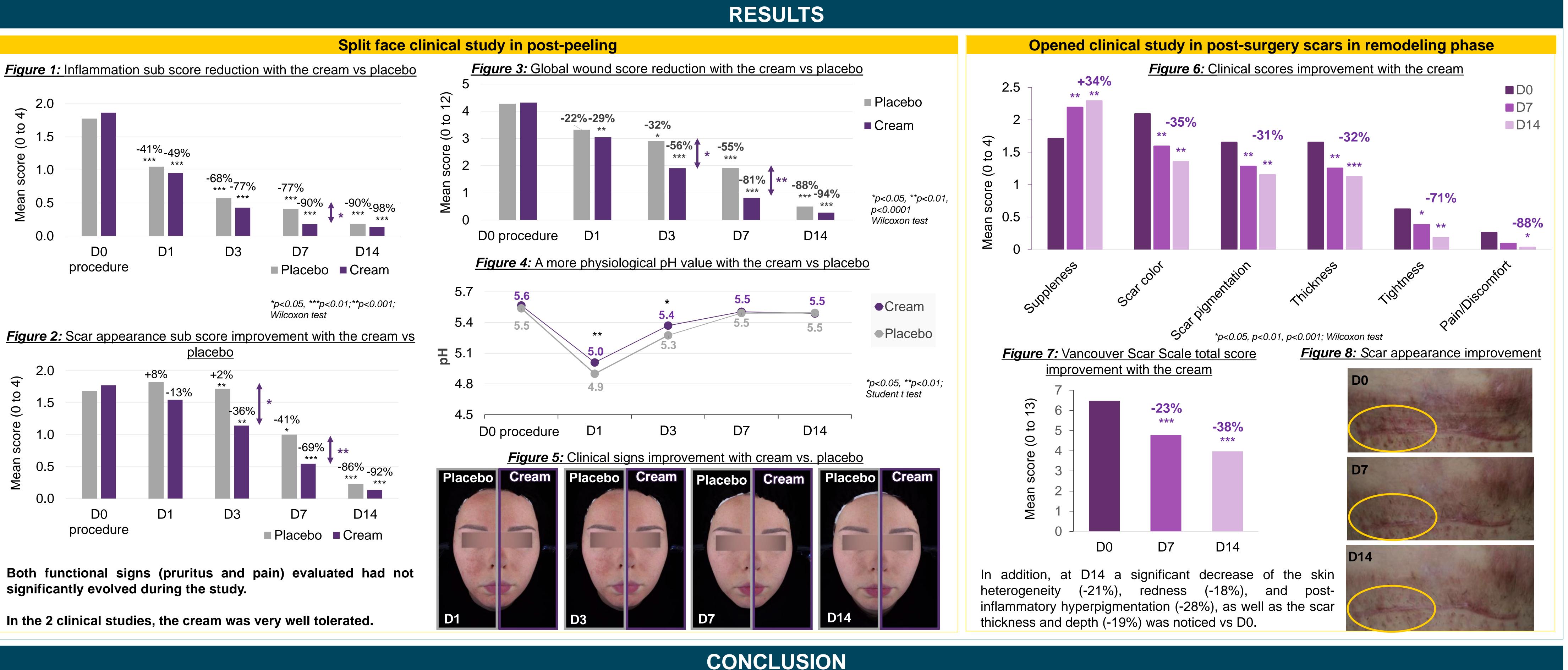
A NOVEL ECOBIOLOGICAL DERMO-COSMETIC PRODUCT IN WOUND HEALING AND SCAR MANAGEMENT

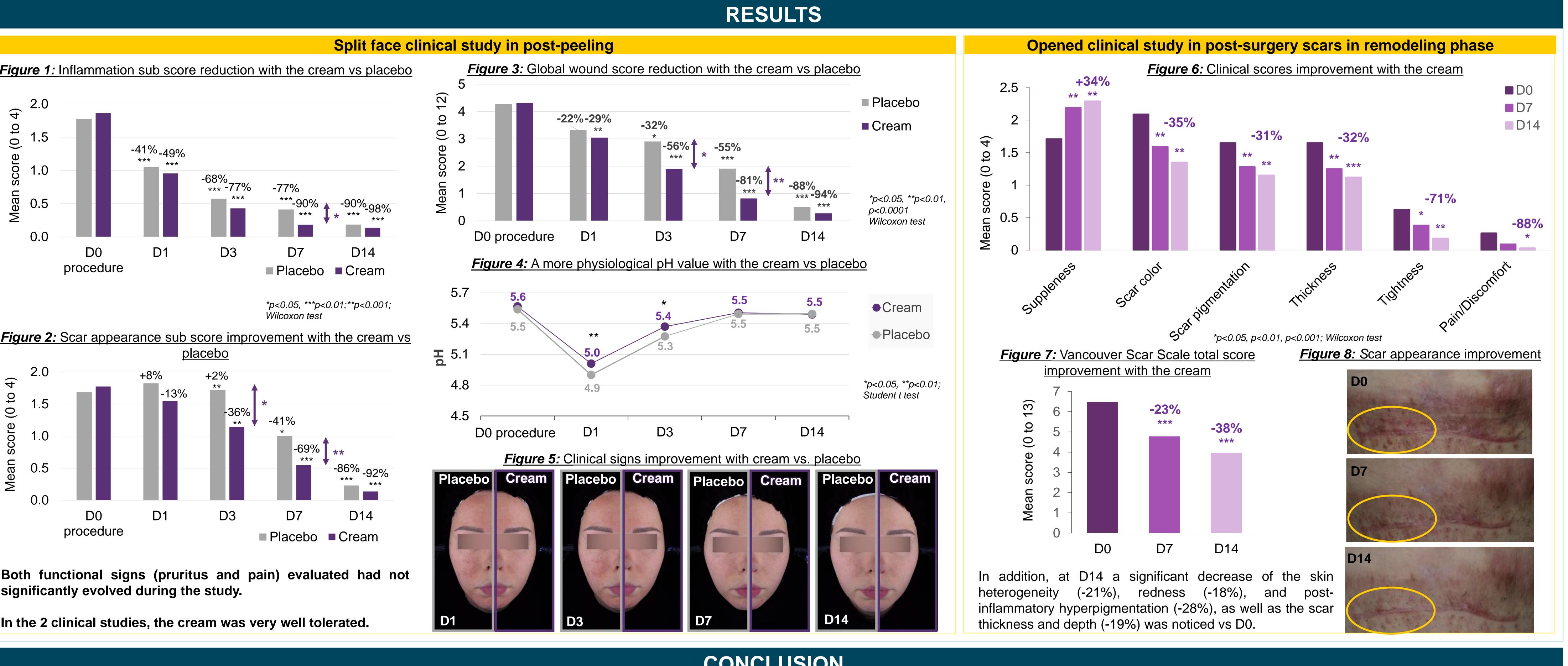
Helena Polena¹, Elsa Tisserand¹, Eloïse Marty¹, Michèle Sayag¹, Christelle Graizeau^{1,2} and Brigitte Dréno³

¹NAOS Group, R&D Department, Aix-en-Provence, France; ²NAOS Institute of Life Science, Aix-en-Provence, France; ³Nantes Université, INSERM, CNRS, Immunology and New Concepts in ImmunoTherapy, INCIT, UMR 1302/EMR6001 F-44000 Nantes, France

Scar management is a crucial dermatological issue in the context of a significant increase of aesthetic procedures in the last decade. Applying an adapted cream after dermatological interventions accelerates healing, avoids post-inflammatory pigmentation and improves its quality. In addition, it reduces pain, burning and repairing dermo-cosmetic product formulated in accordance with the ecobiological approach. Ecobiology considers the skin as a living ecosystem interfacing with its environment and preserving its natural biology to act lastingly.

Two clinical studies (1 randomized split face and 1 opened study, 22 subjects (mean age 36) underwent a 70% glycolic acid peeling procedure vs placebo in one of the half-face. The global wound score (0 to 12) was constituted of 3 sub scores: intensity of inflammatory pigmentation, sequellar telangiectasis, crusts, residual redness and desquamation, 0 to 4) and the presence of functional signs (pruritus and pain, 0 to 4) evaluated by the dermatologist. Instrumental assessments (pH, illustrative photos) were also performed. The second study, a non-comparative true-life study on 35 subjects (mean age 32), was based on the massage of post-surgical scars with the cream and evaluated by global assessments (5-point scale, Vancouver Scar Scale [VSS]), skin colorimetry (chromameter) and scar thickness (ultrasound system).





These two clinical studies demonstrate the efficacy of this repair dermo-cosmetic product for rapid, high-quality healing in barrier. It creates ecobiological conditions by favoring the natural process of wound healing in respect of skin ecosystem for a rapid wound healing with no pigmentation nor scar.

INTRODUCTION & OBJECTIVE

MATERIALS & METHODS

EADV Congress 2023, Berlin