

# BIODERMA

LABORATOIRE DERMATOLOGIQUE

**30%**  
OF DIABETIC PATIENTS  
EXPERIENCE SKIN DISORDERS\*

*And what about you?*

\*To determine cutaneous manifestation in diabetes patients- A clinical study Dr. Dev Mishra



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.

### ⊕ MEDI-SECURE APPROACH

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

**463 million**  
people worldwide **have diabetes**<sup>(1)</sup>

**700 million**  
Of people will suffer from **diabetes by 2045**<sup>(2)</sup>

*"I had not made the connection between my side effects and my diabetes so I didn't really talk about it."*

Ariane 26 years old - Type 1 Diabetes diagnosed 4 years ago



**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) Fédération des diabétiques.

(2) Fédération international du diabète, l'Atlas du diabète, 9<sup>e</sup> édition 2019.

# 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>

## 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>

The metabolic changes of diabetes have a major impact on the skin.<sup>(3)</sup> It is due to an abnormal persistence of the cohesion between the cells on the surface of the skin.<sup>(4)</sup>

**75%** of people with diabetes develop **xerosis**<sup>(5)</sup>

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



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

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

(3) Diabetic Microvascular Disease: An Endocrine Society Scientific Statement J Clin Endocrinol Metab. 2017 Dec 1; 102(12): 4343-4410.

(4) C. Flagothier, « Stigmates cutanés du diabète », Rev Med Liege, 60: 5-6; 553-559, 2005.

(5) PHAM H.T., EXLBERT L., SEGAL-OWENS A.C., VEVES A. A prospective, randomized, controlled double-blind study of a moisturizer for xerosis of the feet in patients with diabetes Ostomy/Wound Management, 2002; 48(5) : 30-36.

(6) 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**

**DIABETES**



**REGENERATES & REPAIRS THE SKIN**

(D-panthenol)

**REDUCES PAIN & ITCHING**

(Technology: Antalgicine)

**REDUCES REDNESS & INFLAMMATION**

(Rhamnose, Mannitol, Xylitol)

**95%**

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

**-82%**

redness and cracks<sup>(1)</sup>

**-90%**

itching<sup>(1)</sup>



NO PARABEN



NO FRAGRANCE



SAFE INGREDIENTS



TESTED WITH HEALTHCARE PROVIDERS

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

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

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

Suitable for adults and children from the age of 3

# WHAT ABOUT THE DIABETIC FOOT?

The diabetic foot is one of **the most painful problems for diabetics**. In general, among the things that need to be done to properly manage diabetes, special attention must be paid to the feet.<sup>(1)</sup>

**Symptoms:** The term "diabetic foot" refers to a complication of diabetes consisting of a series of foot injuries caused by degeneration of the cardiovascular and nervous systems.<sup>(2)</sup>

Due to the decreased sensitivity to pain in diabetes, symptoms may be masked. It is **advisable to examine your feet every day**.<sup>(3)</sup> Early management is recommended.

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

**7%** of the patients with diabetes will **develop an ulcer** in their lifetime<sup>(4)</sup>

(1) Abbott CA, Carrington AL, Ashe H, North-West Diabetes Foot Care Study et al. The North-West Diabetes Foot Care Study: incidence of, and risk factors for, new diabetic foot ulceration in a community-based patient cohort. *Diabet Med.* 2002;19:377-384. doi: 10.1046/j.1464-5491.2002.00698.x.  
(2) Lepintalo M, Apelqvist J, Setälä C, Riccof JB, de Donato G, Beckerg F, Robert-Ebadig H, Caoh P, Ecksteini HH, De Rangok P, Diehml N. Chapter V: Diabetic Foot. *European Journal of Vascular and Endovascular Surgery.* 2011;42(S2):S60-74.  
(3) Bakker K, Apelqvist J, Schaper NC, International Working Group on the Diabetic Foot Editorial Board. Practical guidelines on the management and prevention of the diabetic foot 2011. *Diabetes/metabolism research and reviews.* 2012 Feb;28:225-31.  
(4) Pengzi Zhang. Global epidemiology of diabetic foot ulceration: a systematic review and meta-analysis. 2017 Mar;49(2):106-116.

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

*Do*



**Check the soles of the feet regularly** for corns, blisters or lesions.



**Always dry your feet** thoroughly after each wash using clean, soft towels.



**Always wear clean socks** and change them regularly.

*Don't*



Avoid **walking barefoot**.



Avoid exposing your feet **directly to intense heat**.



Avoid **smoking**.



Avoid wearing heels or shoes **with wooden soles**.

(5) Bakker K, Apelqvist J, Schaper NC, International Working Group on the Diabetic Foot Editorial Board. Practical guidelines on the management and prevention of the diabetic foot 2011. *Diabetes/metabolism research and reviews.* 2012 Feb;28:225-31.



# Atoderm Palmakera

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

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

**DIABETES**



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)

**+87%**

The skin is more supple,  
softer immediately and  
lastingly<sup>(2)</sup>

**-87%**

feelings of discomfort<sup>(2)</sup>



NO PARABEN



NO FRAGRANCE



SAFE  
INGREDIENTS



TESTED WITH  
HEALTHCARE  
PROVIDERS

(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 diabetic foot

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

Ariane, 26 years old  
Type 1 Diabetes diagnosed  
4 years ago

*"I had not anticipated any skin problems at all"*

## "BY MY SIDE SUPPORTING MY WEAKENED SKIN"



DISCOVER ARIANE'S TESTIMONIAL AND KNOW MORE ABOUT DIABETES 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  
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*Talk about it!*

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