



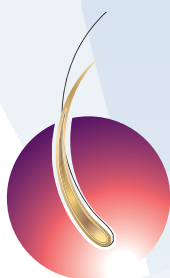
CLXWipes®

Humidified wipes



Uncontrolled study on the field of the use of an association of climbazole, chlorhexidine and Tris-EDTA (CLX Wipes®) for the treatment of *Malassezia spp.* and bacterial overgrowth.

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Evolution of
Knowledge

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INTRODUCTION

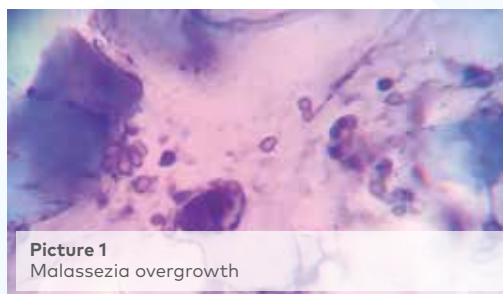
The study included ten dogs with bacterial and/or yeast overgrowth in cutaneous locations like interdigital spaces (4 dogs), facial folds (3 dogs) or other cutaneous areas (5 dogs).

The animals presented lesions like erythema, alopecia, hyperpigmentation and lichenification, associated with pruritus of different intensity.

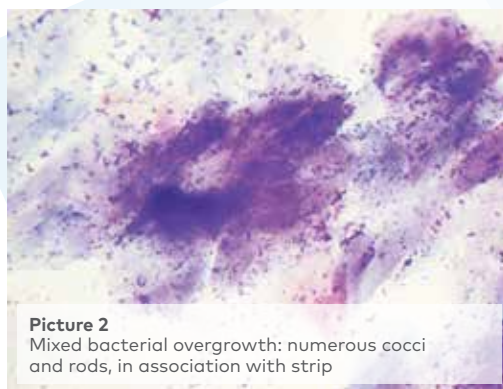
The diagnosis of overgrowth was obtained with cytological examination of the cutaneous lesions using the clear adhesive tape technique followed by staining with a rapid Romanowsky stain (Diff-Quick®). Of the ten dogs evaluated, three showed an overgrowth of *Malassezia*, while the other seven, had bacterial overgrowth, both cocci and mixed (cocci and rods)

All animals were treated with a topical Climbazole 0,5 and Chlorhexidine 0,3% therapy without the help of other systemic or topical therapies.

The dogs were visited on days 0 and 14, and during each control swabs for cytology were obtained to evaluate the decrease in numbers of the microorganisms; one dog (case 5) was subjected to a prolonged treatment with controls on days 0, 14, 30, 60 and 90 since it had extensive lesions on the ventral neck.



Picture 1
Malassezia overgrowth



Picture 2
Mixed bacterial overgrowth: numerous cocci and rods, in association with strip

CONCLUSIONS

The use of humidified wipes once a day allowed a good control of secondary infections with a marked reduction of the lesions and the numbers of bacteria and yeasts.

We emphasize the practicality of using **CLX Wipes®** in areas often difficult to clean properly, like cutaneous folds and interdigital spaces; therapy with the wipes **is a valid alternative to shampooing**, thanks to their ease of use and less time employed.

The use of **CLX Wipes®** allows also to limit the use of systemic antibiotics and antimycotics.

No dog presented adverse cutaneous reactions associated with the use of the product.

Clients were very satisfied both with the simplicity of the treatment and with the good results obtained.

CASE	SEX	BREED	AGE	CYTOLOGY REPORT
1. Argo	M	Cavalier King Charles	3AA	MOG
2. Bea	FS	English Bulldog	3AA	BOG
3. Bullo	M	English Bulldog	4AA	BOG
4. Nuvola	FS	English Bulldog	10AA	BOG
5. Luana	FS	Mixed Breed	4AA	BOG
6. Bibi	F	Pomeranian	9AA	MOG
7. Maggie	F	Shih-Tzu	6AA	MOG
8. Pepito	M	English Bulldog	3AA	BOG
9. Nikita	F	German Shepherd	7AA	BOG
10. Rollo	M	French Bulldog	4AA	BOG



CLINICAL CASES

CASE 1

Argo - Cavalier king charles

Cytology report: MOG

BEFORE APPLICATION



AFTER APPLICATION



CASE 2

Bea - English Bulldog

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION



BEFORE APPLICATION



AFTER APPLICATION



CASE 3

Bullo - English Bulldog

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION



CASE 4

Nuvola - Hound

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION



CASE 5

Luana - Mixed breed

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION



BEFORE APPLICATION



AFTER APPLICATION



CASE 6

Bibi - Pomeranian

Cytology report: MOG

BEFORE APPLICATION



AFTER APPLICATION



CASE 7

Maggie - Shih-Tzu

Cytology report: MOG

BEFORE APPLICATION



AFTER APPLICATION

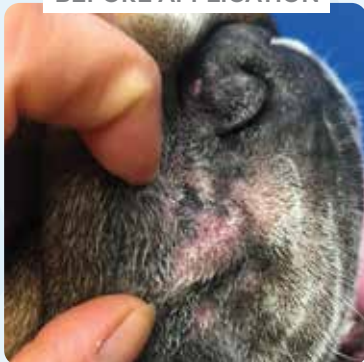


CASE 8

Pepito - English Bulldog

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION



BEFORE APPLICATION



AFTER APPLICATION



CASE 9

Nikita - German Shepherd

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION

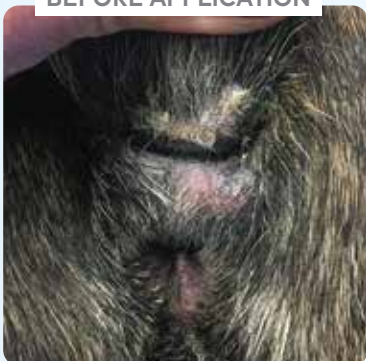


CASE 10

Rollo - French Bulldog

Cytology report: BOG

BEFORE APPLICATION



AFTER APPLICATION





eye on patient,
mind on innovation

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