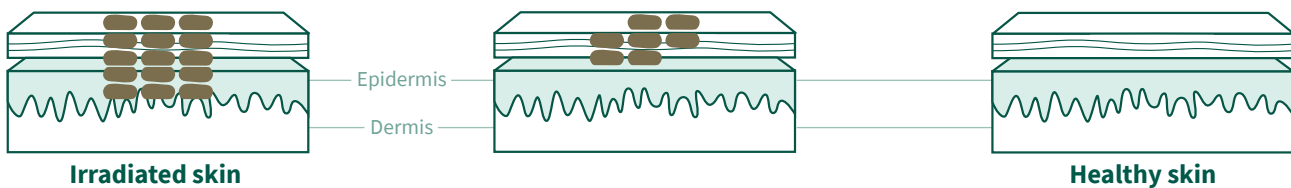


Examples of skin side effects resulting from oncology treatments

Skin irritation may include radiation dermatitis, pressure ulcers, and chemotherapy extravasation, all of which require wound care over an extended period. The following are illustrations of these dermatological problems and their healing process in healthy individuals.

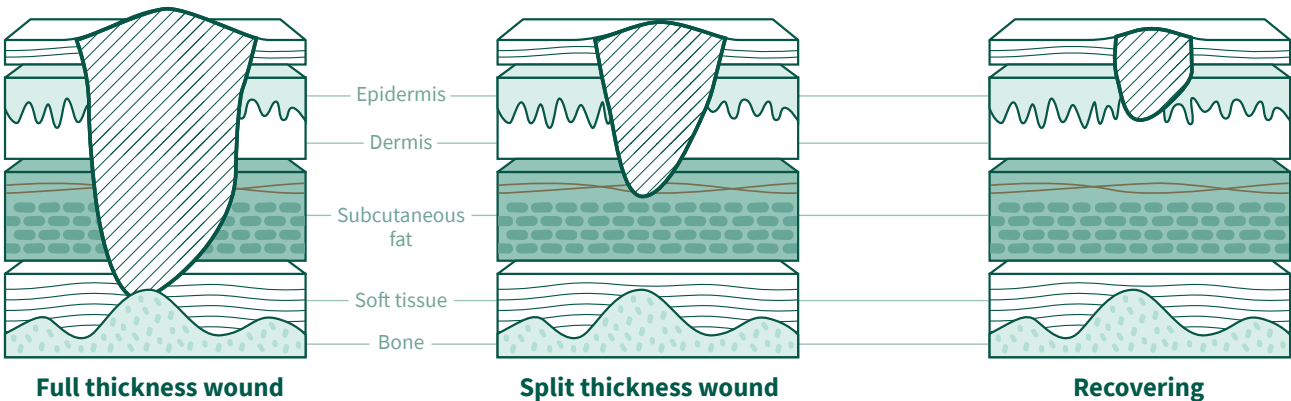
Radiation dermatitis¹

Radiation therapy can impact skin components, leading to atrophy in sweat and oil glands, hair follicles, and damage to the critical basement membrane. The skin's response includes thickening of the outer layer (epidermis) and hyperkeratosis, weakening the skin's protective barrier.



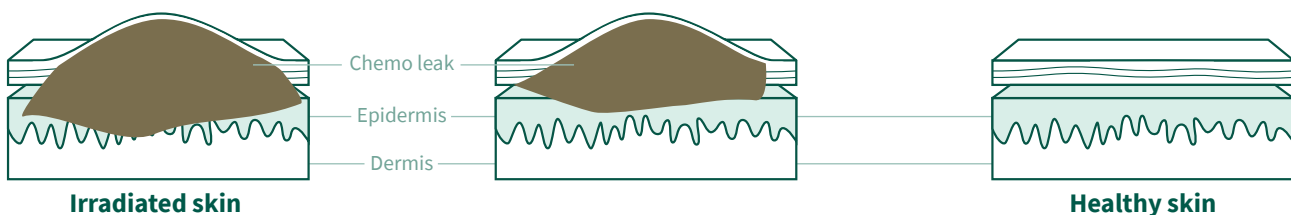
Pressure ulcer²

Pressure ulcers often develop due to prolonged pressure on bony areas, leading to reduced blood flow and tissue damage. The effects of friction can worsen blood flow to the tissues, causing decreased oxygen levels. Additionally, excessive moisture in these situations can soften the skin, exacerbating the risk of pressure ulcers.



Chemotherapy extravasation³

Accidental leakage of vesicant chemotherapy from the vein into surrounding tissue, known as extravasation, poses a considerable threat to patients. This occurrence can result in pain, swelling, redness, tissue damage, blistering, shedding of skin, tissue death, and severe complications that may require surgical intervention.

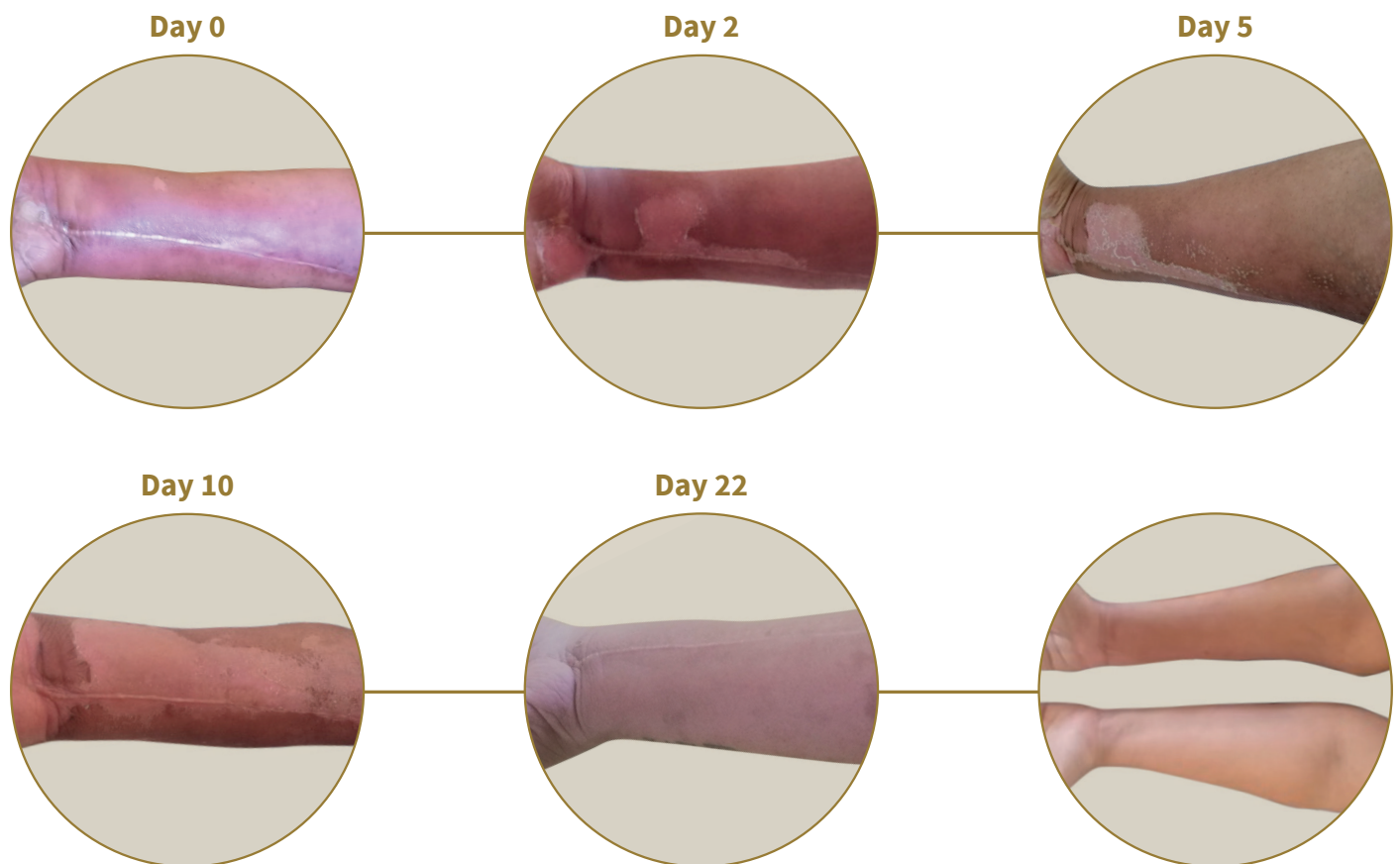


1. D'Alessio, P.A. et al. (2014). 'Skin repair properties of d-limonene and perillyl alcohol in murine models'. *Anti-inflammatory & Anti-Allergy agents in medicinal Chemistry*, 13(1), 29-35.
2. Yoshizaki N, Fujii T, Masaki H, Okubo T, Shimada K, Hashizume R, (2014), 'Orange peel extract, containing high levels of polymethoxyflavonoid, suppressed UVB-induced COX-2 expression and PGE2 production in HaCaT cells through PPAR-γ activation'. *Exp Dermatol* 1:18-22.
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εÛSKIN® product application in patients

Case Study: Radiation dermatitis

The efficacy of εÛSKIN® products has been substantiated in patients who reported that their skin condition improved after using the products. Specifically, patients experienced reduced redness, irritation, and dryness, and reported overall improvement in the texture and appearance of their skin.



Example of characteristic radiation dermatitis after radiotherapy in post-operative site of sarcoma, in female patient, with breast cancer with application of εÛSKIN® Starter Duo products (3 times daily) for 22 days.

Reference: Prokopi M., Christofini A.; 2021, RSL Revolutionary Labs Ltd, Limassol, Cyprus.

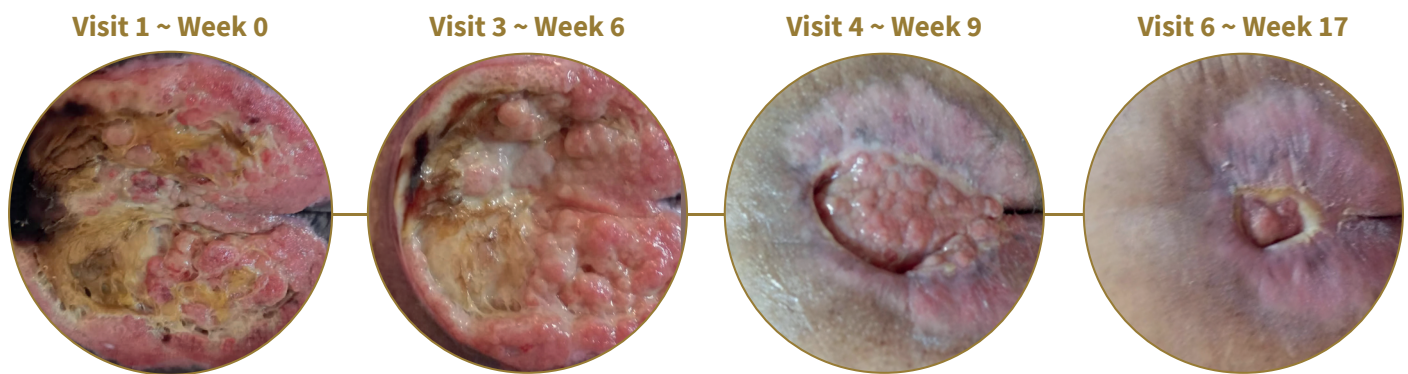


εΨSKIN® product application in patients

Case Study: Palliative care wounds – Pressure ulcer

The εΨSKIN® products have been substantiated in a patient with chronic pressure ulcer that did not respond to conventional treatment and showed prolonged inflammation phase and defective granulation tissue formation.

The εΨSKIN® products showed effectiveness in combating infections but also exceptional performance in the regeneration of damaged tissues and vast reduction in the wound area.



Pressure ulcer in hospitalised bedridden diabetic male patient under palliative care.
Application of εΨSKIN® **Starter Duo products** combined with zinc paste (twice daily in a clean wound) for 17 weeks, after removing necrotic tissue using sharp debridement method.

Reference: Prokopi M., Christofini A., Christofinis M.; 2022, RSL Revolutionary Labs Ltd, Limassol, Cyprus

“ From my experience in using the RSL products is that they show amazing results in antibacterial, antifungal activity but also incredible performances in the regeneration of damaged tissues and in the complete healing of wounds.

Dr. Marios Christofinis MD, PhD ~ Dermatologist

