

# DERMOSCENT **BIO BALM**®

TO REPAIR NOSE, FOOTPADS AND  
MANAGE CALLUSES

*Naturally efficient*



**Dermoscent**®  
LABORATOIRE



# DERMOSCENT BIO BALM®

## SOS DRY SKIN CARE

### PROVEN EFFICACY - CONTROLLED CLINICAL STUDIES



- 1** Nourishes, soothes and protects
- 2** Water resistant
- 3** Organic-certified ingredients

**Essential oil of cajputi**  
- Soothing  
- Antiseptic

**Soybean oil**  
- Emollient  
- Nourishing  
- Hydrating



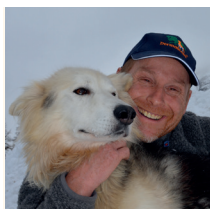
## USAGE RECOMMENDATIONS

**Hyperkeratosis:** once to several times a day

- ▶ Nasal
- ▶ Pads
- ▶ Calluses

**For regular use to protect and repair pads:** apply before and after each outing

- ▶ In case of intense physical activities such as sledding, hunting, long walks...
- ▶ During extreme weather conditions (cold, snow...)



**RECOMMENDED BY JEAN-PHILIPPE PONTIER, ONE OF THE BEST FRENCH MUSHERS** WHO WON THE FAMOUS SLED DOG RACE LA GRANDE ODYSSÉE SAVOIE MONT-BLANC IN 2014

## DIRECTION FOR USE



- ▶ Apply DERMOSCENT BIO BALM® on dry and clean areas especially on the nose, elbows, paw pads and interdigital spaces
- ▶ Jar of 50ml to keep in a temperature between 15 and 25°C





## WHAT IS HYPERKERATOSIS?

Thickening of the *stratum corneum* due to an **abnormal corneogenesis** (excessive production of basal keratinocytes and/or defect in the desquamation process of corneocytes)

- **Clinical presentation:** rough, thickened, dry skin
- **Consequences:** cracks and risk of secondary skin infections (bacterial/fungal)
- **Solution:** local symptomatic management - application of topicals containing keratolytic and emollient agents

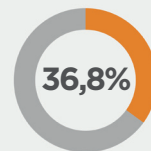
### DOUBLE-BLIND STUDY<sup>1</sup>

#### Protocol

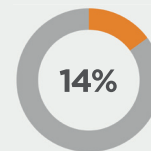
- **39 dogs** with an idiopathic nasal hyperkeratosis
- Application of **Dermoscent BIO BALM®** or a placebo (aqueous gelling agent with occlusive properties), once a day
- Duration of the study: **2 months**
- Evaluation criteria: Lichenification (score from 0 to 4), Dryness (score 0 or 1), Suppleness (score from 0 to 2), Lesion extent (score from 0 to 4), Total score

#### Results

Improvement of total score:



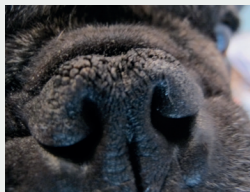
Dermoscent  
BIO BALM®



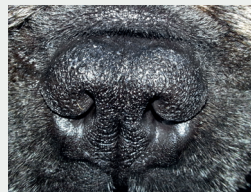
Placebo

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D0



D60



More than

**85%**

of users satisfied by the  
ease of use

### OPEN STUDY<sup>2</sup>

#### Protocol

- **10 dogs** with a nasal hyperkeratosis
- Application of **Dermoscent BIO BALM®** once a day
- Duration of the study: **3 months**
- Evaluation criteria (score from 0 to 4) : Lichenification, Cutaneous dryness, Extent

#### Results

Evolution of clinical signs:



**-66%**

Lichenification



**-68%**

Cutaneous  
dryness



**-69%**

Extent



# PRESSURE POINT CALLUSES: HOW TO SPOT THEM?

A callus is a **normal response to a repetitive pressure** on hard surfaces

- **Clinical presentation:** thick, hyperpigmented, well delimited, round or oval cutaneous lesion. Wrinkled, grey/blue, alopecic with scales
- **Consequences:** cracks and risk of secondary skin infections (bacterial/fungal)
- **Solution:** soften affected tissues with deep moisturizing product

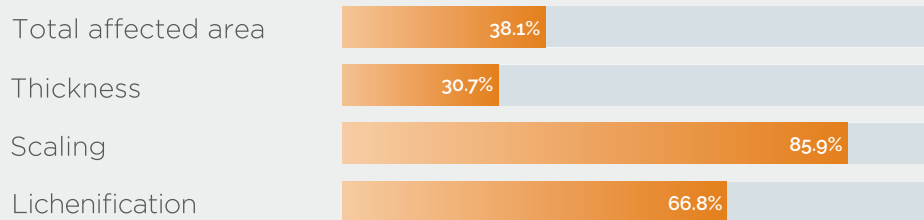
## OPEN STUDY<sup>3</sup>

### Protocol

- **35 dogs** (31 ended the study) presenting one or several non-infected calluses (63 calluses)
- Application of **Dermoscent BIO BALM®** once a day
- Duration of the study: **3 months**
- Evaluation criteria: Lichenification (score from 0 to 4), Scaling (score from 0 to 4), Thickness (measured in mm), Total affected area (calculated in mm<sup>2</sup>)

### Results

#### Reduction of clinical signs:



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D0



D90



#### Satisfaction rate of owners:



Ease of use **94%**

Efficacy **83%**



## Effective management of non-infected calluses in dogs in association with hygienic routine.

<sup>1</sup> M. CATARINO, C. PRESSANTI, P. MIMOUNI and M. C. CADIERGUES, Control of idiopathic nasal hyperkeratosis in dogs with a mixture of essential oils and essential fatty acids (Dermoscent BIO BALM®): a randomized, double-blinded, placebo-controlled clinical trial, Short Communication ESVD 2015, Article published in open access in *Veterinary Dermatology* (October 2017). Dr. Catarino Doctoral thesis - ENVT France 2014

<sup>2</sup> E. BENSIGNOR, Utilisation d'un baume pour traiter la kératodermie nasale idiopathique - Etude prospective, Publication dans : *Le Nouveau Praticien Vétérinaire*, Vol **10**, n°59, p. 57-60

<sup>3</sup> E. GAILLARD, C. PRESSANTI, E. BENSIGNOR, C. MARTIN-VO and M. C. CADIERGUES, Control of non-infected calluses in dogs with a mixture of essential oil and essential fatty acids (Dermoscent BIO BALM®): an open prospective study, Poster & Short Communication ESVD 2011, Abstract in: *Veterinary Dermatology*, Vol **22**, issue 5, p. 471. Dr. Gaillard Doctoral thesis - ENVT France 2011

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