

Table (1): Demographic and laboratory data of the studied groups.

Parameter	Patients group	Control group	p-value
Age			
Children (median)	5	6	0.120
Adult (median)	30	37	0.655
Sex			
Female	67.5%	69.2%	0.884
Male	32.5%	30.8%	
WBCS			
Median	8.675	6.11	0.001
Range	3.27 - 21.6	4.5 - 10.5	
Lymphocyte count			
Median	3.435	1.07	0.003
Range	0.897 - 11.69	0.996 - 5.1	
Hemoglobin			
Median	4.61	4.39	0.105
Range	4.59 - 16.1	8.2 - 14.5	
PLT			
Median	12.45	272	<0.001
Range	1.09 - 67.2	167 - 423	
PD-1CD4			
Median	19.69	2.359	<0.001
Range	6.2-41.05	1.41-3.97	

Table (2): Clinical presentation of bleeding.

Bleeding type	Count (no.)	Percent (%)
Cutaneous bleeding	14	35%
Mucocutaneous bleeding	14	35%
Mucosal bleeding	12	30%
Organ bleeding	0	0%
Total	40	100%

Table (3): Correlations between PD-1 expression and other laboratory data.

PD-1CD-4	Patients group		Control group	
	r	p-value	r	p-value
Platelets	0.337	0.033(S) *	- 0.18	0.379(NS)
lymphocytes	-0.144	0.374(NS)	-0.129	0.53(NS)
MPV (fl)	-0.104	0.523(NS)	0.037	0.857(N.S.)
CD-4%	0.13	0.423(N.S.)	-0.279	0.167(N.S.)

Table (4): ROC curve of PD-1 in predicting ITP

P-value	NPV	PPV	Specificity	Sensitivity	CI	AUC	Cutoff	Marker
<0.001*	96.3	100	100	97.5	0.993-1	0.998	10.27%	PD-1

(ROC): Receiver operating characteristic, NPV negative predictive value, PPV positive predictive value, CI confidence interval, AUC area under curve

Table 5: Odd's ratio of PD1 in prediction the degree of thrombocytopenia

P-value	Odd's ratio	95% C.I. for Odd's ratio	
0.187	3.773	0.525	27.098

Table 6: Correlations between PD-1 CD4 and bleeding type in ITP patients.

Parameter	Mucocutaneous cases (no. 12)	Cutaneous cases (no.28)	P-value
Pd-1 CD-4 % (median)	13.655	20.35	0.05 (S.)