

BIODERMA

LABORATOIRE DERMATOLOGIQUE

95%
OF THE PATIENTS TREATED BY
RADIOTHERAPY DEVELOP
RADIATION-INDUCED DERMATITIS*

And what about you?



*Lacoue, Nicola Alessandro et al. "Topical treatment of radiation-induced dermatitis: current and future solutions." *Drugs in context* vol. 9 2020-4-7. 12 Jun. 2020. doi:10.5732/drugs.2020.4-7.

ECOBIOLOGY AT THE SERVICE OF DERMATOLOGY

Learn more about NAOS, French ecobiology company
founder of BIODERMA, on www.naos.com





ON YOUR SIDE SUPPORTED YOUR WEAKENED SKIN

Taking into account skin ecosystem, Laboratoire BIODERMA had **specifically developed** dermocosmetic products to address the needs of skin weakened by treatments (chemotherapy, radiotherapy,...) and pathologies (**cancer, diabetes, renal failure**).

The skin represents a **dynamic ecosystem**, in interaction with its environment. However, this ecosystem is fragile and can, during certain treatments be **unbalanced**. Indeed, certain characteristics of the skin make it an organ specifically and frequently affected **during treatments or pathologies**.

Early intake is recommended to avoid worsening of symptoms and the risk of discontinuing treatment.

⊕ MEDI-SECURE APPROACH

To develop **safe & efficient** products taking into account the specificities of skins weakened by treatments and pathologies.

95%

of the patients treated by radiotherapy develop **radiation-induced dermatitis**⁽¹⁾

57%

of the patients have been **impacted in their daily activities**⁽²⁾

"It's a physically and psychologically difficult time. We're weakened on all fronts and skin problems are an additional burden."

Cancer patient



Carefully selected ingredients and active ingredients that are recognised by health professionals to guarantee optimum safety



Guaranteed results backed by clinical studies under medical and oncological supervision



Practical and hygienic packaging to facilitate use and improve daily life

(1) Lacovelli, Nicola Alessandro et al. "Topical treatment of radiation-induced dermatitis: current issues and potential solutions." *Drugs in context* vol. 9 2020-4-7. 12 Jun. 2020. doi:10.7573/dic.2020-4-7.

(2) Cutaneous side effects from cancer treatments and impact on quality of life: patients' perspective. 2020.

WHAT ABOUT RADIOTHERAPY?

Radiation therapy is a method of local treatment of cancer, using radiation to **destroy cancer cells while sparing peripheral healthy tissue** as much as possible.

Ionizing radiation produces biological effects on both healthy and tumor tissues. The ability to repair these lesions is greater for healthy tissue than for tumor tissue. The effectiveness of radiation therapy is based on this differential effect between healthy tissue and tumor.

However, repeated sessions frequently lead to radiodermatitis.⁽¹⁾ It is a complex condition resulting from subsequent cutaneous lesions, and an inflammatory response to radiation.

Symptoms:

They look like a red burning area with peeling. These alterations can be associated with sensations of discomfort and irritation that can alter daily activities. Most often, it is a radiodermatitis, the intensity of which allows to distinguish 3 stages close to the degrees of burns.

Onset times:

Dry radiodermatitis occur in the days, weeks or first months, depending on the dose and the type of radiation used.⁽²⁾

95% of patients treated with radiotherapy will develop **moderate to severe skin reactions**⁽³⁾

(1) Institut de radioprotection et de surete nucleaire.

(2) McQuestion M. Evidence-based skin care management in radiation therapy: clinical update. Semin Oncol Nurs. 2011;27:e1-e17.

(3) Amanda Rosenthal, B.A, Rachel Israilevich, B.S Ronard Moy, M.D. Management of acute radiation dermatitis: A review of the literature and proposal for treatment algorithm. Journal of the American Academy of Dermatology, 2019.

DAILY ADVICE⁽⁴⁾

Do

Prefer liquid soaps or dermatological bars with a **neutral pH without perfume**
Reduce shaving on the treatment area.



Dry yourself gently to avoid damaging skin.



Apply cream once or twice a day.

Don't

Avoid exposure to the **sun without adapted protection.**



No application of cream or gel 2 to 4 hours before the radiotherapy session

on the irradiated area is sufficient to avoid the bolus effect (artificial increase of the radiation dose received by the epidermis).

Do not wash with overly **hot water, lotion or perfume with alcohol.**



(4) American Society of Clinical Oncology (ASCO).

Cicabio Restor

Protective soothing care for skin weakened by some cancer treatments

DRY RADIODERMITITIS



Apply **twice a day** to affected areas
Face and body⁽¹⁾

Suitable for adults and children from the age of 3

SKINCARE THAT TAKES CARE OF THE DISCOMFORT OF DRY RADIODERMATITIS



HELPS HEALING

(D-Panthenol & Hyaluronic acid)

REDUCES PAIN, ITCHING & BURNING SENSATION

(Technology: Antalgicine)

REDUCES RISK OF INFECTIONS

(Capryloyl)

-90%
of the intensity of radiodermatitis after 4 weeks⁽²⁾

93,4%
Of efficiency⁽²⁾



NO PARABEN



NO FRAGRANCE



SAFE INGREDIENTS



TESTED WITH ONCOLOGISTS

⁽¹⁾ Do not use in case of severe liver or kidney disorders. Do not apply to visibly altered or oozing skin. In the case of discomfort, absence of expected effects or worsening of the skin condition, stop the applications, consult your doctor.

⁽²⁾ Test consommateurs à grande échelle (IEC France - 180675RD-FR) -2018

+ **MEDI-SECURE APPROACH**

Lina, 49 years old
Breast cancer, 5 years ago



"I had skin problems during almost all the chemotherapy"

"BY MY SIDE SUPPORTING MY WEAKENED SKIN"

DISCOVER LINA'S TESTIMONIAL AND KNOW MORE ABOUT CANCER SKIN SIDE EFFECTS



MEDI-SECURE APPROACH

respects NAOS ecobiology principles to better preserve the skin ecosystem and to strengthen its natural mechanisms. Rather than over-treating the skin, it must learn how to function properly.

NAOS, SAS with a capital of € 43,474,650, R.C.S. Aix-en-Provence B535 236 418, 355 rue Pierre-Simon Laplace
13290 Aix-en-Provence. FM-AB(0438) Juin 2022

Talk about it!

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