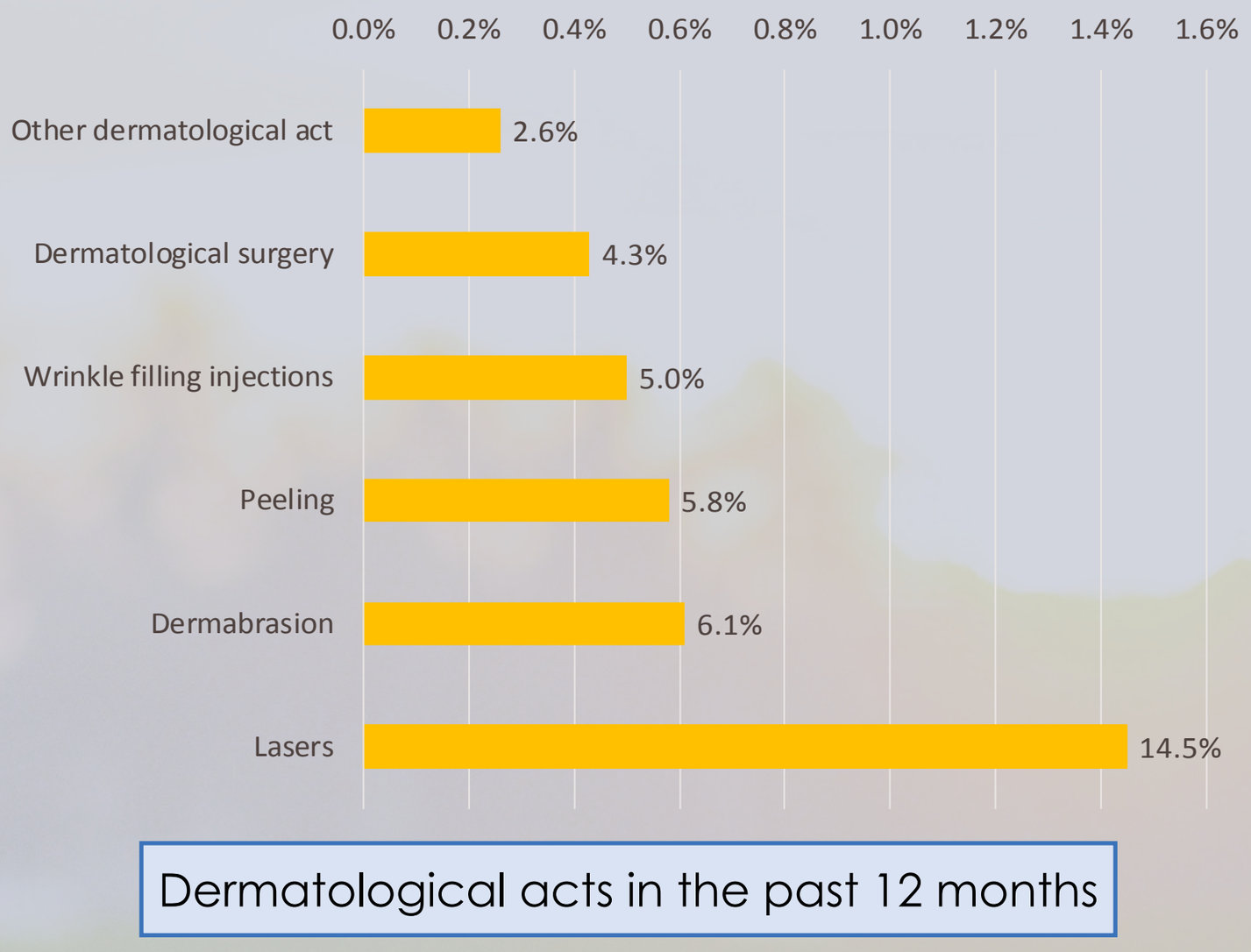
Effects of a protein free Rhealba Oat plantlet extracts in reduction of pain and reduction of downtime in peelings procedures

Saint Aroman Markéta[1], Ocampo-Candiani Jorge[2], Carballido Fabienne[1], Aardewijn Thibault[1]
[1]Laboratoires A-Derma, Pierre Fabre Dermo-Cosmétique, Lavaur, France; [2]University Hospital, Monterrey, Mexico

INTRODUCTION

The frequency of dermatological acts is steadily increasing, accompanying a growing demand from patients. For example, chemical peels are a method of resurfacing in the treatment of various skin conditions[1].
The procedure aims to create an injury of a specific skin depth with the goal of stimulating new skin growth and improving surface texture and appearance. However, by removing the stratum corneum these techniques also leave the skin fragile, permeable and often irritated.

MATERIALS AND METHODS



Dermatological acts in the past 12 months

A cross-sectional subject survey was conducted in Hong Kong in November 2018 by CSA Health Institute

A representative sample of 606 adult individuals with a mean age of 40.2 years old and a sex ratio of 1/1 was included.

This online questionnaire, based on quota method on gender, age and geographical regions, was self-administered.

This study showed that dermatological acts in Hong-Kong are democratized procedures performed frequently by the local population.

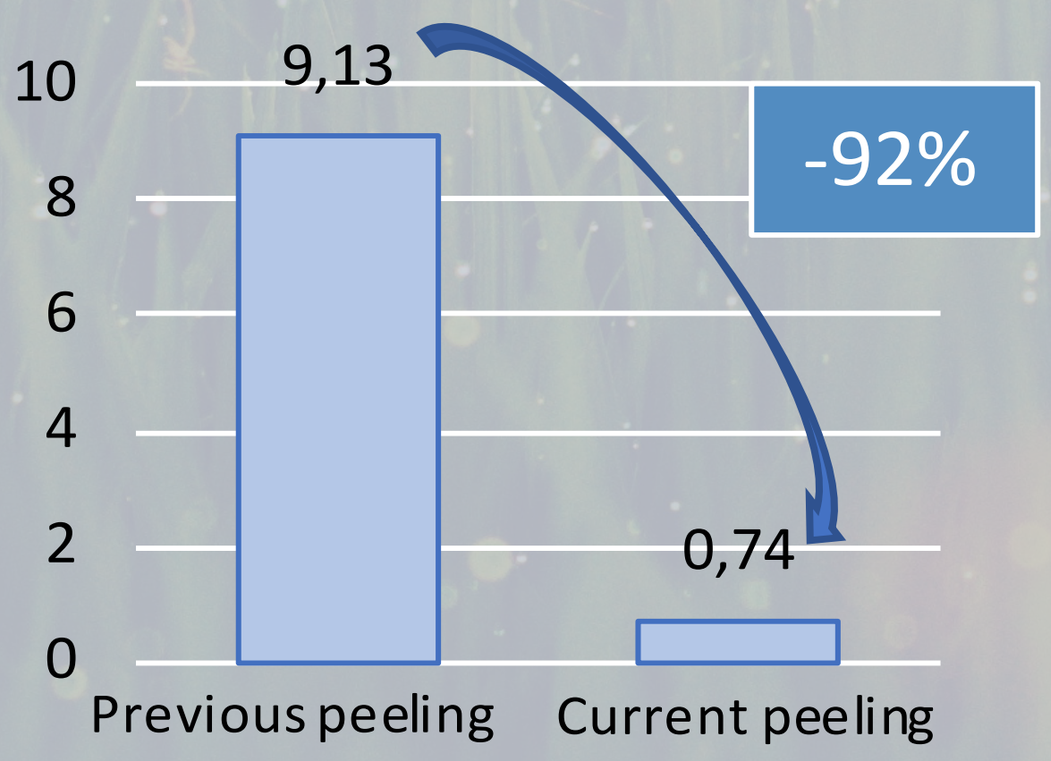
EFFECTS OF A REPAIR CREAM AFTER CHEMICAL PEELS

Study → evaluate the **effects** of the tested cream on the **repair of the superficial layers of the skin** when applied immediately after **medium depth TCA peels** and during 4 weeks.

On 23 subjects → **already** been **treated** with a TCA medium depth **chemical peel** and are willing to undergo the same procedure.

The clinical study includes **6 visits** and the maximum duration of the study for each subject is 47 days .

Downtime reduction (days)



- Downtime reduction of **8 days**
- Diminution of the **burning/painful sensation** + pruritus
- Decrease of the **dryness** at D1, **erythema** at D2, **edema** at D2

Efficacy of the tested cream

CONCLUSION

In case of dermatological procedures such as lasers or chemical peels, the skin is left fragile, permeable and often irritated. In this context the repair cream based on Rhealba Oat Plantlet extracts, L-ALA-L-GLU dipeptide and Hyaluronic Acid represents a relevant option in treating post-act fragile skin.
Indeed, it has been shown that the repair cream leads to a downtime reduction of 8 days following medium depth TCA peels but also a decrease of the pain compared to the previous TCA peel.

[1]Fulton JE, Porumb S. Chemical peels: their place within the range of resurfacing techniques. Am J Clin Dermatol 2004; 5: 179–187

ESPD Congress, 2-4 May 2019, Dubrovnik, HR