

Appendix 2.

Effect of the addition of the tested supplement to diet on: Body weight (BW), Body Condition Score (BCS), Hematocrit (HCT), Hemoglobin (HB), Red Blood Cells (RBC), White Blood Cells (WBC), Platelets (PLTS), creatinine (CREA), blood urea nitrogen (BUN), Symmetric Dimethylarginine (SDMA)), and urinary parameters (urinary protein concentration (UP) (mg/dl), urine protein-to-creatinine ratio (UPC), blood pressure (BP), aspartate aminotransferase (AST), alkaline phosphatase (ALP) and bilirubin (BIL), C-reactive protein (CRP) and Reactive Oxygen Metabolite- derived compound (d-ROMs), total protein (TP), glucose (GLU), phosphorus (P) and ionized calcium (iCA)

Parameter	CG	TG	SE	P-value
BW (Kg)				
T 0	14.46	15.53	1.74	0.8057
T 30	14.23	15.10	1.74	0.7881
T 60	14.33	16.05	1.74	0.7652
T 90	14.45	16.03	1.74	0.7873
BCS				
T 0	4.33	4.19	1.19	0.2
T 30	4.07	4.03	1.19	0.2
T 60	4.99	4.24	1.19	0.2
T 90	4.17	4.28	1.19	0.2
HCT %				
T 0	30.56	32.38	1.28	0.9719
T 30	30.85	32.73	1.28	0.9665
T 60	30.84	32.70	1.28	0.9684
T 90	30.57	32.46	1.28	0.9658
HB g/dL				
T 0	12.05	11.88	0.66	1.0000
T 30	12.14	11.77	0.66	0.9999
T 60	12.15	11.79	0.66	0.9999
T 90	11.97	12.45	0.66	0.9995
RBC 10⁶ mm³				
T 0	5.77	5.75	0.16	1.0000
T 30	5.79	5.69	0.16	0.9999
T 60	5.69	5.83	0.16	0.9991
T 90	5.80	5.83	0.16	1.0000
WBC 10³ mm³				
T 0	10.75	9.40	0.54	0.6493
T 30	10.95	9.50	0.54	0.5563
T 60	10.98	9.63	0.54	0.6436
T90	10.70	9.33	0.54	0.6321
PLTS n^ox10³/μl				
T 0	366.72	320.39	28.71	0.9457
T 30	372.24	313.63	28.71	0.8342
T 60	371.75	313.12	28.71	0.8340
T 90	365.42	318.60	28.71	0.9426
BP (mm Hg)				
T 0	142.00	143.00	1.99	1.000
T 30	150.00	136.00	1.99	<.0001*
T 60	153.67	136.33	1.99	<.0001*

T 90	156.67	134.00	1.99	<.0001*
CREA (mg/dL)				
T 0	3.24	3.16	0.08	0.9974
T 30	3.31	3.15	0.08	0.8495
T 60	3.27	3.12	0.08	0.8969
T 90	3.25	3.19	0.08	0.9992
BUN (mg/dL)				
T 0	131.46	113.53	5.30	0.2591
T 30	143.95	111.22	5.30	0.0009*
T 60	156.31	110.93	5.30	<.0001*
T 90	168.93	106.67	5.30	<.0001*
SDMA µg/dl				
T 0	34.40	33.60	0.81	0.9968
T 30	35.60	33.53	0.81	0.6179
T 60	35.07	33.00	0.81	0.6179
T 90	35.80	32.40	0.81	0.0716
UP (mg/dL)				
T 0	235.73	239.92	7.80	0.9999
T 30	243.59	233.48	7.80	0.9836
T 60	255.85	228.54	7.80	0.2197
T 90	269.63	223.73	7.80	0.0019*
UPC				
T 0	0.73	0.66	0.04	0.8518
T 30	0.81	0.55	0.04	<.0001*
T 60	0.88	0.44	0.04	<.0001*
T 90	0.96	0.35	0.04	<.0001*
AST (UI/L)				
T 0	52.95	44.12	2.57	0.2406
T 30	53.22	47.13	2.57	0.7032
T 60	53.29	42.92	2.57	0.0960
T 90	53.17	44.50	2.57	0.2624
ALP (UI/L)				
T 0	203.98	166.25	11.74	0.3211
T 30	203.20	162.45	11.74	0.2298
T 60	203.39	166.25	11.74	0.3412
T 90	203.07	167.77	11.74	0.4074
BIL (mg/dL)				
T 0	0.31	0.24	0.04	0.8447
T 30	0.32	0.23	0.04	0.6156
T 60	0.31	0.20	0.04	0.3641
T 90	0.34	0.25	0.04	0.6156
CRP mg/dl				
T 0	0.66	0.53	0.07	0.8904
T 30	0.67	0.50	0.07	0.7020
T 60	0.74	0.47	0.07	0.1487
T 90	0.84	0.44	0.07	0.0046*
d-ROMs U CARR				
T 0	114.85	112.13	2.18	0.9871
T 30	120.45	105.53	2.18	0.0002*
T 60	124.71	101.73	2.18	<.0001*
TP (mg/dL)				
T 0	5.70	5.59	0.13	0.9991
T 30	5.50	5.85	0.13	0.5712
T 60	5.33	6.01	0.13	0.0094*
T 90	5.19	6.11	0.13	<.0001*
GLU (mg/dL)				
T 0	88.15	88.01	1.88	1.0000
T 30	86.83	87.99	1.88	0.9999
T 60	85.57	88.16	1.88	0.9769
T 90	89.09	88.48	1.88	1.0000
P (mg/dL)				
T 0	8.11	7.64	0.19	0.6295

T 30	8.36	7.39	0.19	0.0102
T 60	8.60	7.18	0.19	<.0001*
T 90	8.83	6.93	0.19	<.0001*
iCA (mmol/L)				
T 0	1.344	1.347	0.010	0.9954
T 90	1.339	1.355	0.010	0.6800

Source. Least square means \pm SE from the performed mixed model in control (CG) and treated (TG) groups. Results are presented for the entire trial period and for each experimental time. T0 (day 0), T30 (day 30), T60 (day 60) and T90 (day 90). *p-values <0.01 were considered significant.