

**Table(1) : Age and gender distribution between the Group I , Group Iia and Group Iib.**

		Groups						ANOVA	
		Group I		Group IIA		Group IIB		F	P-value
Age (Years)	Range	0.83	- 55	1.5	- 55	2	- 55	1.355	0.264
	Mean ±SD	21.150	± 16.116	17.047	± 14.473	26.625	± 19.906		
Chi-Square		N	%	N	%	N	%	X <sup>2</sup>	P-value
Gender	Male	19	47.50	11	34.38	1	12.50	3.871	0.144
	Female	21	52.50	21	65.63	7	87.50		

**Table (2): Immunophenotyping between the Group I, Group Iia and Group Iib.**

		Groups			ANOVA		TUKEY'S Test					
		Group I	Group IIA	Group IIB	F	P-value	I&II A	I&II B	IIA&I IB			
Gated cell	Range	7.8	- 64.9	7.1	- 59.7	5.33	- 51.6	0.061	0.941			
	Mean ±SD	26.704	± 12.729	26.262	± 15.870	24.791	± 14.043					
CD3	Range	16.4	- 82.3	21.4	- 87.8	25.7	- 84.8	1.285	0.283			
	Mean ±SD	53.575	± 18.952	57.544	± 17.051	64.238	± 18.720					
CD4	Range	0	- 46.2	0.06	- 46.3	1	- 33.5	3.343	0.041*	0.040*	0.05*	0.990
	Mean ±SD	22.936	± 12.828	15.293	± 13.228	15.978	± 12.940					
CD8	Range	4.4	- 49.3	9.2	- 84.1	16.6	- 67	2.170	0.047*	0.045*	0.031*	0.057
	Mean ±SD	25.148	± 9.918	28.025	± 13.730	34.813	± 16.536					
CD4/CD8 ratio	Range	0	- 3.341	0.003	- 2.437	0.015	- 0.895	5.150	0.008*	0.016*	0.072	0.876
	Mean ±SD	1.101	± 0.805	0.634	± 0.607	0.499	± 0.326					
Percentage of T helper cells	Range	0	- 46.17	0	- 33.31	0.69	- 33.31	3.680	0.030*	0.024*	0.036*	0.856
	Mean ±SD	20.277	± 11.696	13.052	± 10.629	15.436	± 12.386					
Percentage of cytotoxic T cells	Range	2.4	- 47.39	6	- 84.1	13.44	- 66.6	3.503	0.035*	0.047*	0.039*	0.293
	Mean ±SD	20.452	± 10.434	25.197	± 14.731	32.899	± 16.399					
Percentage of NK cells	Range	0	- 10.51	0	- 4.71	0.03	- 6.19	0.534	0.588			
	Mean ±SD	1.150	± 1.785	1.396	± 1.451	1.790	± 2.199					

**Table (3):** Complete blood picture between Group I, Group IIa and Group IIb.

		Groups									ANOVA		TUKEY'S Test		
		Group I			Group IIa			Group IIb			F	P-value	I&IIa	I&IIb	IIa&IIb
<b>WBC (10<sup>3</sup>)</b>	<b>Range</b>	5.53	-	15.49	2.96	-	18.5	4.72	-	14.29	0.865	0.425			
	<b>Mean ±SD</b>	8.768	±	2.11	7.994	±	3.274	9.043	±	3.597					
<b>RBC (10<sup>6</sup>)</b>	<b>Range</b>	3.99	-	5.54	3.47	-	6.01	4.35	-	5.43	4.305	0.017*	0.027*	0.868	0.1
	<b>Mean ±SD</b>	4.698	±	0.394	4.405	±	0.567	4.79	±	0.349					
<b>HGB (g/dl)</b>	<b>Range</b>	9.8	-	15.6	8.2	-	14.8	9.7	-	13.6	16.255	<0.001*	<0.001*	0.151	0.265
	<b>Mean ±SD</b>	13.443	±	1.458	11.351	±	1.697	12.313	±	1.345					
<b>HCT (%)</b>	<b>Range</b>	28.3	-	53.2	26.9	-	41.8	31.9	-	40.7	18.194	<0.001*	<0.001*	0.16	0.175
	<b>Mean ±SD</b>	40.08	±	5.224	33.291	±	4.424	36.675	±	3.054					
<b>MCV (fl)</b>	<b>Range</b>	60.6	-	93.1	44.7	-	88.4	62.8	-	84.6	6.75	0.002*	0.003*	0.088	1
	<b>Mean ±SD</b>	83.628	±	8.725	76.888	±	7.887	76.8	±	6.684					
<b>MCH (pg)</b>	<b>Range</b>	22	-	31.3	13.6	-	31.8	19.1	-	29.2	7.115	0.001*	0.003*	0.034*	0.885
	<b>Mean ±SD</b>	28.618	±	2.304	26.353	±	3.251	25.825	±	3.44					
<b>MCHC(g/dl)</b>	<b>Range</b>	31.8	-	36.5	30.4	-	37.9	30.4	-	36.2	0.349	0.707			
	<b>Mean ±SD</b>	33.979	±	1.244	34.088	±	2.106	33.525	±	1.919					
<b>PLT(10<sup>3</sup>)</b>	<b>Range</b>	180	-	412	1	-	43	3	-	54	386.844	<0.001*	<0.001*	<0.001*	0.955
	<b>Mean ±SD</b>	304.175	±	65.524	8.848	±	9.71	14.25	±	16.859					

**Table(4):**Correlations in group II ITP patients.

		CD3	CD4	CD8	CD4/CD8 ratio	Percentage of T helper cells	Percentage of cytotoxic T cells	Percentage of NK cells
<b>WBC (103 /?l)</b>	<b>R</b>	-0.011	0.123	0.195	0.066	0.159	0.149	0.244
	<b>P-value</b>	0.944	0.448	0.227	0.684	0.326	0.357	0.129
<b>RBC (106/?l)</b>	<b>R</b>	0.249	0.203	0.133	0.034	0.238	0.134	-0.097
	<b>P-value</b>	0.121	0.209	0.415	0.834	0.139	0.409	0.551
<b>HGB (g/dl)</b>	<b>R</b>	0.298	0.317	0.195	0.204	0.253	0.135	0.160
	<b>P-value</b>	0.062	0.046*	0.229	0.208	0.116	0.406	0.324
<b>PLT(103/?l)</b>	<b>R</b>	0.041	-0.317	-0.018	-0.289	-0.262	0.033	-0.042
	<b>P-value</b>	0.800	0.046*	0.913	0.071	0.103	0.838	0.796
<b>ESR(mm/h)</b>	<b>R</b>	0.357	0.078	0.255	-0.054	0.032	0.278	0.004
	<b>P-value</b>	0.024*	0.631	0.112	0.741	0.844	0.082	0.982
<b>ALT(u/l)</b>	<b>R</b>	-0.047	0.241	0.064	0.233	0.160	-0.105	-0.123
	<b>P-value</b>	0.774	0.134	0.694	0.148	0.324	0.518	0.450
<b>AST(u/l)</b>	<b>R</b>	-0.082	0.204	0.093	0.254	0.145	0.045	0.029
	<b>P-value</b>	0.615	0.208	0.570	0.114	0.371	0.781	0.860
<b>T.P(g/dl)</b>	<b>R</b>	-0.128	0.305	0.150	0.274	0.188	-0.217	-0.348
	<b>P-value</b>	0.430	0.056	0.357	0.088	0.246	0.179	0.028*
<b>AIB(g/dl)</b>	<b>R</b>	-0.199	0.296	0.021	0.357	0.256	-0.112	-0.165
	<b>P-value</b>	0.217	0.063	0.900	0.024*	0.111	0.490	0.310
<b>T.Bilirubin (mg/dl)</b>	<b>R</b>	0.380	0.135	0.285	-0.025	0.138	0.287	0.081
	<b>P-value</b>	0.016*	0.405	0.075	0.881	0.396	0.072	0.619
<b>D.Bilirubin (mg/dl)</b>	<b>R</b>	0.319	0.093	0.376	-0.046	0.074	0.366	0.192
	<b>P-value</b>	0.044*	0.567	0.062	0.779	0.648	0.063	0.234
<b>Indirect Bilirubin(mg/dl)</b>	<b>R</b>	0.339	0.126	0.196	-0.015	0.137	0.204	0.018
	<b>P-value</b>	0.033*	0.437	0.226	0.929	0.399	0.207	0.911
<b>Creat(mg/dl)</b>	<b>R</b>	0.369	-0.132	0.168	-0.176	-0.216	0.174	-0.122
	<b>P-value</b>	0.072	0.416	0.300	0.276	0.180	0.283	0.452
<b>Urea(mg/dl)</b>	<b>R</b>	0.114	-0.222	0.196	-0.258	-0.316	0.199	-0.312
	<b>P-value</b>	0.483	0.168	0.225	0.109	0.067	0.219	0.062
<b>Uric acid(mg/dl)</b>	<b>R</b>	0.029	0.035	0.048	0.089	-0.108	-0.091	-0.225
	<b>P-value</b>	0.857	0.829	0.768	0.583	0.505	0.576	0.163