

Pixel peel: The association of peeling and microneedling

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Stratum corneum represents the main barrier to the penetration of cosmetic products and peelings. We investigated the possibility to multi perforate the *stratum corneum* before applying a chemical peeling on the face. Using a microneedling material (AD ROLL TD®) 0.5 mm large needle and a 600 needles head, we rolled the skin with a “scratching” pressure, as recommended, 4 times in 4 different directions, in order to induce 1000 holes/cm². These holes perforate epidermis and terminate into the superficial dermis. It has demonstrated enhanced skin permeability immediately after rolling the skin. We thereafter apply 1 or 2 coats of the peeling “Easy TCA” (trichloroacetic acid, 15%) until getting frosting points associated to a visible redness. After that, the anti inflammatory and healing system “post peel mask” cream is applied on the treated area. The patient can immediately leave the clinic. It results in a stronger dermal stimulation, with less epidermal chemical damage, giving an enhanced anti-ageing result and less discomfort for the patient. The same technique can be used in any part of the body for a better skin tension efficacy. No specific side effect has been seen on our little series.

Biography

Philippe Deprez is Doctor in medicine, surgery and delivery in Belgium. He is Honourable member of the National Academy of Medical Sciences, Bucarest, Rumania. He is Professor of the Aesthetic Medicine: University of Charleroi, Belgium.

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