multicentric clinical study to gather historical data on patients previously treated with Milk Peel, a superficial chemical peel classified as a medical device in France. The goal was to assess the real-life safety and performance of Milk Peel. The Dermaceutic clinical team is pleased to share the study results, which contribute to advancing knowledge about superficial chemical peels as an alternative treatment for skin abnormalities. This clinical study is registered in the French public registry, Health Data Hub, under the title: *"Étude en vie réelle des conditions d'utilisation, de l'efficacité et de la tolérance du Milk Peel."*

INTRODUCTION

Milk Peel is manufactured in France under stringent quality control measures, adhering to the highest standards for medical devices (ISO 13485). The peel's main active ingredients are glycolic, salicylic and lactic acid, well-known keratolytic agents capable of penetrating the superficial layers of the skin. Milk Peel is specifically designed to treat acne, superficial pigmented lesions, fine lines, dull complexion and skin irregularities. Milk Peel is performed as part of a full treatment with several sessions of peeling. This study was conducted as part of Dermaceutic's post-market surveillance of Milk Peel medical device.

MATERIALS / METHOD

The study was conducted in France based on the historical data retrieved from 30 patients treated with Milk Peel from January 2021 to March 2024 by Dr F. Bedar and Dr. N. Sebbag. The data included demographic characteristics, skin phototypes, indications for use of the Milk Peel, adverse events and follow-up visits. Efficacy was assessed as variation in the severity grade of each indication of use before and after the treatment. The IGA scale (Investigator Global Assessment) was used as reference. Adverse events were compared with skin reactions described in the literature. Data were captured and analyzed using EasyMedStat software.

RESULTS

SUMMARY OF PATIENT DEMOGRAPHIC CHARACTERISTICS

All patients represented in this study were woman.

Variable	Mean (SD)
Average age (range: 22-81 years)	**42 years old**
Skin Phototype	
II	**3** *(26.7%)*
III	**14** *(46.7%)*
IV	**8** *(26.7%)*

EFFICACY OF MILK PEEL

Milk Peel effectively reduced the severity grades of various skin conditions, with the following average improvements.

Skin condition	Average variation of severity grade after treatment
Acne	**-1.08**
Superficial pigmented lesions	**-1.71**
Fine lines	**-0.60**
Dull complexion	**-1.45**
Skin irregularities	**-1.00**

No serious adverse events related to the peel.

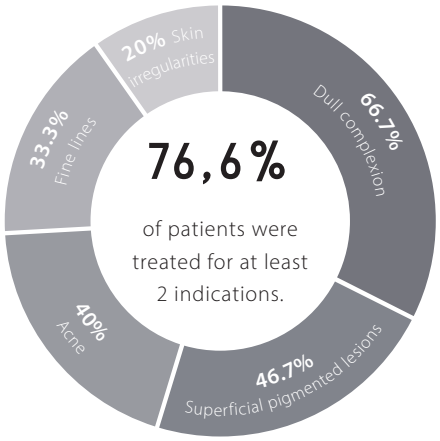
BEFORE AND AFTER

Indication **Acne**





DISTRIBUTION OF PATIENTS TREATED WITH MILK PEEL BY SKIN INDICATION



At least 2 sessions of Milk Peel were performed

CONDITIONS OF USE

Dermaceutic products used before, during and after peel.

Protocol	Products
Pre-treatment	Advanced Cleanser, Activabiome, C25 Cream, Foamer 5/15, Hyal Ceutic, Light Ceutic, Mask 15, Mela Cream, Radiance, Turn Over, Yellow Cream
Treatment	At least 2 Milk Peel sessions
Post-treatment	K Ceutic & Hyal Ceutic

CONCLUSION

The retrospective, multicentric and observational study demonstrates that Milk Peel, a class IIa medical device is effective in treating acne, superficial pigmented lesions, fine lines and to improve dull complexion. As with any chemical peel, expected adverse events such as redness, desquamation, erythema and burning sensation were observed as part of post-procedure healing process. They usually disappear a few hours later. Milk Peel is a superficial chemical peel, safe for use which offers positive skin rejuvenation benefits.

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