APPENDIX

Table Ia Effect of Russell's viper venom on cardiovascular and renal parameters of dog I, weighing 15 kgs., injected venom 0.1 mg./kg. bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	146	136	121	120
P.P.(mm.Hg.)	50	35	50	90
H.R.(beat/min.)	212	196	183	168
R.R.(time/min.)	26	27	31	26
Rec.Tem.(^{o}F)	-	-	-	-
C.O.(l./min.)	1.59	1.51	1.65	2.02
S.V.(ml./beat)	7.5	7.7	9.0	12.0
P.V.(l.)	-	-	-	-
P.C.V.(%)	36	45	47	36
Hb (mg.%)	-	-	-	-
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	7378	7216	5906	4748
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	45452	43234	66898	40917
R.F.(%)	16.2	16.7	8.8	11.6
R.P.F.(ml./min.)	165	139	77	150
G.F.R.(ml./min.)	43	46	19	34
F.F.(%)	26.4	33.6	25.3	22.9
T. PAH(mg./min.)	5.3	2.8	3.9	6.5
P_{Osm}(mEq./l.)	305	298	322	305
U_{Osm}(mEq./l.)	427	466	711	590
C_{Osm}(ml./min.)	1.3	0.8	1.3	1.7
P.Creatinine (ugm./ml.)	6.4	6.4	8.1	3.9

Table Ib Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog I, weighing 15 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F. (ml./min.)	0.93	0.52	0.61	0.88
P.Na^+Conc.(mEq./l.)	142	139	143	134
P.K^+ Conc.(mEq./l.)	3.3	3.1	3.0	3.7
P.Cl^-Conc.(mEq./l.)	123	117	120	127
P.Ca^{++}Conc.(mEq./l.)	6.5	6.0	5.6	5.5
P.Pi Conc.(mg.%)	2.88	2.64	4.16	3.68
U.Na^+Conc.(mEq./l.)	187	123	73	68
U.K^+ Conc.(mEq./l.)	18	39	40	52
U.Cl^-Comc.(mEq./l.)	171	133	14.7	56
U.Ca^{++}Conc.(mEq./l.)	2.2	2.6	1.7	1.7
U.Pi Conc.(mg.%)	12.54	1.38	59.64	30.07
F.L. of Na^+(mEq./min.)	6.20	6.50	2.79	4.62
F.L. of K^+ (mEq./min.)	0.14	0.14	0.06	0.13
F.L. of Cl^-(mEq./min.)	5.37	5.48	2.34	4.38
F.L. of Ca^{++}(mEq./min.)	0.26	0.28	0.11	0.19
F.L. of Pi (mg./min.)	1.26	1.23	0.81	1.27
Frac.Exc. of Na^+(%)	2.80	0.98	1.60	1.30
Frac.Exc. of K^+ (%)	11.61	13.98	41.68	35.89
Frac.Exc. of Cl^-(%)	2.96	1.26	0.38	1.13
Frac.Exc. of Ca^{++}(%)	0.71	0.49	0.95	0.77
Frac.Exc. of Pi (%)	9.27	0.58	44.81	20.87

Table IIa Effect of Russell's viper venom on cardiovascular and renal parameters of dog II, weighing 15 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	116	110	106	123
P.P.(mm.Hg.)	35	30	50	55
H.R.(beat/min.)	175	148	137	153
R.R.(time/min.)	24	30	19	20
Rec.Tem.(^{o}F)	104.0	104.2	101.8	102.3
C.O.(l./min.)	1.61	1.49	1.99	1.67
S.V.(ml./beat)	9.2	10.1	14.5	10.9
P.V.(l.)	0.96	0.60	1.08	1.10
P.C.V.(%)	32	42	21	25
Hb (mg.%)	-	-	-	-
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	5792	5905	4279	5906
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	24081	52566	40423	27948
R.F.(%)	24.0	11.2	10.6	21.1
R.P.F.(ml./min.)	263	97	166	264
G.F.R.(ml./min.)	49	40	38	55
F.F.(%)	18.9	41.3	23.3	21.1
T.PAH(mg./min.)	4.2	3.9	4.9	13.5
P_{Osm}(mEq./l.)	286	291	304	285
U_{Osm}(mEq./l.)	466	495	1015	752
C_{Osm}(ml./min.)	1.3	0.5	2.8	3.8
P.Creatinine (ugm./ml.)	3.9	6.9	0.9	4.3

Table IIb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog II, weighing 15 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F.(ml./min.)	0.82	0.28	0.85	1.43
P.Na^+Conc.(mEq./l.)	131	134	138	134
P.K^+ Conc.(mEq./l.)	4.3	3.2	4.3	3.3
P.Cl^-Conc.(mEq./l.)	120	121	121	122
P.Ca^{++}Conc.(mEq./l.)	4.8	5.4	5.3	5.1
P.Pi Conc. (mg.%)	4.56	3.22	3.69	3.39
U.Na^+Conc.(mEq./l.)	110	23	216	212
U.K^+ Conc.(mEq./l.)	49	76	57	26
U.Cl^-Conc.(mEq./l.)	203	10.7	304	310
U.Ca^{++}Conc.(mEq./l.)	1.5	2.2	2.3	2.7
U.Pi Conc.(mg.%)	30.54	2.10	59.64	30.07
F.L.of Na^+(mEq./min.)	6.51	5.37	5.36	7.50
F.L.of K^+ (mE ./min.)	0.21	0.13	0.17	0.18
F.L.of Cl^-(mEq./min.)	5.96	4.85	4.70	6.83
F.L.of Ca^{++}(mEq./min.)	0.24	0.22	0.21	0.28
F.L.of Pi (mg./min.)	2.27	1.29	1.43	1.90
Frac.Exc. of Na^+(%)	1.38	0.12	3.42	4.04
Frac.Exc. of K^+ (%)	16.80	16.59	29.00	20.13
Frac.Exc. of Cl^-(%)	2.79	0.06	5.50	6.49
Frac.Exc. of Ca^{++}(%)	0.51	0.29	0.95	1.35
Frac.Exc. of Pi (%)	11.12	0.45	37.93	8.85

Table IIIa Effect of Russell's viper venom on cardiovascular and renal parameters of dog III, weighing 13 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	153	141	96	93
P.P.(mm.Hg.)	55	35	65	70
H.R.(beat/min.)	106	98	109	87
R.R.(time/min.)	18	18	29	13
Rec.Tem.(^{o}F)	101.8	104.7	102.4	102.0
C.O.(l./min.)	1.04	1.27	1.07	0.97
S.V.(ml./beat)	9.8	13.0	9.9	11.1
P.V.(l.)	0.62	0.72	0.39	0.47
P.C.V.(%)	40	46	36	28
Hb (mg.%)	15.1	18.1	14.9	10.4
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	11773	8918	7192	7712
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	60789	111054	24311	39739
R.F.(%)	19.4	8.0	29.6	17.4
R.P.F.(ml./min.)	121	53	203	135
G.F.R.(ml./min.)	35	24	35	43
F.F.(%)	29.1	46.7	17.4	32.1
T.PAH(mg./min.)	8.5	8.8	7.8	4.8
P_{Osm}(mEq./l.)	297	296	296	292
U_{Osm}(mEq./l.)	367	477	807	1541
C_{Osm}(ml./min.)	1.0	0.7	1.6	1.5
P.Creatinine (ugm./ml.)	4.3	4.3	3.9	7.3

Table IIIb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog III, weighing 13 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F. (ml./min.)	0.83	0.42	0.60	0.28
P.Na^+Conc.(mEq./l.)	143	139	143	137
P.K^+ Conc.(mEq./l.)	4.1	3.1	4.0	3.7
P.Cl^-Conc.(mEq./l.)	120	122	128	124
P.Ca^{++}Conc.(mEq./l.)	5.5	5.0	4.5	4.3
P.Pi Conc.(mg.%)	3.76	2.24	3.04	2.88
U.Na^+Conc.(mEq./l.)	143	147	185	338
U.K^+ Conc.(mEq./l.)	20	24	49	55
U.Cl^-Conc.(mEq./l.)	186	107	245	405
U.Ca^{++}Conc.(mEq./l.)	2.3	1.4	1.8	3.9
U.Pi Conc.(mg.%)	28.26	2.46	46.67	106.67
F.L.of Na^+(mEq./min.)	5.04	3.45	5.07	5.94
F.L.of K^+ (mEq./min.)	0.14	0.08	0.14	0.16
F.L.of Cl^-(mEq./min.)	4.23	3.02	4.53	5.38
F.L.of Ca^{++}(mEq./min.)	0.19	0.12	0.16	0.19
F.L.of Pi (mg./min.)	1.32	0.55	1.08	1.25
Frac.Exc. of Na^+(%)	2.35	1.79	2.19	1.59
Frac.Exc. of K^+ (%)	11.49	13.11	20.75	9.60
Frac.Exc. of Cl^-(%)	3.65	1.48	3.24	2.11
Frac.Exc. of Ca^{++}(%)	0.97	0.49	0.68	0.59
Frac.Exc. of Pi (%)	17.70	1.86	26.00	23.91

Table IVa Effect of Russell's viper venom on cardiovascular and renal parameters of dog IV, weighing 10 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	155	158	95	146
P.P.(mm.Hg.)	60	55	60	80
H.R.(beat/min.)	168	177	144	197
R.R.(time/min.)	20	24	11	18
Rec.Tem.(^{o}F)	100.6	105.0	99.8	102.7
C.O.(l./min.)	1.87	2.03	2.40	2.57
S.V.(ml./beat)	11.1	11.4	16.6	13.0
P.V.(l.)	0.81	0.83	0.88	0.83
P.C.V.(%)	31	33	20	20
Hb (mg.%)	13.1	12.8	9.1	9.4
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	6620	6246	3169	4564
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	47425	411959	129206	232295
R.F.(%)	14.0	1.5	2.4	2.0
R.P.F.(ml./min.)	180	20	47	40
G.F.R.(ml./min.)	47	7	18	18
F.F.(%)	26.1	35.2	40.3	44.6
T.PAH(mg./min.)	5.6	1.6	0.3	1.9
P_{Osm}(mEq./l.)	303	310	329	331
U_{Osm}(mEq./l.)	639	434	662	687
C_{Osm}(ml./min.)	1.6	0.2	1.2	1.7
P.Creatinine (ugm./ml.)	3.4	2.1	12.4	13.7

Table IVb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog IV, weighing 10 kgs., injected venom 0.1 mg./kg.bw. intravenously.

		post injection periods.		
parameters	control	2 hours	24 hours	48 hours
U.F. (ml./min.)	0.76	0.15	0.58	0.82
P.Na^+Conc.(mEq./l.)	139	144	144	147
P.K^+ Conc.(mEq./l.)	3.6	3.4	3.8	3.3
P.Cl^-Conc.(mEq./l.)	116	127	128	138
P.Ca^{++}Conc.(mEq./l.)	5.1	4.5	4.7	4.7
P.Pi Conc.(mg.%)	3.20	3.32	4.08	3.00
U.Na^+Conc.(mEq./l.)	204	111	178	186
U.K^+ Conc.(mEq./l.)	22	37	19	14
U.Cl^-Conc.(mEq./l.)	265	123	208	249
U.Ca^{++}Conc.(mEq./l.)	1.9	3.3	2.3	2.6
U.Pi Conc.(mg.%)	14.06	6.74	35.07	7.91
F.L.of Na^+(mEq./min.)	6.54	1.04	2.73	2.65
F.L.of K^+ (mEq./min.)	0.17	0.02	0.07	0.06
F.L.of Cl^-(mEq./min.)	5.55	0.92	2.43	2.49
F.L.of Ca^{++}(mEq./min.)	0.24	0.03	0.09	0.08
F.L.of Pi (mg./min.)	1.50	0.24	0.77	0.54
Frac.Exc. of Na^+(%)	2.37	1.60	3.78	5.76
Frac.Exc. of K^+ (%)	9.88	22.53	15.29	19.31
Frac.Exc. of Cl^-(%)	3.63	2.00	4.97	8.21
Frac.Exc. of Ca^{++}(%)	0.61	1.55	1.49	2.54
Frac.Exc. of Pi (%)	7.10	4.20	26.28	12.00

Table Va Effect of Russell's viper venom on cardiovascular and renal parameters of dog V, weighing 14 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	133	155	93	141
P.P.(mm.Hg.)	55	60	85	95
H.R.(beat/min.)	156	177	189	191
R.R.(time/min.)	16	16	26	24
Rec.Tem.(^{o}F)	99.6	98.2	100.6	102.4
C.O.(l./min.)	1.37	1.12	1.69	1.97
S.V.(ml./beat)	8.8	6.3	8.9	10.3
P.V.(l.)	0.66	0.68	0.51	0.64
P.C.V.(%)	26	35	22	16
Hb.(mg.%)	10.0	13.2	8.2	6.5
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	7791	11091	4428	5739
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	54916	152451	56488	74306
R.F.(%)	14.2	7.3	7.8	7.7
R.P.F.(ml./min.)	143	52	103	128
G.F.R.(ml./min.)	41	24	28	41
F.F.(%)	28.9	46.3	27.8	32.3
T.PAH(mg./min.)	4.7	1.6	3.1	4.9
P_{Osm}(mEq./l.)	300	292	306	294
U_{Osm}(mEq./l.)	449	432	1432	1357
C_{Osm}(ml./min.)	0.8	0.3	1.2	1.2
P.Creatinine (ugm./ml.)	2.6	1.7	0.8	4.3

Table Vb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog V, weighing 14 kgs., injected venom 0.1 mg./kg.bw. intravenously.

		post injection periods.		
parameters	control	2 hours	24 hours	48 hours
U.F. (ml./min.)	0.54	0.23	0.25	0.27
P.Na^+Conc.(mEq./l.)	141	136	141	137
P.K^+ Conc.(mEq./l.)	3.4	2.7	3.6	3.7
P.Cl^-Conc.(mEq./l.)	122	123	118	100
P.Ca^{++}Conc.(mEq./l.)	5.2	4.7	4.8	4.3
P.Pi Conc.(mg.%)	3.68	5.80	3.96	3.68
U.Na^+Conc.(mEq./l.)	137	88	55	142
U.K^+ Conc.(mEq./l.)	24	46	156	52
U.Cl^-Conc.(mEq./l.)	208	22.7	43.7	98
U.Ca^{++}Conc.(mEq./l.)	3.7	3.9	1.8	1.2
U.Pi Conc.(mg.%)	2.54	99.49	105.80	55.22
F.L.of Na^+(mEq./min.)	5.87	3.33	4.05	5.68
F.L.of K^+(mEq./min.)	0.14	0.07	0.10	0.15
F.L.of Cl^-(mEq./min.)	5.08	3.01	3.39	4.14
F.L.of Ca^{++}(mEq./min.)	0.22	0.12	0.14	0.18
F.L.of Pi (mg./min.)	1.53	1.42	1.14	1.52
Frac.Exc. of Na^+(%)	1.26	0.61	0.34	0.67
Frac.Exc. of K^+(%)	9.16	15.99	37.75	9.16
Frac.Exc. of Cl^-(%)	2.21	0.17	0.32	0.64
Frac.Exc. of Ca^{++}(%)	0.93	0.77	0.33	0.19
Frac.Exc. of Pi (%)	0.89	16.10	23.28	9.77

Table VIa Effect of Russell's viper venom on cardiovascular and renal parameters of dog VI, weighing 11 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	138	173	106	130
P.P.(mm.Hg.)	55	55	65	75
H.R.(beat/min.)	214	187	140	168
R.R.(time/min.)	38	29	25	25
Rec.Tem.(^{o}F)	100.5	106.0	102	101.6
C.O.(l./min.)	1.86	1.44	1.13	2.17
S.V.(ml./beat)	8.7	7.7	8.0	12.9
P.V.(l.)	0.84	0.78	0.59	0.73
P.C.V.(%)	37	35	31	30
Hb (mg.%)	15.1	8.3	8.8	6.6
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	5938	9607	7574	4796
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	53835	69487	71128	51346
R.F. (%)	11.0	13.8	10.6	9.3
R.P.F.(ml./min.)	129	129	82	141
G.F.R.(ml./min.)	30	53	13	27
F.F.(%)	23.5	41.1	16.4	19.3
T.PAH(mg./min.)	8.8	3.8	5.1	4.9
P_{Osm}(mEq./l.)	289	305	321	309
U_{Osm}(mEq./l.)	263	417	634	756
C_{Osm}(ml./min.)	1.9	1.0	1.2	2.0
P.Creatinine (ugm./ml.)	2.6	1.3	23.1	4.7

Table VIb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog VI, weighing 11 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F. (ml./min.)	2.13	0.70	0.59	0.83
P.Na^+Conc.(mEq./l.)	143	142	143	138
P.K^+ Conc.(mEq./l.)	4.1	3.7	4.4	4.4
P.Cl^-Conc.(mEq./l.)	117	120	124	123
P.Ca^{++}Conc.(mEq./l.)	4.8	4.6	5.1	4.7
P.Pi Conc.(mg.%)	4.12	2.64	6.00	5.60
U.Na^+Conc.(mEq./l.)	69	112	83	145
U.K^+ Conc.(mEg./l.)	14	25	54	42
U.Cl^-Conc.(mEq./l.)	84	75.9	47.6	179
U.Ca^{++}Conc.(mEq./l.)	1.0	1.2	2.8	1.9
U.Pi Conc.(mg.%)	5.29	1.45	20.07	51.74
F.L.of Na^+(mEq./min.)	4.35	7.57	1.94	3.77
F.L.of K^+(mEq./min.)	0.12	0.20	0.60	0.12
F.L.of Cl^-(mEq./min.)	3.56	6.40	1.68	3.36
F.L.of Ca^{++}(mEq./min.)	0.15	0.24	0.07	0.13
F.L.of Pi (mg./min.)	1.25	1.41	0.81	1.53
Frac.Exc.of Na^+(%)	3.38	1.03	2.53	3.19
Frac.Exc.of K^+ (%)	23.90	8.87	53.43	29.02
Frac.Exc.of Cl^-(%)	5.02	0.83	1.67	4.42
Frac.Exc.of Ca^{++}(%)	1.43	0.34	2.39	1.21
Frac.Exc.of Pi (%)	8.99	0.72	14.56	28.09

Table VIIa Effect of Russell's viper venom on cardiovascular and renal parameters of dog VII, weighing 13 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	140	113	128	141
P.P.(mm.Hg.)	45	40	70	65
H.R.(beat/min.)	129	162	149	167
R.R.(time/min.)	42	27	20	18
Rec.Tem.(^{o}F)	99.7	104.0	100.8	102.2
C.O.(l./min.)	1.42	1.71	2.05	1.52
S.V.(ml./beat)	11.0	10.5	13.7	9.1
P.V.(l.)	0.67	0.72	1.01	0.73
P.C.V.(%)	34	36	22	22
Hb (mg.%)	8.7	9.5	6.8	6.4
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	7859	5309	5010	7444
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	42089	32563	42755	44935
R.F.(%)	18.7	16.3	11.7	16.6
R.P.F.(ml./min.)	175	178	187	196
G.F.R.(ml./min.)	45	49	49	43
F.F.(%)	25.9	27.9	26.1	22.1
T.PAH(mg./min.)	4.7	7.3	3.7	5.7
P_{Osm}(mEq./l.)	280	309	307	297
U_{Osm}(mEq./l.)	272	184	1296	1004
C_{Osm}(ml./min.)	1.7	0.6	1.2	1.4
P.Creatinine (ugm./ml.)	2.1	0.9	2.1	6.0

Table VIIb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog VII, weighing 13 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F. (ml./min.)	1.75	1.08	0.29	0.43
P.Na^+Conc.(mEq./l.)	138	143	143	139
P.K^+ Conc.(mEq./l.)	3.6	3.4	3.4	3.4
P.Cl^-Conc.(mEq./l.)	117	124	131	123
P.Ca^{++}Conc.(mEq./l.)	4.4	4.3	4.5	4.2
P.Pi Conc.(mg.%)	4.08	4.32	3.08	3.88
U.Na^+Conc.(mEq./l.)	93	43	244	266
U.K^+Conc. (mEq./l.)	22	15	52	38
U.Cl^-Conc.(mEq./l.)	140	27.1	266	324
U.Ca^{++}Conc.(mEq./l.)	2.5	0.8	8.2	8.2
U.Pi Conc.(mg.%)	6.45	10.72	57.03	2.61
F.L.of Na^+(mEq./min.)	6.27	7.11	7.01	6.03
F.L.of K^+ (mEq./min.)	0.16	0.17	0.17	0.15
F.L.of Cl^-(mEq./min.)	5.32	6.17	6.42	5.34
F.L.of Ca^{++}(mEq./min.)	0.20	0.21	0.22	0.16
F.L.of Pi (mg./min.)	1.85	2.15	1.51	1.68
Frac.Exc.of Na^+(%)	2.59	0.65	1.01	1.90
Frac.Exc.of K^+ (%)	23.53	9.58	9.05	11.08
Frac.Exc.of Cl^-(%)	4.61	0.47	1.20	2.61
Frac.Exc.of Ca^{++}(%)	2.18	0.41	1.06	1.93
Frac.Exc.of Pi (%)	6.09	5.39	10.96	0.67

Table VIIIa Effect of Russell's viper venom on cardiovascular and renal parameters of dog VIII, weighing 16 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
M.A.B.P.(mm.Hg.)	83	123	131	120
P.P.(mm.Hg.)	25	40	65	60
H.R.(beat/min.)	182	184	178	141
R.R.(time/min.)	36	45	23	10
Rec.Tem.(^{o}F)	100.2	99.6	99.6	100.4
C.O.(l./min.)	1.81	1.67	2.37	1.67
S.V.(ml./beat)	9.9	10.2	13.3	11.9
P.V.(l.)	0.71	0.80	0.65	0.73
P.C.V.(%)	30	36	25	25
Hb (mg.%)	8.8	10.3	7.1	7.5
T.P.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	3683	5270	4434	5729
R.V.R.($\frac{\text{dyne-sec.}}{\text{cm.}^5}$)	18317	35510	44922	36092
E.F. (%)	20.1	14.8	9.9	15.9
R.P.F.(ml./min.)	254	177	175	199
G.F.R.(ml./min.)	52	51	41	58
F.F.(%)	20.5	28.7	23.3	29.5
T. PAH(mg./min.)	7.9	8.7	8.8	7.0
P_{Osm}(mEq./l.)	304	296	302	296
U_{Osm}(mEq./l.)	475	532	850	1290
C_{Osm}(ml./min.)	1.1	0.7	0.9	1.1
P.Creatinine (ugm./ml.)	1.3	0.9	9.0	3.4

Table VIIIb Effect of Russell's viper venom on parameters concerning electrolytes excretion of dog VIII, weighing 16 kgs., injected venom 0.1 mg./kg.bw. intravenously.

parameters	control	post injection periods. 2 hours	24 hours	48 hours
U.F. (ml./min.)	0.70	0.40	0.33	0.26
P.Na^+Conc.(mEq./l.)	138	140	139	134
P.K^+ Conc.(mEq./l.)	3.2	3.7	3.3	3.1
P.Cl^-Conc.(mEq./l.)	120	120	121	100
P.Ca^{++}Conc.(mEq./l.)	4.3	4.2	4.8	5.0
P.Pi Conc.(mg.%)	4.36	3.92	2.76	3.84
U.Na^+Conc.(mEq./l.)	115	62	149	282
U.K^+ Conc.(mEq./l.)	41	85	55	78
U.Cl^-Conc.(mEq./l.)	141	47.5	139	236
U.Ca^{++}Conc.(mEq./l.)	3.6	2.2	1.6	5.0
U.Pi Conc.(mg.%)	46.74	26.96	20.94	5.22
E.L.of Na^+(mEq./min.)	7.20	7.15	5.70	7.67
E.L.of K^+(mEq./min.)	0.17	0.19	0.13	0.18
E.L.of Cl^-(mEq./min.)	6.26	6.13	4.96	5.87
E.L.of Ca^{++}(mEq./min.)	0.22	0.21	0.20	0.29
E.L.of Pi (mg./min.)	2.27	2.00	1.13	2.26
Frac.Exc.of Na^+(%)	1.12	0.35	0.86	0.93
Frac.Exc.of K^+(%)	17.19	17.99	13.40	11.13
Frac.Exc.of Cl^-(%)	1.58	0.51	0.92	1.04
Frac.Exc.of Ca^{++}(%)	1.14	0.42	0.27	0.45
Frac.Exc.of Pi (%)	14.39	5.38	6.10	0.60

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