

Table S1: Hematology and blood chemistry test: OG and TG group of dogs that received CBD for 30 days.

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The obtained data were subjected to compare between three different time points by repeated measure ANOVA, with probability values less than 0.05 considered statistically significant.

Parameter (Abbreviation; normal range)	Date	CBD-oil (OG group)			CBD-treat (TG group)		
		Mean	SD	P value	Mean	SD	P value
Red blood cell RBC (4.95 - 7.87 10^6 /uL)	Day0	6.31	0.58	0.004	6.8	1.07	0.254
	Day15	6.74	0.54		7.5	1.17	
	Day30	6.95	0.29		6.87	1.17	
Hemoglobin HGB (11.9-18.9 g/dL)	Day0	14.59	1.14	0.002	15	2.41	0.277
	Day15	15.78	1.28		16.63	2.05	
	Day30	16.36	0.67		15.65	2.65	
Hematocrit HCT (35-57 %)	Day0	44.76	3.43	0.019	46.18	6.98	0.654
	Day15	46.09	3.82		48.75	6.04	
	Day30	48.58	1.40		46.75	7.48	
Mean corepuscular volume MCV (66-77fL)	Day0	71.1	2.75	0.001	67.96	3.41	<0.001
	Day15	68.41	2.10		65.3	2.67	
	Day30	69.93	1.81		68.28	2.73	
Mean corepuscular hemoglobin MCH (21-26.2pg)	Day0	23.2	1.24	0.317	22.09	1.07	0.007
	Day15	23.43	1.03		22.28	1.09	
	Day30	23.55	0.76		22.81	0.98	
Mean corepuscular hemoglobin concentration MCHC(21-26.2g/dl)	Day0	32.58	0.68	<0.001	32.46	0.69	0.003
	Day15	34.28	1.07		34.13	1.00	
	Day30	33.65	0.55		33.45	0.80	
Platelet count PLT (211-621 10^3 /uL)	Day0	257.13	32.74	0.004	282.25	36.88	0.078
	Day15	246.75	39.19		251.75	46.43	
	Day30	283	43.74		234.75	44.76	
Red cell Distribution Width-SD RDW-SD (39-46fL)	Day0	33.36	2.43	0.249	31.98	1.91	0.711
	Day15	31.84	3.05		31.31	3.94	
	Day30	32.4	1.73		32.31	3.32	
Red cell Distribution Width-CV RDW-CV (11.6-14.6%)	Day0	12.65	0.37	0.605	13.45	1.40	0.351
	Day15	13.06	1.25		14.3	2.91	
	Day30	12.98	1.22		13.63	1.74	
Platelet Distribution Width PDW (9.1-19.4fL)	Day0	13.9	5.27	0.625	14.6	7.83	0.538
	Day15	13.84	5.45		12.68	6.67	

	Day30	13.76	2.35		13.9	5.35	
Mean Platelet Volume	Day0	11.13	0.78	0.023	11.21	0.79	0.062
MPV (8.7-13.2fL)	Day15	11.13	0.77		10.48	0.74	
	Day30	10.73	0.88		10.66	0.61	
Platelet Large Cell Ratio	Day0	36.95	6.67	0.003	37.69	6.03	0.077
P-LCR (%)	Day15	35.86	7.32		31.89	6.74	
	Day30	32.39	7.94		32.2	5.26	
Plateletcrit	Day0	0.16	0.08	0.906	0.11	0.06	0.074
PCT (0.14-0.46%)	Day15	0.18	0.04		0.13	0.08	
	Day30	0.17	0.06		0.17	0.07	
Nucleated red blood cell	Day0	0.01	0.04	0.293	0.05	0.05	0.918
NRBC (0-1%)	Day15	0.01	0.04		0.04	0.08	
	Day30	0.05	0.08		0.05	0.05	
White blood cell	Day0	10.84	3.06	0.110	11.84	2.90	0.082
WBC (5-14.1 10 ³ /uL)	Day15	9.24	2.57		9.2	2.19	
	Day30	9.81	2.14		10.57	2.11	
Neutrophils	Day0	6.05	2.05	0.046	7.35	2.77	0.114
NEUT (2.9-12 10 ³ /uL)	Day15	5.68	2.02		4.97	1.53	
	Day30	7.08	1.81		7.22	2.55	
Lymphocytes	Day0	2.56	0.54	0.010	3.17	0.92	0.173
LYMPH (0.4-2.9 10 ³ /uL)	Day15	2.31	0.67		3.14	0.88	
	Day30	1.8	0.55		2.56	1.15	
Monocytes	Day0	0.5	0.20	0.253	0.5	0.13	0.317
MONO (0.1-1.4 10 ³ /uL)	Day15	0.4	0.17		0.41	0.13	
	Day30	0.39	0.14		0.51	0.15	
Eosinophils	Day0	1.72	0.97	0.001	1.41	0.53	<0.001
EO (0-1.3 10 ³ /uL)	Day15	0.84	0.27		0.47	0.18	
	Day30	0.53	0.18		0.47	0.17	
Basophils	Day0	0.02	0.01	0.084	0.03	0.01	0.044
BASO (0-0.14 10 ³ /uL)	Day15	0.02	0.01		0.02	0.01	
	Day30	0.01	0.01		0.02	0.01	
Blood urea nitrogen	Day0	18.25	4.77	0.086	20.5	4.14	0.520
BUN (8-28 mg%)	Day15	18	3.51		20.5	3.96	
	Day30	15	2.83		22.25	2.87	
Creatinine	Day0	1.2	0.16	0.036	1.24	0.19	0.044
CRE (0.50-1.70 mg%)	Day15	1.09	0.11		1.05	0.16	

	Day30	1.08	0.13		1.07	0.14	
Alanine aminotransferase	Day0	27.25	5.63	0.121	30.13	9.60	0.015
ALT (10-109 U/L)	Day15	20.75	8.91		23	6.63	
	Day30	26.13	10.26		26.13	8.74	
Aspartate aminotransferase	Day0	13.5	1.20	0.032	13.5	1.60	0.824
AST (13-15)	Day15	14.75	1.16		13.38	1.69	
	Day30	15	2.33		13.75	1.98	
Alkaline phosphatase	Day0	45.13	16.09	0.414	38	14.55	0.004
ALP (8-76 U/L)	Day15	42.13	21.50		31.75	16.19	
	Day30	54.38	43.12		41.88	18.89	
PROTEIN biuret	Day0	5.91	0.27	0.002	6.09	0.44	0.011
PROTEIN biuret (5.4-7.5 g/dl)	Day15	6.35	0.30		6.69	0.44	
	Day30	6.39	0.27		6.86	0.54	
ALBUMIN	Day0	3.09	0.15	0.000	3.09	0.14	0.001
ALBUMIN (2.3-3.1g/dl)	Day15	3.25	0.19		3.48	0.23	
	Day30	3.46	0.25		3.5	0.25	
AMYLASE	Day0	170.75	20.63	0.014	164.63	23.48	0.002
AMYLASE (226-1,063 U/L)	Day15	220.63	54.37		211.38	28.48	
	Day30	212	62.47		205.63	36.97	