

Table 1. The frequency of the systems or organs that has been affected by trauma

Systems and organs affected	n
Spleen	37
Liver	34
Lungs	33
Extremities	17
Kidney	12
Central nervous system	10
Intestinal system	8
Pancreas	1
Bladder	1

n: frequency

Table 2. The comparison of laboratory findings of the variables in the groups

	Groups	n	Mean	Median	SD	Min	Max	p*
Variables								
Native thiol (SH)	Trauma	101	323.89	324.2	78.09	125.6	504.7	0.000
	Control	101	404.93	399.1	66.28	259.3	673.2	
Total thiol (SH+SS)	Trauma	101	368.45	369.1	81.84	150.5	565.2	0.000
	Control	101	444.18	369.68	72.81	279.6	742.5	
Dynamic disulphide (SS)	Trauma	101	22.22	21	7.97	4	52	0.001
	Control	101	19.64	19	4.8	10	35	
Dynamic disulphide / Total thiol, %	Trauma	101	0.06	0.05	0.024	0.01	0.18	0.000
	Control	101	0.044	0.043	0.008	0.03	0.08	
Ischemia-modified Albumin (IMA)	Trauma	101	0.49	0.47	0.22	0.14	1.74	0.000
	Control	101	0.63	0.65	0.17	0.27	1.32	
Albumin	Trauma	101	4.31	4.4	0.38	2.5	5	0.000
	Control	101	4.5	4.5	0.19	3.7	6	

n: frequency, SD: standard deviation, Min: Minimum, Max: Maximum, *: Mann Whitney U test

Table 3. The comparison of the trauma sub-groups' laboratory findings

Variables	Groups	n	Mean	SD	p*
Native thiol (SH)	Surgery	17	317.1235	76.61708	0.61
	Follow-up	84	312.3574	64.22339	
Total thiol (SH+SS)	Surgery	17	4.4235	.23326	0.57
	Follow-up	84	4.2964	.38976	
Dynamic disulphide (SS)	Surgery	17	23.8824	10.01176	0.51
	Follow-up	84	21.6429	7.49882	
Dynamic disulphide / Total thiol, %	Surgery	17	.0631	.02397	0.73
	Follow-up	84	.0622	.02415	
Ischemia-modified Albumin (IMA)	Surgery	17	0.4622	0.1477	0.67
	Follow-up	84	0.5102	0.26865	
Albumin	Surgery	17	364.8588	77.71375	0.62
	Follow-up	84	355.7327	68.63171	

n: frequency, SD: standard deviation, *: Mann Whitney U test

Table 4. The comparisons of the laboratory findings in terms of trauma type

Variables	Groups	n	Mean	SD	p*
Native thiol (SH)	Penetrating	15	322.79	55.16	0.65
	Blunt	86	311.48	67.94	
Total thiol (SH+SS)	Penetrating	15	364.78	61.33	0.78
	Blunt	86	355.96	71.55	
Dynamic disulphide (SS)	Penetrating	15	21.13	8.75	0.41
	Blunt	86	22.17	7.86	
Dynamic disulphide / Total thiol, %	Penetrating	15	0.06	0.01	0.70
	Blunt	86	0.06	0.03	
Ischemia-modified Albumin (IMA)	Penetrating	15	0.47	0.12	0.98
	Blunt	86	0.51	0.27	
Albumin	Penetrating	15	4.39	0.22	0.14
	Blunt	86	4.31	0.39	

n: frequency, SD: standard deviation, *: Mann Whitney U test