



The **skin barrier** is a **fragile ecosystem**  
that needs **care** and **protection**.



HELP PROTECT AND CARE FOR YOUR PATIENT'S SKIN WITH  
THE INNOVATIVE, EASY-TO-USE LINE OF DOUXO® PRODUCTS.

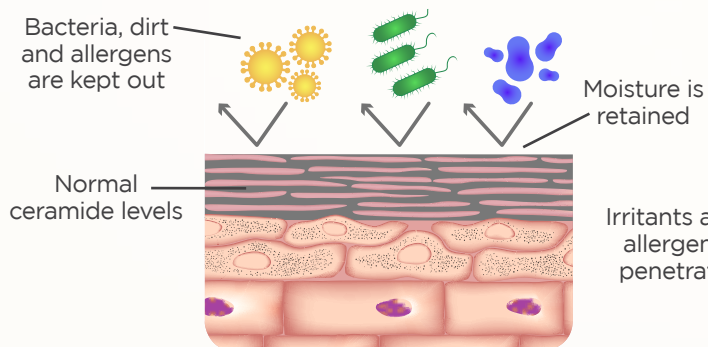
# DERMATOLOGICAL CONDITIONS ARE SOME OF THE TOP REASONS PATIENTS VISIT THE VETERINARIAN

- Reports estimate that dermatological issues are the #1 reason pet owners visit the veterinarian 
- Not only do skin issues impact the pet, the frustration and discouragement of a suffering pet negatively impacts the human-animal bond 



## THE SKIN BARRIER IS A COMPLEX AND FRAGILE ECOSYSTEM

### HEALTHY SKIN ECOSYSTEM



### BENEFITS

#### Mechanical Barrier:

- Protects against physical and chemical insults
- Maintains moisture

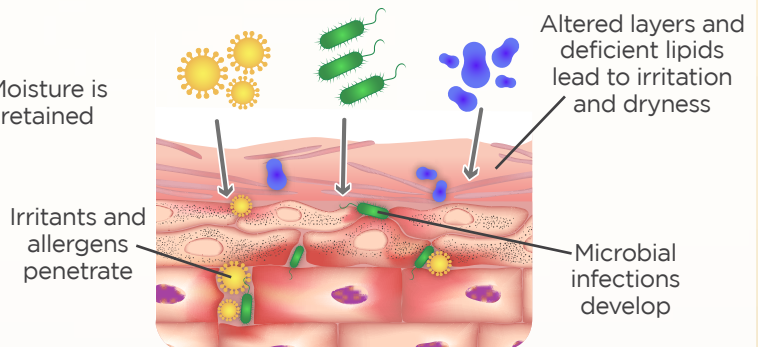
#### Microbial Barrier:

- Maintains normal flora
- Prevents overgrowth of bacteria and yeast

#### Immunological Barrier:

- Helps reduce and control inflammation

### DISRUPTED SKIN ECOSYSTEM



### NEGATIVE EFFECTS

- Immune reaction to penetrating allergens and irritants
- Predisposal to bacterial and fungal infections
- Dry skin
- Abnormal cell turnover
- Pruritus
- Water loss

1. BioSat Quantitative Study: Dermatological products for cats and dogs among 250 US Veterinary Practices. Nov 2016.

2. Hand M, Thatcher C, Remillard R, Roudebush P, Novotny B, editors. Small animal clinical nutrition. 5th ed. Topeka (KS): MMI; p.637.

3. Noli C, Minafo G, Galzerano M. Quality of life of dogs with skin diseases and their owners. Part 1: development and validation of a questionnaire. Vet Dermatol. 2011 Aug;22(4):335-43.

4. Noli C, Colombo S, Cornegliani L, Ghibaudo G, Persico P, Vercelli A, Galzerano M. Quality of life of dogs with skin disease and their owners. Part 2: administration of a questionnaire in various skin diseases and correlation to efficacy of therapy. Vet Dermatol. 2011 Aug;22(4):344-51.

5. Brief Media. Market research study report: Management of allergic and atopic patients. Nov. 2015, p. 12.

# THE **TOPIICAL SOLUTION** FOR DERMATOLOGICAL CONDITIONS

DOUXO® helps **care** and protect the skin by working on all three barriers. The DOUXO® formulas contain Phytosphingosine and complementary ingredients carefully selected to support the skin's ecosystem.

## DOUXO® HELPS YOU DELIVER SUCCESSFUL OUTCOMES FOR YOUR DERMATOLOGICAL PATIENTS

FOUR INNOVATIVE PRODUCT LINES TO HELP MANAGE THE MAJORITY OF DERMATOLOGICAL ISSUES



• **Allergies and pruritus**



• **Generalized seborrhea**



• **Bacterial and fungal skin infections**



• **Dirty ears and skin folds**

PLUS, THE PRODUCTS\* ARE AVAILABLE IN CLIENT-FRIENDLY FORMS TO SIMPLIFY PROTOCOLS AND PROMOTE CLIENT COMPLIANCE



SHAMPOO



MICRO-EMULSION  
SPRAY



MOUSSE



GEL



PADS



SPOT-ON

\*Not all products available in all forms.

# DOUXO® Calm

Help manage pruritus and inflammation associated with allergic conditions.

Allergies

**DOUXO® is the #1 topical brand used and recommended by veterinarians for dogs with atopic dermatitis.<sup>1</sup>**

## INDICATIONS:

Skin allergies such as atopic dermatitis, contact dermatitis and flea allergy dermatitis. Non-infected hot spots, pruritus, erythema and sensitive skin.

## KEY INGREDIENTS:

<b>Phytosphingosine (PS)</b>	found naturally in the stratum corneum and some skin ceramides. PS applied topically can help restore the skin barrier
<b>Pseudofilaggrin*</b>	glutamine-rich synthetic peptide (saccharomyces cerevisiae extract) that increases the ability of the skin to retain water
<b>Avenanthramides*</b>	a highly purified fraction of oatmeal extract (avena sativa kernel extract) that is rich in antioxidants and has anti-inflammatory properties
<b>STIMU-TEX® AS*</b>	a patented plant-based complex with spent grain wax, argan oil, and shea butter. It's soothing and has anti-inflammatory and antihistaminic properties (as shown through in vitro testing)
<b>SK Influx® V*</b>	combination of phytosphingosine, ceramides, cholesterol and free fatty acids to moisturize and help stimulate regeneration of the stratum corneum
<b>Hinokitiol**</b>	has antibacterial, anti-inflammatory and antifungal properties
<b>Raspberry Seed Oil**</b>	has anti-inflammatory properties and is rich in antioxidants

\*In DOUXO® Calm Shampoo and Mousse \*\*In DOUXO® Calm Micro-emulsion Spray and Gel

## BENEFITS:

- Helps interrupt the vicious cycle of pruritus
- Helps provide relief from skin inflammation
- Helps restore the skin barrier
- Moisturizing

## SUPPORTING STUDIES:

- Shampoo and Mousse protocol is clinically proven to help control pruritus in dogs.<sup>6</sup>
- Mousse helps reduce inflammation and helps restore the skin barrier in 5 days.<sup>7</sup>

## PRODUCT FORMS:

- Shampoo
- Mousse
- Micro-emulsion Spray
- Gel



6. Bensignor E, Pin D, Bourdeau P. A multicentric randomized controlled single blinded study to evaluate the value of a new protocol with a shampoo and a foam to treat canine allergic dermatitis. Prart Méd Chir Anim Comp. 2013;48(2):49–55.

7. Pin D, Bekrich M, Fantini O, Noel G, Vidémont E. An emulsion restores the skin barrier by decreasing skin pH and inflammation in a canine experimental model. J Comp Pathol. 2014 Aug-Oct;151(2-3):244–54.



# DOUXO® Chlorhexidine

Help manage skin infections that are responsive to chlorhexidine and climbazole



**DOUXO® is among the top topical brands used and recommended by US veterinarians for dogs and cats with dermatological infections/inflammation.<sup>1</sup>**

## INDICATIONS:

Bacterial and fungal skin infections

## KEY INGREDIENTS:

<b>Phytosphingosine (PS)</b>	found naturally in the stratum corneum and some skin ceramides. PS applied topically can help restore the skin barrier
<b>Chlorhexidine</b>	an antiseptic that affects both Gram+ and Gram- bacteria, including Staphylococcus and E.coli. Also anti-fungal activity against yeasts, including Malassezia and Candida
<b>Climbazole*</b>	an antifungal agent

\*Not an ingredient in Micro-emulsion spray

## BENEFITS:

- Antiseptic cleansing of the skin
- Helps provide relief from itching and inflammation associated with skin infection
- Helps restore the skin barrier
- Soothing and moisturizing

## SUPPORTING STUDY<sup>8</sup>:

Study conducted in France using EU formulation comparing efficacy of antibiotic plus DOUXO topical therapy vs. antibiotic therapy alone.

- Shampoo and Micro-emulsion spray protocol along with antibiotic treatment helps improve skin and coat health with 7 days vs. antibiotic treatment alone (as reported by pet owners).
- Weekly use of the micro-emulsion spray helps prevent relapse after the end of the antibiotic treatment compared to antibiotic treatment alone.

## PRODUCT FORMS:

- Shampoo
- Mousse
- Micro-emulsion Spray
- Pads



8. Clinical efficacy of DOUXO® Chlorhexidine PS Shampoo + DOUXO® Chlorhexidine PS Micro-emulsion Spray protocol in controlling superficial pyoderma in dogs in combination with cefalexin compared with cefalexin alone.

# DOUXO® Seborrhea

Help manage ~~kerato~~ seborrheic disorders.



**DOUXO® is the #1 topical brand used and recommended by veterinarians for dogs and cats with seborrheic dermatological diseases.<sup>1</sup>**

## INDICATIONS:

Seborrhea ~~oleosa and sicca~~

## KEY INGREDIENTS:

<b>Phytosphingosine (PS)</b>	found naturally in the stratum corneum and some skin ceramides. PS applied topically can help restore the skin barrier
<b>Boswellia Gum Extract*</b>	anti-inflammatory properties

\*In DOUXO® Seborrhea Mousse and Micro-emulsion Spray

## BENEFITS:

- Helps manage dry, combination, or scaly skin
- Helps maintain normal production of sebum and skin cell turnover
- Helps restore the skin barrier
- Moisturizing

## SUPPORTING STUDIES:

- A clinical study showed that using DOUXO® Seborrhea Shampoo and Micro-emulsion Spray is an easier and equally effective alternative to shampoo-only therapies.<sup>9</sup>

## PRODUCT FORMS:

- Shampoo
- Micro-emulsion Spray
- Mousse
-  ~~Spot-on~~



# DOUXO® Micellar

**A gentle, soothing cleanser for ears and skin folds.**

## INDICATIONS:

Cleans ear canals, eye contours, soiled and matted hair, skin folds and greasy skin associated with seborrheic conditions

## KEY INGREDIENTS:

<b>Phytosphingosine (PS)</b>	found naturally in the stratum corneum and some skin ceramides. PS applied topically can help restore the skin barrier
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## BENEFITS:

- Gently cleans, soothes and degreases
- Helps emulsify and rinse out oily, waxy debris
- Helps restore the skin barrier
- Moisturizing

**PRODUCT FORMS:** Micellar Solution



9. Bourdeau P. Method for evaluation of topical treatment in seborrheic dogs: application to a comparison of 3 protocols using new concepts. Abstract presented at: NAVDF 2006. 21st Annual Conference of the North American Veterinary Dermatology Forum; Apr. 2006.



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**[www.douxo.com](http://www.douxo.com)**



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