BIODERMA LABORATOIRE DERMATOLOGIQUE

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

And what about you?



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.

✤ MEDI-SECURE APPROACH

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

463 million

700 million Of people will suffer from diabetes by 2045⁽²⁾



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

"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

WHAT IS XEROSIS?

Xerosis is the medical term for abnormally **dry skin**. This name comes from the Greek word "xero," which means dry.⁽¹⁾

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.⁽²⁾

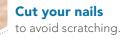
The metabolic changes of diabetes have a major impact on the skin.⁽³⁾ It is due to an abnormal persistence of the cohesion between the cells on the surface of the skin.⁽⁴⁾

DAILY ADVICE⁽⁶⁾











75% of people with diabetes develop xerosis⁽⁵⁾

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

(2) Algo Clinic Staff; (2016, October 22). Dry skir: 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 doubled-blind study of a moisturizer for xerosis of the feet in patients with diabetes Sotromy/Wound Management, 2002; 48 (5): 30-36.

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



MEDI-SECURE APPROACH

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.⁽¹⁾

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.⁽²⁾

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

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

of the patients with diabetes will develop an ulcer in their lifetime⁽⁴⁾

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.
Lepäntaloa M, Apelqvistc J, Setaccie C, Riccof JB, de Donatoe 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(5):260-74.
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.
Pengzi Zhang. Global epidemiology of diabetic foot ulceration: a systematic review and meta-analysis. 2017 Mar;49(2):106-116.

DAILY ADVICE⁽⁵⁾





Always dry your feet thoroughly after

each wash using clean, soft towels

Always wear clean socks and change them regularly.

Avoid walking barefoot

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



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.



MEDI-SECURE APPROACH

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



"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 13290 Aix-en-Provence. FM-AB(0350)may2022



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