

Table (1): Hematological changes in the control and affected layers with visceral gout before and after treatment (mean \pm S.E)

<div>Paramaters</div> <div>Groups</div>	First sample at the begin of experiments				Second sample after two weeks				Third sample after three weeks			
	Hb gm/dl	RBCs ($\times 10^6$ ul	PCV %	Blood PH	Hb gm/dl	RBCs $\times 10^6$ ul	PCV %	Blood PH	Hb gm/dl	RBcs $\times 10^6$ ul	PCV %	Blood PH
Group1	8.77 ± 0.14	2.8 \pm 0.07	29.0 ± 1.14	6.48 ± 0.12	9.00 ± 0.35	3.04 ± 0.32	30.0 ± 0.7	4.6 ± 0.06	8.5 ± 0.17	2.9 ± 0.1	29.2 ± 0.86	6.7 ± 0.11
Group2	11.00* ± 0.7	4.19** ± 0.32	35.0* ± 2.02	8.6** ± 0.27	12.0** ± 0.79	4.48* ± 0.28	36.0** ± 1.5	7.5* ± 0.22	11.5*** ± 0.35	4.26** ± 0.32	38.0** ± 1.5	7.9** ± 0.24
Group3	10.8** ± 0.17	4.04** ± 0.2	34.6* ± 1.8	7.8*** ± 0.16	10.1 ± 0.64	3.9 ± 0.31	33.0 ± 0.5	7.1 ± 0.1	9.8* ± 0.4	3.5 ± 0.22	32.0 ± 1.0	7.0 ± 0.07
Group4	10.5** ± 0.35	3.8** ± 0.23	32.9* ± 1.1	7.54** ± 0.19	9.14 ± 0.42	3.32* ± 0.27	30.8** ± 1.15	6.4* ± 0.3	8.08*** ± 0.31	2.8*** ± 0.26	28.0** ± 0.65	6.0** ± 0.35

* $P \leq 0.05$

** $P \leq 0.01$

*** $P \leq 0.001$

Table (2): Biochemical changes in the control and affected layer with visceral gout before and after treatment (mean \pm S.E).

Paramaters Groups	First sample at the begin of experiments					Second sample after two weeks					Third sample after three weeks				
	UA mg/dl	Na mg/dl	K mg/dl	Cl mg/dl	T. protein gm/dl	UA mg/dl	Na mg/dl	K mg/dl	Cl mg/dl	T. protein gm/dl	UA mg/dl	Na mg/dl	K mg/dl	Cl mg/dl	T. protein gm/dl
Group 1	5.2 \pm 0.15	5.5 \pm 0.1	143.0 \pm 2.12	5.5 \pm 0.07	4.2 \pm 0.16	4.8 \pm 0.11	5.36 \pm 0.27	145 \pm 107	5.64 \pm 0.26	4.3 \pm 0.11	5.06 \pm 0.33	5.4 \pm 0.14	147.0 \pm 1.5	5.84 \pm 0.12	4.5 \pm 0.1
Group 2	20.0 ^{***} \pm 1.14	7.5 ^{***} \pm 0.27	131.0 ^{**} \pm 3.16	4.5 ^{**} \pm 0.27	7.0 ^{***} \pm 0.29	15.0 ^{***} \pm 0.7	7.08 [*] \pm 0.45	132 ^{**} \pm 2.2	4.7 ^{**} \pm 0.23	6.5 ^{***} \pm 0.2	18.0 ^{***} \pm 1.14	8.00 ^{***} \pm 0.35	130.0 ^{***} \pm 3.64	4.12 ^{***} \pm 0.15	6.8 ^{***} \pm 0.18
Group 3	18.5 ^{***} \pm 1.23	7.2 ^{***} \pm 0.14	130.0 ^{**} \pm 2.02	3.8 ^{***} \pm 0.11	6.8 ^{***} \pm 0.07	10.0 ^{**} \pm 0.79	6.22 \pm 0.17	138.0 \pm 1.64	5.02 \pm 0.16	5.5 [*] \pm 0.22	8.2 ^{***} \pm 0.53	6.0 ^{**} \pm 0.34	138.5 [*] \pm 2.02	5.22 ^{**} \pm 0.14	4.9 ^{***} \pm 0.2
Group 4	17.44 \pm 0.78	7.54 ^{***} \pm 0.15	133.0 ^{**} \pm 1.84	4.22 ^{***} \pm 0.08	6.92 ^{**} \pm 0.21	4.56 ^{***} \pm 0.39	4.72 ^{***} \pm 0.3	140.0 [*] \pm 2.02	5.52 [*] \pm 0.19	4.8 ^{***} \pm 0.14	3.98 ^{***} \pm 0.32	4.4 ^{***} \pm 0.13	144.0 ^{**} \pm 108	5.56 ^{***} \pm 0.18	4.22 ^{***} \pm 0.14

* P \leq 0.05

** P \leq 0.01

*** P \leq 0.001

