

# BIODERMA

LABORATOIRE DERMATOLOGIQUE

**84%**  
OF CANCERS PATIENTS HAVE  
CUTANEOUS SIDE EFFECTS LINK TO  
THEIR CANCER CHEMOTHERAPY\*

*And what about you?*



\*Meron A, Handattu S, Shetty J, Guriba BS. Study of cutaneous adverse effects of cancer chemotherapy. Clin Dermatol Rev. 2018;2:19-24.

ECOBIOLOGY AT THE SERVICE OF DERMATOLOGY

Learn more about NAOS, French ecobiology company  
founder of BIODERMA, on [www.naos.com](http://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.

**84%**

of cancers patients **have cutaneous side effects link to their cancer chemotherapy**<sup>(1)</sup>

**57%**

of the patients have been **impacted in their daily activities**<sup>(3)</sup>

**95%**

of the patients treated by radiotherapy develop **radiation-induced dermatitis**<sup>(2)</sup>



#### 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

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

Cancer patient

(1) Menon A, Handattu S, Shetty J, Girisha BS. Study of cutaneous adverse effects of cancer chemotherapy. Clin Dermatol Rev 2018;2:19-24.

(2) 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.

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

# WHAT IS XEROSIS?

Xerosis is the medical term for abnormally **dry skin**. This name comes from the Greek word "xero," which means dry.<sup>(1)</sup> In cancer patients, dry skin can be a side effect of cancer treatments like chemotherapy, radiation therapy or surgery.

**Symptoms:** Dry skin can be **rough, flaky, red**, and sometimes **painful**. It's often caused by not having enough oil and water in the layers of the skin.<sup>(2)</sup>

**Onset times:** Xerosis occurs on average **3 to 4 weeks after the start** of oncological treatments, especially chemotherapy.<sup>(3)</sup>

**80%** of patients say that **xerosis is disturbing**<sup>(4)</sup>

(1) Dry skin. (n.d.).

(2) Mayo Clinic Staff. (2016, October 27). Dry skin: Symptoms and causes.

(3) M. Mailhot, "pharmacothérapie La prise en charge des toxicités cutanées induites par les inhibiteurs des récepteurs du facteur de croissance épidermique," vol. 45, pp. 246–260, 2012.

(4) Etat des lieux de la prise en charge des effets secondaires cutanés Rapport Final, Lyon, 5 juillet 2016.

## DAILY ADVICE<sup>(5)</sup>

*Do*

Use a **gentle hygiene product**.



**Dry yourself gently** to avoid damaging skin.



**Apply cream** once or twice a day.



**Cut your nails** to avoid scratching.



*Don't*

**Avoid long bath.**



**Avoid scrubs** which damage the skin.



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



**Do not wash** with overly **hot water**.



(5) Harvard Health Publishing and American Society of Clinical Oncology (ASCO).

# Atoderm Xereane

Soothing nourishing balm for skin dried by some treatments or pathologies

BALM THAT REDUCES SKIN DRYNESS AND ASSOCIATED DISCOMFORT **IMMEDIATELY & LASTINGLY**

CHEMOTHERAPY



Apply **once or twice a day** to face and/or body

Suitable for adults and children from the age of 3



**REGENERATES & REPAIRS THE SKIN**

(D-panthenol)

**REDUCES PAIN & ITCHING**

(Technology: Antalgicine)

**REDUCES REDNESS & INFLAMMATION**

(Rhamnose, Mannitol, Xylitol)

**-82%**  
redness and cracks<sup>(1)</sup>

**-90%**  
itching<sup>(1)</sup>

**95%**  
Improvement or full disappearance of skin dryness<sup>(1)</sup>



NO PARABEN



NO FRAGRANCE



SAFE INGREDIENTS



TESTED WITH ONCOLOGISTS

(1) Efficacy and tolerance assessment of ATODERM XEREANE on chemotherapy-induced xerosis

**+** **MEDI-SECURE APPROACH**

# WHAT ABOUT HAND-FOOT SYNDROME?

Hand-foot syndrome is a skin disorder induced by chemotherapy and targeted therapies.

## Symptoms:

It is manifested by **symmetrical lesions** on the palms of the hands and soles of the feet around the nail and on the edges.<sup>(1)</sup> The first reported symptoms start with a **tingling sensation**, followed by the appearance of a diffuse bright red area, sometimes accompanied by a well-defined and symmetrical swelling (edema) in the first level of Hand-Foot syndrome.

## Onset times:

Appearance of symptoms within **the first 6 weeks after the first cycles of chemotherapy**.<sup>(2)</sup> Early management is recommended.

Talk to your health care professional • He will be able to advise you

30%  
TO  
60%

of cases in patients developed  
**Hand-foot syndrome**<sup>(3)</sup>

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

(2) K.K. MILLER, L. GORCEY, B.N. MACLELLAN. Chemotherapy-induced hand-foot syndrome and nail changes: A review of clinical presentation, etiology, pathogenesis, and management. Journal of the American Academy of Dermatology. (2014). Vol. 71, pp. 787-794.

(3) Cutaneous side effects of sorafenib and sunitinib. J. Autier, et al.

## DAILY ADVICE<sup>(4)</sup>

Do



Use **soft slippers** and **thick socks** to **reduce friction** on your feet.



Wear **wide-fitting** shoed and cotton socks.



Wear **loose fitting**.



Consult a **podiatrist**.



Apply **skin care cream** once or twice a day.

Don't



Avoid contact with **harsh chemicals** used in laundry detergents or household cleaning products.



Avoid **sources of heat**.



**Do not wash** with overly **hot water**.

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



# Atoderm Palmakera

SKINCARE THAT TAKES CARE OF THE DISCOMFORT  
OF FRAGILE SKIN AND **HAND AND FEET ALTERATIONS**

Smoothing soothing care for hands  
and feet prone to desquamation  
and feelings of discomfort caused  
by certain cancer treatments

**CHEMOTHERAPY**



Apply at least twice  
a day to affected areas  
**Hands and feet<sup>(1)</sup>**

Suitable for adults and children  
from the age of 3

**REGENERATES THE SKIN AND KERATOLYTIC EFFECT**

(Urea >10%)

**REDUCES PAIN & ITCHING**

(Technology: Antalgicine)

**REDUCES REDNESS & INFLAMMATION**

(Rhamnose, Mannitol, Xylitol)

**94%**  
Improvement or  
disappearing of the Hand-  
Foot syndrome < 1 month<sup>(2)</sup>

**+90%**  
Relieves discomfort<sup>(2)</sup>



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) Efficacy and tolerance assessment of ATODERM PALMAKERA on Hand- Foot syndrome.

**+** **MEDI-SECURE APPROACH**

## WHAT ABOUT NON-OOZING LESIONS?

- **Non-targeted therapies radiotherapy** they occur dry **Radiodermatitis** in the days, weeks or first months, depending on the dose and the type of radiation used. They look like a red burning area with peeling.<sup>(1)</sup>
- **Surgery** with a post-surgical **scarring**. The process depends on the individual healing capacity.<sup>(2)</sup>
- **Targeted** therapies and chemotherapy can occur moderate **Hand-Foot syndrome**.

**Symptoms:** Skin irritation and scarring may occur on localized areas of the face or body. These alterations can be associated with sensations of discomfort and irritation that can make difficult daily activities.<sup>(3)</sup>

**95%** of patients treated with radiotherapy develop **radiation-induced dermatitis**<sup>(4)</sup>

## DAILY ADVICE<sup>(5)</sup>

*Superficial skin irritation and scars*



**Avoid exposure to the sun.**

*Damaged hands and feet*



**Wear wide-fitting** shoed and cotton socks.



**Protect your hands** during manual work.



Consult a **podiatrist**.

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

(2) "DERMATO-INFO, Les Biopsies de peau".

(3) Evaluation de l'efficacité et de la tolérance de Cicabio Restor sur le syndrome main-pied de grade 2 induit par chimiothérapie - Géorgie - 2018-2019.

(4) 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.

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

# Cicabio Restor

Protective soothing care for skin weakened by some cancer treatments

CHEMOTHERAPY  
RADIOTHERAPY  
SURGERY



SKINCARE THAT TAKES CARE OF THE DISCOMFORT OF FRAGILE SKIN AND NON-OOZING LESIONS: **SCARS, RADIODERMATITIS, HAND- FOOT SYNDROME**

## HELPS HEALING

(D-Panthenol & Hyaluronic acid)

## REDUCES PAIN & ITCHING

(Technology: Antalgicine)

## REDUCES RISK OF INFECTIONS

(Capryloyl)

Apply **twice a day** to affected areas  
Face and body<sup>(1)</sup>

Suitable for adults and children from the age of 3

**91%**  
of the skin is repaired<sup>(2)</sup>

This product significantly reduces quickly and durably the sensations of discomfort<sup>(2)</sup>

(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.



NO PARABEN



NO FRAGRANCE



SAFE INGREDIENTS



TESTED WITH ONCOLOGISTS

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

**+** **MEDI-SECURE APPROACH**



# WHAT ABOUT ACNEIFORM RASH?

The acneiform rash is a folliculitis. It is an inflammation of non-infectious origin of the follicles.<sup>(1)</sup>

**Symptoms:** The lesions can be **itching** and sometimes **painful**. They are located mainly in greasy areas like the face (especially the nose, cheeks, forehead and chin), the scalp, the neck and the shoulders and the upper trunk.<sup>(2)</sup>

**Onset times:** This inflammation is a **major side effect of targeted therapies**.<sup>(2,3)</sup> It occurs in the first few days after the first intravenous infusion and during the second week with oral administrations.<sup>(4)</sup>

Talk to your health care professional • He will be able to advise you

43%  
TO 85%

of cases in patients receiving  
**targeted therapies**<sup>(5)</sup>

(1) M. Segovia-Mendoza, M. E. González-González, D. Barrera, L. Díaz, and R. García-Becerra, "Efficacy and mechanism of action of the tyrosine kinase inhibitors gefitinib, lapatinib and neratinib in the treatment of HER2-positive breast cancer: preclinical and clinical evidence," Am. J. Cancer Res., vol. 5, no. 9, pp. 2531-61, 2015.

(2) Association onco partage.

(3) NATIONAL CANCER INSTITUTE.

(4) H. S., "Manifestations cutanées des inhibiteurs du récepteur du facteur de croissance épidermique," Ann Dermatol vénereol, 2006.

(5) Daily baseline skin care in the prevention, treatment, and supportive care of skin toxicity in oncology patients: recommendations from a multinational expert panel René-Jean Bensadoun et al.

## DAILY ADVICE<sup>(6)</sup>

Do



**Apply cream**  
once or twice a day.



Dry yourself with a **towel**, clean at each use, **without rubbing**.



**Avoid exposure to the sun.**

Don't



**Do not pierce the pimples**  
and avoid scratching. This could accentuate the skin rash.



Do not use **acne treatment**.

(6) Association onco partage.

# Sensibio Erycontrol

Moisturising soothing cream for skin prone to sensitivity and superficial redness caused by cancer treatments

## SKINCARE THAT TAKES CARE OF THE DISCOMFORT OF SENSITIVE OVERHEATED AND DRY SKIN

CHEMOTHERAPY



**BIODERMA**  
LABORATOIRE DERMATOLOGIQUE

Sensibio Erycontrol

**Crème apaisante hydratante**  
Accompagnement dermo-cosmétique des peaux sujettes aux sensibilités et rougeurs superficielles induites par certains traitements notamment anticancéreux

**Soothing moisturising cream**  
Dermo-cosmetic care for skin prone to sensitivity and superficial redness caused by certain treatments, particularly cancer treatments

Care first. ✕ N A O S

100 ml e 3.4 FL.OZ.



**REDUCES INDUCED INFLAMMATION AND SMOOTHES**  
(Enoxolone)

**REDUCES PAIN & ITCHING**  
(Technology: Antalgicine)

**REDUCES REDNESS & INFLAMMATION**  
(Rhamnose, Mannitol, Xylitol)

Apply **twice a day** to affected areas  
**Face and localized areas** of the body (chest, shoulder, upper back)<sup>(1)</sup>

Suitable for adults and children from the age of 3

**-90%**  
of risk to develop  
acneiform lesions<sup>(2)</sup>

**-94%**  
Sensations of  
inflammation<sup>(3)</sup>



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) Efficacy and tolerance assessment of SENSIBIO ERYCONTROL against acneiform skin lesions induced by anti-tumoral treatments.  
(3) Test consommateurs à grande échelle (IEC Bulgarie N°B190800RD) -2019.

**+** **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(0333)Mai2022

*Talk about it!*

ECOBIOLOGY AT THE SERVICE OF DERMATOLOGY

Learn more about NAOS, French ecobiology company  
founder of BIODERMA, on [www.naos.com](http://www.naos.com)

