



# Their protection starts today

Broad-spectrum  
internal parasiticide



**over**<sup>®</sup>  
VETERINARY MEDICINE

**overmix**  
SUSPENSIÓN

# Protection from the beginning

A parasite is an organism whose survival depends on the resources of another species, which it feeds on. The first classification divides them into two main groups: endoparasites and ectoparasites. Endoparasites are those that live inside the host. Within this group, there are those that live inside the host's cells and those that do not.

Coccidia are protozoa with a complex biological cycle that develop inside the cells, causing severe damage when infestations are high. Nematodes, commonly known as roundworms, mostly live in the intestinal lumen and do not occupy the interior of the cells. These two life forms have a significant impact on pet health, especially when their presence is not diagnosed and controlled early.



**OVERMIX SUSPENSION** has been developed for the treatment of the most prevalent and pathogenic endoparasites affecting pets. This formulation combines three active ingredients: **toltrazuril**, which has specific action against coccidia, and the combination of pyrantel and febantel, which targets nematodes.

**toltrazuril** *Isospora spp*



**COCCIDIA**

+

**pyrantel**



**NEMATODES**

+

**febantel**

*Ancylostoma spp*  
*Toxocara spp*  
*Trichuris vulpis*



# Efficacy trial of a parasiticide suspension based on toltrazuril, pyrantel pamoate, and febantel in canines

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## OBJECTIVE:

Verifying the efficacy of **OVERMIX SUSPENSION** against natural infestations caused by coccidia of the genus *Isospora spp* and nematodes of the genus *Ancylostoma spp*, *Toxocara spp*, and *Trichuris vulpis*.

## MATERIALS AND METHODS:

Individual fecal samples were collected in polyethylene bags. Then, using the McMaster quantitative technique, the oocyst count was performed. The study included canines with a minimum burden of 100 opg. To evaluate the efficacy of **OVERMIX SUSPENSION** against coccidia, samples were taken on days 3, 7, 14, and 21 post-administration.

## RESULTS:

Table 1 shows the oocyst counts before and after treatment against *Isospora spp*.

Table 2 shows egg counts before and after treatment for the genus *Ancylostoma spp*. and *Toxocara spp*.

**Table 1:** Oocysts per gram of feces (opg) and efficacy percentage against *Isospora spp*. on day 0 and on days 3, 7, 14, and 21

<i>Isospora spp</i>					
	DAY 0	DAY 3	DAY 7	DAY 14	DAY 21
CANINE 1	120	20	0	0	0
CANINE 2	180	40	0	0	0
CANINE 3	420	160	0	0	0
CANINE 4	540	360	0	0	0
CANINE 5	160	0	40	0	0
CANINE 6	180	80	0	0	0
AVERAGE	266.7	110	6.7	0	0
EFFICACY	N/A	59%	97.5%	100%	100%





**Table 2:** Eggs per gram of feces (hpg) and efficacy percentage against *Ancylostoma spp.* and *Toxocara spp.* on day 0 and on days 7, 14, and 21

<i>Ancylostoma spp</i>				
	DAY 0	DAY 7	DAY 14	DAY 21
CANINE 1	360	0	0	0
CANINE 2	440	0	0	0
CANINE 3	540	0	0	0
CANINE 4	520	0	0	0
CANINE 5	840	20	0	0
CANINE 6	460	0	0	0
AVERAGE	527	0	0	0
EFFICACY	N/A	99%	100%	100%

  

<i>Toxocara spp</i>				
	DAY 0	DAY 7	DAY 14	DAY 21
CANINE 1	180	0	0	0
CANINE 2	280	0	0	0
CANINE 3	480	20	30	0
CANINE 4	280	0	0	0
CANINE 5	440	0	0	0
CANINE 6	360	0	0	0
AVERAGE	336.7	3.3	3.3	0
EFFICACY	N/A	99%	99%	100%

**Table 3:** Eggs per gram of feces (hpg) and efficacy percentage against *Trichuris vulpis* on day 0 and on days 30, 60, and 90

<i>Trichuris vulpis</i>				
	DAY 0	DAY 30	DAY 60	DAY 90
CANINE 1	140	0	0	0
CANINE 2	240	0	20	0
CANINE 3	180	0	0	0
CANINE 4	260	0	20	0
CANINE 5	160	0	0	0
CANINE 6	180	0	0	40
AVERAGE	193.3	0	6.7	6.7
EFFICACY	N/A	100%	96.53%	96.53%

**CONCLUSIONS:** The efficacy of OVERMIX SUSPENSION against *Isospora spp.* fwas over 95% by day 7 of treatment, and 100% thereafter. Against the nematodes *Ancylostoma spp.*, *Toxocara spp.* and *Trichuris vulpis*, efficacy remained above 95% throughout the study period.

# overmix

## SUSPENSION

**DESCRIPTION:** Broad-spectrum internal parasiticide.

**FORMULA:** Every 100 ml contains:

Toltrazuril.....5 g  
Pyrantel pamoate ..... 10.8 g  
Febantel.....3.75 g  
Formulation agents ..... e.q.

**ANIMAL SPECIES TO WHICH IT IS DESTINED:** Canines.

**INDICATIONS:** Treatment and prevention of coccidia of the genus *Isospora spp* and nematodes of the genus *Ancylostoma spp*, *Ascaris spp* and *Trichuris vulpis* in puppies, adult females from the second week after parturition, and adult animals in general.

**DOSAGE:** Administer at a dose of 0.4 ml of suspension per kg of body weight.

### DOSAGE SCHEDULE

Animal Weight (kg)	Suspension (ml)
0.5	0.2
1	0.4
2	0.8
3	1.2
4	1.6
5	2
6	2.4
7	2.8
8	3.2
9	3.6
10	4

**ADMINISTRATION ROUTE:** Administer orally, directly into the mouth or with food, ensuring that the food is consumed immediately and completely.

**PRESENTATION:** Bottles with a net content of 50 ml. Includes dosing syringe.

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