

ESSENTIAL[®]

— Line —



**NATURAL TOPICAL SOLUTIONS TO HELP MANAGE
KERATO-SEBORRHEIC DISORDERS**



**TRENDSETTING
INNOVATIONS
SINCE 2003**



**SCIENTIFICALLY
PROVEN
EFFICACY**



**EASE OF USE
FOR HIGH
COMPLIANCE**



Naturally efficient



ESSENTIAL 6[®] SPOT-ON

MOISTURIZING AND SEBO-REGULATING CARE



4 pipettes



Moisturizing and skin barrier repairing ingredients:

- Hemp and neem seed oils, rich in EFA

Sebo-regulating, anti-dandruff and deodorizing ingredients:

- Synergy of essential oils: clove, camphor, wintergreen, rosemary, turmeric, oregano, lavandin, peppermint, tea tree, cedar

Antioxidant ingredient:

- Vitamin E

Directions for use:

- 1 pipette per week for 2 months, followed by 1 pipette every 2 weeks as long as necessary.
- Small mammals > 2 kg: 1 entire pipette;
< 2 kg: 1/2 pipette (around 6 drops)



Easy to use
Helps space out shampoos
Can substitute the oral intake of omega 3 & 6

Kerato-seborrheic disorders

Drs. Bensignor, Nagata and Toomet¹

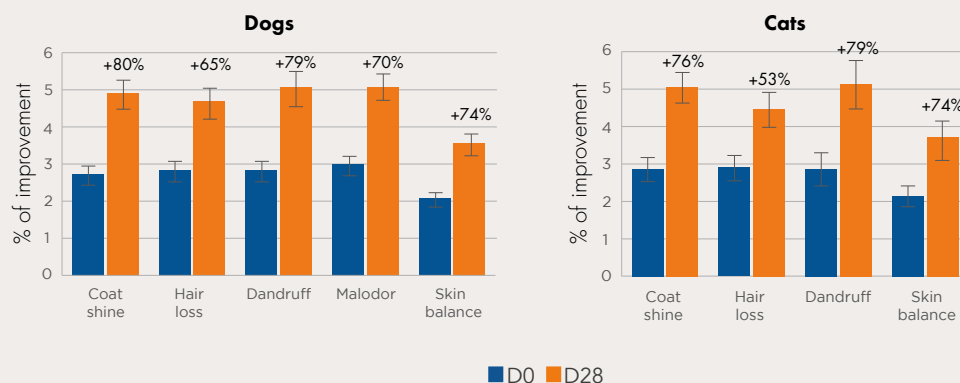
Open study

Protocol

- **210 dogs** and **79 cats**
- Weekly application of **Essential 6[®] spot-on** for 4 weeks

Results

- Improvement of all criteria



Bad odors & skin microbiota

Drs. Meason-Smith, Older, Rodrigues-Hoffmann *et al.*²

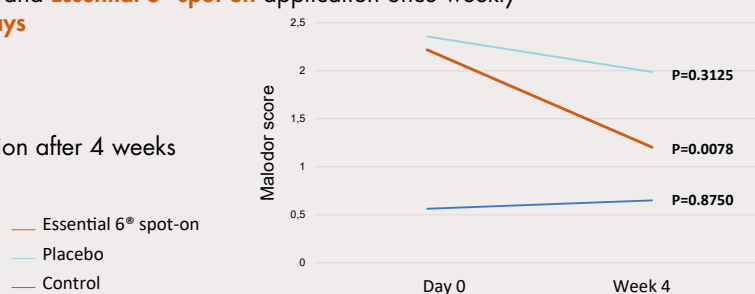
Controlled study

Protocol

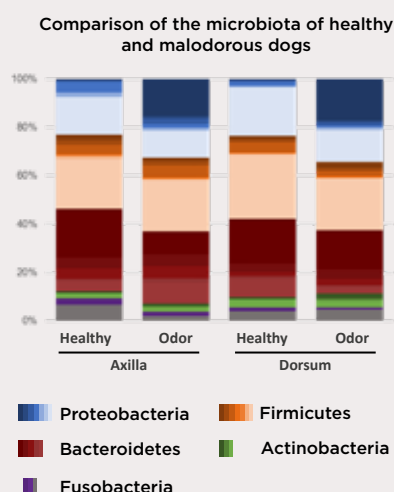
- **27 dogs** evaluated based on a score ranging from 0 (normal body odor) to 3 (severe malodor), divided into 3 groups:
 - **Control** with normal body odor
 - Malodor and **placebo** application once weekly
 - Malodor and **Essential 6® spot-on** application once weekly
- Duration: **28 days**

Results

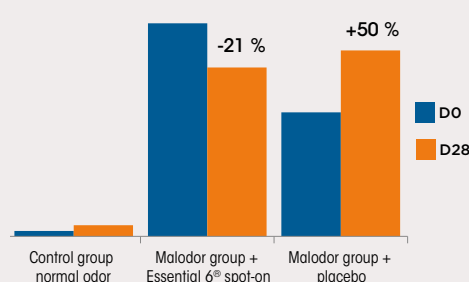
- Malodor evolution after 4 weeks of application



- Evidence of a link between microbiota and bad odor



Average relative abundance of *Psychrobacter*



- A novel association of 2 bacteria genera, *Psychrobacter* and *Pseudomonas*, with malodor is identified in this study.

Case of sebaceous adenitis³

Pr. Mueller, *et al.*

Publication in Veterinary Dermatology
February 2016 - vol. 27(1), p. 57-e18

Case of ichthyosis⁴

Dr. Olivry, *et al.*

Publication in Veterinary Dermatology
August 2016 - vol. 27(4), p. 306-e75

Summary of the articles



NEW

Sebaceous adenitis

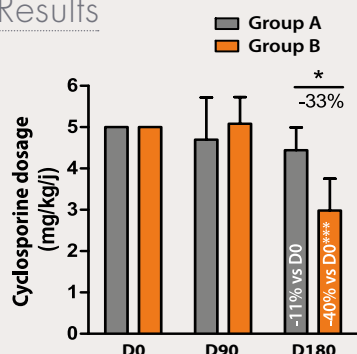
Dr. Bensignor⁵

Retrospective controlled study

Protocol

- **11 dogs** with granulomatous sebaceous adenitis
- Group A: 5 dogs receive cyclosporine (5mg/kg/j)
- Group B: 6 dogs receive cyclosporine (5mg/kg/j) + Essential 6[®] spot-on once weekly for 2 months

Results

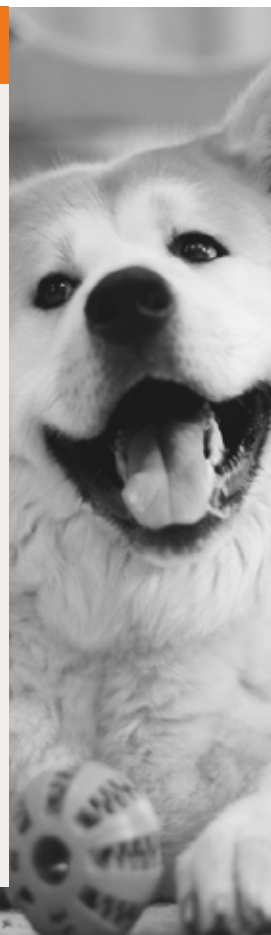


At 6 months, dogs from group B received a significantly lower dose of cyclosporine:

- Group A: 4,44 mg/kg/j, -11% vs J0
- Group B: 2,98 mg/kg/j, **-40%*** vs D0** and **-33%* vs group A**

*p<0,05, ***p<0,001

These results suggest that the application of Essential 6[®] spot-on may have a sparing effect on the use of cyclosporine in canine granulomatous sebaceous adenitis.

**NEW**

Alopecia X

Drs. Y-H. Kang, S. Hobi, C-Y. Hwang⁶

Open study

- **9 Pomeranian dogs** with Alopecia X receive Essential 6[®] spot-on once weekly and Keravita[®] food supplement once daily, for at least 6 months.

Results

Hair regrowth in **66,7%** of dogs

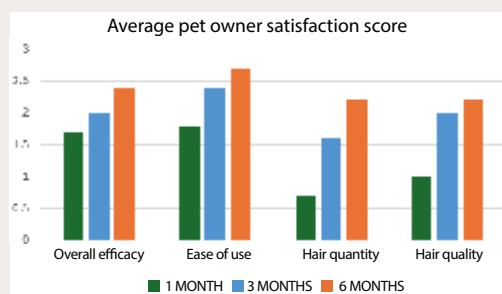
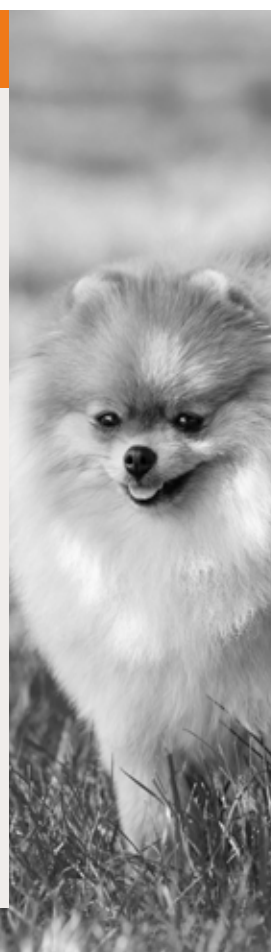


Photo of case n°6 – Growth of the coat on more than 50% of the body after 1 year of application

The synergistic use of Keravita[®] and Essential 6[®] spot-on appears to have beneficial effects on hair regrowth and skin hydration in Pomeranian dogs suffering from Alopecia X.



ESSENTIAL 6® SEBO SHAMPOO

SEBO-REGULATING SHAMPOO



200 ml

Cleansing ingredient:

- Green apple lipoamino acids

Sebo-regulating, anti-dandruff and deodorizing ingredients:

- Synergy of essential oils: clove, camphor, wintergreen, rosemary, turmeric, oregano, lavandin, peppermint, tea tree, cedar, niaouli

Moisturizing and skin barrier repairing ingredient:

- Hemp seed oil, rich in EFA

Directions for use:

Once to several times a week



Targets bad odors without masking them

ESSENTIAL MOUSSE®

CLEANSING CARE⁷



150 ml

Cleansing ingredients:

- Green apple lipoamino acids
- Saponaria extract

Deodorizing ingredients:

- Lichen extract
- Niaouli essential oil

Moisturizing, soothing and skin barrier repairing ingredients:

- Hemp seed oil, rich in EFA
- Pumpkin seed extract

Directions for use:

As often as necessary



**Easy to use
Helps space out shampoo frequency**



IN-CLINIC USE

- ▶ After anal gland expression
- ▶ Post-operation (surgery, tartar removal) to cleanse the skin and coat: residue, blood...
- ▶ Hospitalized animals who cannot be bathed
- ▶ As a courtesy service before patient discharge...



AT HOME

- ▶ Animals with an aversion to water
- ▶ Arthrosic, obese, old or convalescent animals
- ▶ Animals with recurrent malodors, yellowish/brownish secretions in small mammals
- ▶ Rapid cleansing after outdoor activities
- ▶ To reduce shampoo frequency...

DERMOSCENT BIO BALM®

REPAIRING AND PROTECTIVE CARE



Moisturizing, emollient and repairing ingredient:

- Soybean oil from responsible farming*

Soothing and purifying ingredient:

- Cajuput essential oil



Directions for use:

Once to several times a day



Keratolytic action > synergy of active ingredients + mechanical action
Organic-certified ingredients
Water-resistant texture

Nasal hyperkeratosis

Pr. Cadiergues, Dr. Catarino *et al.*⁸

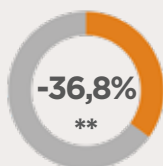
Double-blinded controlled study

- **39 dogs** with idiopathic nasal hyperkeratosis
- **Dermoscent BIO BALM®** application or placebo gel with occlusive properties

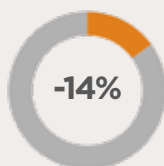
Once daily for 2 months

Results

- Total score improvement



Dermoscent
BIO BALM®



Placebo



Ease of use deemed satisfactory for more than

87,5% of users.

D0



D60



© M.C. Cadiergues - M. Catarino



*Grown in Europe, organic-certified and GMO-free

** $p < 0,01$

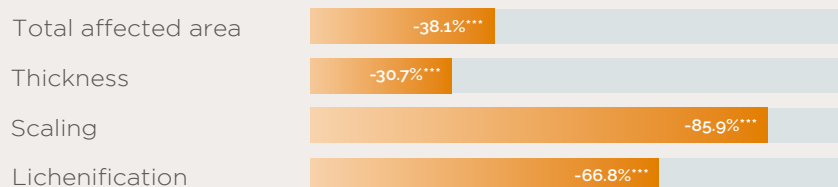
Non-infected pressure-point calluses

Pr. Cadiergues, Dr. Pressanti, Dr. Gaillard, Dr. Bensignor⁹
Open study

- **31 dogs** with one or more non-infected calluses (64 calluses)
- Application of **Dermoscent BIO BALM®** once daily
- Duration of the study: 3 months
- Evaluation criteria: lichenification (score from 0-4), squamosis (score from 0-4), thickness (measured in mm), total affected area (calculated in mm²)

Results

Reduction of clinical signs



Pet owner satisfaction rate:



Ease of use **94%**

Efficacy **83%**

*** $p < 0,001$

Pad protection and repair

Pr. Bourdeau, Dr. Bouvier *et al.*¹⁰
Controlled study

- **30 sled dogs**
- Application of **Dermoscent BIO BALM®** for 15 days on the 60 right footpads, before and after daily running. The 60 left footpads act as control.

Results

- Protective effect

2,4 times less lesions in the group with **Dermoscent BIO BALM®** (8/60) compared to the control group (19/60)

- Repairing effect

53% of the lesions disappeared after 1 day of applying **Dermoscent BIO BALM®** and **73%** after 4 days (versus 0% and 40% in the control group)

WHY INCLUDE THE ESSENTIAL LINE IN YOUR CARE PROTOCOL FOR THE **MANAGEMENT OF KERATO-SEBORRHEIC DISORDERS?**

- To **moisturize** and help **repair or reinforce the skin barrier**
- To help **rebalance the skin and coat**

SKIN AND COAT



NOSE & PADS, CALLUSES

- Nasal or pedal hyperkeratosis, non-infected pressure-point calluses: 1 to several times a day
- Pad protection and repair: before and after each outing



1. E. Bensignor, M. Nagata, T. Toomet. Preliminary multicentric open study for dermatocosmetic evaluation of a spot-on formulation composed of polyunsaturated fatty acids and essential oils on domestic carnivores. *Pratique médicale et chirurgicale de l'animal de compagnie* 2010; 45:53-57.
2. C. Meason-Smith, C. E. Older, R. Ocana, B. Dominguez, S. D. Lawhon, J. Wu, A. Patterson, A. Rodrigues-Hoffmann. Novel association of *Psychrobacter* and *Pseudomonas* with malodour in bloodhound dogs, and the effects of a topical product composed of essential oils and plant-derived essential fatty acids in a randomized, blinded, placebo-controlled study. *Veterinary Dermatology* (Déc. 2018) ; 29(6) : p.465-475 & Courte communication au congrès NAVDF 2017.
3. K. Glas, W. Von Bomhard, S. Bettenay, R. S. Mueller. Sebaceous adenitis and mural folliculitis in a cat responsive to topical fatty acid supplementation. *Veterinary Dermatology* (Fév. 2016) ; 27(1): 57-e18.
4. C. Tamamoto-Mochizuki, F. Banovic, P. Bizikova, A. Laprais, K. E. Linder, T. Olivry. Autosomal recessive congenital ichthyosis due to PNPLA1 mutation in a golden retriever-poodle cross-bred dog and the effect of topical therapy. *Veterinary Dermatology* (Août 2016) ; 27(4): 306-e75.
5. E. Bensignor, M. Larher, M. Cauquil. A spot-on product with antiseborrheic properties as a useful adjunctive treatment for granulomatous sebaceous adenitis in dogs: a comparative controlled study. WVCVD Boston 2024. Abstract dans *Veterinary Dermatology*, 2024, 36, p61.
6. Y. H. Kang, S. Hobi, C. Y. Hwang. Efficacy of an oral zinc supplement along with an essential oil spot-on in Pomeranian dogs with hair cycle arrest (alopecia X): An open-label pilot study. WVCVD Boston 2024. Abstract dans *Veterinary Dermatology*, 2024, 36, p62.
7. A. Martin-Cordero et al. Étude contrôlée sur l'utilisation d'Essential Mousse® chez des lapins ayant des désordres kérato-séborrhéiques. Mars 2019.
8. M. Catarino, C. Pressanti, P. Mimouni, M.C. Cadiergues. Control of canine idiopathic nasal hyperkeratosis with a natural skin restorative balm: a randomized double-blind placebo-controlled study. *Veterinary dermatology* (Oct. 2017); 29(2): 134-e53. Short Communication at the 2015 ESVD Congress. Thesis of Dr. Catarino at the veterinary school of Toulouse (2014).
9. E. Gaillard, C. Pressanti, M.C. Cadiergues, E. Bensignor. Control of non-infected calluses in dogs with a mixture of essential oil and essential fatty acids [Dermoscent BIO BALM®]: an open prospective study. Abstract dans *Veterinary Dermatology*, 2011, 22, p471. Courte communication au congrès ESVD 2011. Thèse du Dr. Gaillard à l'école vétérinaire de Toulouse (2011).
10. A. Bouvier, C. Thorin, H. Pouliquen, P. Bourdeau. Dermoscent BIO BALM® efficacy in preventing pedal lesions on sled dogs. Poster présenté au congrès WVCVD 2020 et abstract dans *Veterinary Dermatology*, 31 (Suppl. 1), p95. Healing effect of Dermoscent BIO BALM® on pedal lesions on sled dogs. Poster présenté au congrès WVCVD 2020 et abstract dans *Veterinary Dermatology*, 31 (Suppl. 1), p96. Thèse du Dr. A. Bouvier à l'école vétérinaire de Nantes (2020).

Scientific support
Veterinary corner
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