Table (1): Hemogram of rams at 1^{st} and 2^{nd} weeks post s/c administration of ivermectin (0.2mg kg⁻¹) or Rafoxanide (3mh kg¹ and their combinations (n=5).

Parameters	Control	(Ivermectin treated group)		`	xanide group)	(Ivermectin + rafoxanide treated group)		
group	group	1 st week	2 nd week	1 st week	2 nd week	1 st week	2 nd week	
WBCs (10 ³ /μl)	7.71±0.381ab	7.53±0.03 ^{abc}	7.75±0.107 ^a	6.08±0.266 ^d	5.67±0.054 ^{fg}	5.69±0.227 ^{ef}	5.93±0.27 ^{de}	
RBCs (106/μl)	7.84±0.233*	4.27±0.177 ^{def}	4.55±0.100°	4.05±0,034 ^{fg}	4.32±0.049 ^{cde}	5.87±0.140 ^b	4.48±0.282 ^{cd}	
Hb (g/dl)	11.05±0.07ª	10.5±0.089 ^{cde}	10.71±0.01 ^{abc}	10.51±0.325bcd	8.3±0.894 ^g	9.48±0.219 ^f	10.9±0.045 ^{ab}	
PCV (%)	34.41±0.515ª	13.55±0.649 ^{cdef}	14.23±0.169 ^{cde}	12.85±0.096 ^{efg}	13.69±0.217 ^{ecd}	18.96±1.45 ^b	14.29±1.01°	

Mean bearing different letters superscripts differ significantly ($p\!>\!\!0.05$)

Table (2): Blood indices of rams at 1^{st} and 2^{nd} weeks post s/c administration of ivermectin (0.2mg kg⁻¹), Rafoxanide (3m kg⁻¹ and their concurrent use. (n=5)

Parameters	Control	(Ivermectin treated group)		`	xanide group)	(Ivermectin + rafoxanide treated group)	
group	group	1 st week	2 nd week	1 st week	2 nd week	1 st week	2 nd week
MCV(μm³)	39.51±0.515a	37.58±0.136°	38.55±0.353 ^b	36.64±0.02g	37.00±0.298e	36.86±0.206ef	37.32±0.196 ^d
MCH (pg)	14.58±0.558a	11.21±0.21 ^{ef}	11.11±0.39 ^{efg}	11.67±1.88bcde	11.85±0.09bc	12.13±0.399b	11.84±0.8 ^{50bcd}
MCHC(%)	37.19±0.356 ^g	30.25±1.1 ^a	29.05±1.02 ^g	31.87±0.51bc	31.83±0.173bcd	32.75±1.1 ^b	31.71±0.579 ^{cde}

Means in the same rows bearing different letters superscripts differ significantly ($p\!>\!\!0.05$)

Table (3): Biochemical changes in serum of rams at 1st and 2nd weeks post s/c administration of ivermectin (0.2mg kg-1) or Rafoxanide (3mg kg-1 and their combinations (n=5).

Parameters	Control group	(Ivermectin treated group)		(Rafoxanide treated group)		(Ivermectin + rafoxanide treated group)	
group		1st week	2 nd week	1 st week	2 nd week	1st week	2 nd week
ALT (iu/l)	23.6±0.245g	25.6±0.600e	37.6±0.51 ^b	27.00±0.447e	24.6±0.678g	34.2±0.538°	47.6±0.748 ^a
≎AST (iu/l)	19.8±1.16 ^g	23.8±0.860 ^f	67.1±0.927 ^b	32.4±0.678 ^d	27.8±0.663e	44.7±0.539°	77.20±0.800a
Albumin (g/dl)	4.96±0.033a	4.87±0.137a	4.85±0.06 ^a	4.9±0.02ª	4.97±0.104 ^a	4.97±0.009a	4.98±0.092a
Blood urea nitrogen (mg/dl)	7.4±0.398 ^a	7.43±0.304 ^a	7.41±0.006 ^a	7.66±0.172 ^a	7.56±0.153 ^a	7.5±0.02 ^a	7.63±0.195 ^a
Creatinine (mg/dl)	0.72±0.037ª	0.71±0.033ª	0.68±0.037 ^a	0.68±0.009a	0.73±0.008 ^a	0.70±0.045ª	0.69±0.04ª
Cholesterol (mg/dl)	66.96±0,934 ^{ef}	67.7±0.767 ^e	66.24±0.425 ^{efg}	75.42±0.694 ^d	94.78±1.22 ^{ab}	86.6±1.03°	96.00±1.09 ^a
Triglycerides (mg/dl)	147.5±4.31 ^{ab}	148.2±1.068ª	145.4±0.400 ^{abc}	124.7±2.04 ^d	123.23±1.87 ^{de}	122.6±1.66 ^{edf}	115.6±1.5 ^g
HDL-c (mg/dl)	33.19±1.09 ^a	33.37±0.194ª	33.22±0.216 ^a	33.4±0.141ª	33.12±0.201ª	33.34±0.12ª	33.18±0.097 ^a
LDL-c (mg/dl)	24.28±0.425 ^{efg}	25.26±o.405e	24.71±0.645 ^{ef}	37.8±0.860b	36.62±0.767°	36.3±0.860 ^{cd}	39.7±1.24a

Mean bearing different letters superscripts differ significantly (p > 0.05)