

Table S1. Puppy characteristics at the start of the trial (T0).

Characteristic	Control group (CG), number (%)	Treated group (TG), number (%)	Fisher's exact test
General			
Sex			
Male	28 (47)	32 (53)	<i>P</i> = 0.584
Female	32 (53)	28 (47)	
Size			
Small	30 (50)	28 (47)	<i>P</i> = 0.884
Medium	19 (32)	22 (37)	
Large	11 (18)	10 (16)	
Clinical condition			
Mild	12 (20)	9 (15)	<i>P</i> = 0.685
Moderate	30 (50)	34 (57)	
Severe	18 (30)	17 (28)	
Sensorium condition			
Alert	15 (25)	15 (25)	<i>P</i> > 0.99
Depressive	45 (75)	45 (75)	
Vaccination			
Yes	40 (67)	41 (33)	<i>P</i> > 0.99
No	20 (33)	19 (67)	
Current clinical conditions			
Dehydration			
Mild	14 (23)	15 (25)	<i>P</i> = 0.494
Medium	27 (45)	32 (53)	
Severe	19 (32)	13 (22)	
Respiratory signs			
Yes	8 (13)	16 (27)	<i>P</i> = 0.109
No	52 (87)	44 (73)	
Respiratory history			
Yes	1 (2)	0 (0)	<i>P</i> = 0.99
No	59 (89)	60 (100)	
Anorexia			
Yes	47 (78)	49 (82)	<i>P</i> = 0.820
No	13 (22)	11 (18)	
Gastroenteritis history			
Yes	4 (7)	4 (7)	<i>P</i> = 0.99
No	56 (93)	56 (93)	
Previous antibiotic therapy			
Yes	0 (0)	1 (2)	<i>P</i> = 0.99
No	60 (100)	59 (98)	
Current clinical signs			
Diarrhea			
Yes	60 (100)	55 (92)	<i>P</i> = 0.057
No	0 (0)	5 (8)	
Fever			
Yes	41 (68)	37 (62)	<i>P</i> = 0.566
No	19 (32)	23 (38)	
Vomiting			
Yes	48 (80)	43 (72)	<i>P</i> = 0.394
No	12 (20)	17 (28)	
Feeding			
Type			
Balanced	51 (85)	42 (70)	<i>P</i> = 0.062
Balanced/homemade	6 (10)	7 (12)	
Homemade	3 (5)	11 (18)	
Feeding changes			
Yes	7 (12)	16 (27)	<i>P</i> = 0.062
No	53 (88)	44 (73)	
Feed quality			
Bad	15 (25)	12 (20)	<i>P</i> = 0.081
Medium	22 (37)	34 (57)	
Good	23 (38)	14 (23)	
Indigestion/excess			
Yes	20 (33)	29 (48)	<i>P</i> = 0.068
No	40 (67)	31 (52)	

Table S2. Evaluation of feces from puppies in the control group (CG) and treated group (TG) at the start of the trial (T0).

Fecal examination	CG, number (%)	TG, number (%)	Fisher's exact test
Microscopic			
Blood			
Yes	25 (42)	33 (55)	$P = 0.201$
No	35 (58)	27 (45)	
Mucus			
Yes	48 (80)	44 (73)	$P = 0.518$
No	21 (20)	21 (67)	
Macroscopic			
Blood			
Yes	25 (42)	33 (55)	$P = 0.201$
No	35 (58)	27 (45)	
Mucus			
Yes	52 (87)	45 (75)	$P = 0.163$
No	8 (13)	15 (25)	
Parasitized feces			
Yes	26 (43)	28 (47)	$P = 0.855$
No	34 (57)	32 (53)	