

RESULTS

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Table (1) : Sex distribution among the studied groups

St. gp.	Male		Female		Z	P
	No.	%	No.	%		
Acute ITP group (No.=25)	11	44	14	56	0.6	> 0.05
Chronic ITP group (No.=25)	12	48	13	52	0.2	> 0.05
Control group (No.=20)	10	50	10	50	0.0	--
Z	0.276		0.291			
P	> 0.05		> 0.05			
Z*	0.093		0.095			
P*	> 0.05		> 0.05			
Z**	0.192		0.209			
P**	> 0.05		> 0.05			

St. gp. : Studied groups .

No. : Number.

Z & P : Comparison between Acute ITP and Control groups.

Z & P : Comparison between Chronic ITP and Control groups.

Z & P : Comparison between Acute and Chronic ITP groups.

Table (2) : Comparison between patient and control groups as regard age

St. gp.	Acute ITP group	Chronic ITP group	Control group
Age (years)	1.0 -13.0	3.0 -14.0	3.0 - 12.0
Mean $\pm$ SD (years)	6.4 $\pm$ 3.4	7.8 $\pm$ 2.9	7.1 $\pm$ 2.3
t-value	> 0.05	> 0.05	
*t-value	> 0.05		

St. gp. : Studied groups .

SD : Standard deviation.

t-value : Compared to Control group.

*t-value : Compared to Chronic ITP group.

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Table (3) : Comparison between patient groups as regard Medical History and Clinical Examination

Variable	Acute ITP group (No.= 25)		Chronic ITP group (No.= 25)		Z	P
	No. of +ve case	%	No. of +ve case	%		
Diastasis	10	40	5	20	0.845	> 0.05
Haematuria	2	8	20	80	3.402	< 0.05
Rectal bleeding	1	4	0	0	0.204	> 0.05
Bleeding gums	2	8	0	0	0.417	> 0.05
Purpura	24	96	8	32	3.771	< 0.05
Ecchymosis	1	4	6	24	0.762	> 0.05
Pruritus	0	0	7	28	1.649	> 0.05
Vaccination	0	0	0	0	-	-
Fever	8	32	0	0	1.940	> 0.05
Lymph node enlargement	3	12	0	0	0.639	> 0.05
Hepatomegaly	2	8	0	0	0.417	> 0.05
Splenomegaly	2	8	3	12	0.149	> 0.05

St.gp. : Studied groups .

L. : Lymph node.

N. : Number.

Table (4) : Comparison between patient and control groups as regard platelet count

St.gp.	Acute ITP group	Chronic ITP group	Control group
Range	9-64	12-140	150 - 302
Mean $\pm$ SD (thousand/cmm)	29.8 $\pm$ 16.9	84.0 $\pm$ 37.9	217.2 $\pm$ 37.8
t-value	< 0.001	< 0.001	
F-value	< 0.001		

St.gp. : Studied groups .

SD : Standard deviation.

t-value : Compared to Control group.

F-value : Compared to Chronic ITP group.

Table (5) : Comparison between patient and control groups as regard Haemoglobin, TLC and Absolute Eosinophilic Count

St. gp.	Acute ITP group			Chronic ITP group			Control group		
	Haemoglobin (g/dl)	TLC (thousand /cmm)	Absolute Eosinophilic Count /cmm	Haemoglobin (g/dl)	TLC (thousand /cmm)	Absolute Eosinophilic Count /cmm	Haemoglobin (g/dl)	TLC (thousand /cmm)	Absolute Eosinophilic Count /cmm
Range	4.5-12.5	3.6-21.0	0-1316	3.5-13.8	4.4- 24.8	0-1134	12.5-15.5	4.0-8.66	0-448
Mean $\pm$ SD	10.1 $\pm$ 2.3	10.2 $\pm$ 4.5	403.8 $\pm$ 356.4	11.5 $\pm$ 2.2	8.6 $\pm$ 4.8	301.1 $\pm$ 272.2	13.8 $\pm$ 0.8	6.0 $\pm$ 1.5	112.3 $\pm$ 108.3
Value	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.001			
Value	< 0.05	< 0.05	< 0.05						

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t.g.p.	: Studied groups .
D	: Standard deviation.
- value	: Compared to Control group.
*- value	: Compared to Chronic ITP group.
TLC	: Total leucocytic count.

Table (6) : Comparison between patient and control groups as regard Serum Immunoglobulins

St. gp.	Acute ITP group			Chronic ITP group			Control group		
	IgG (g/l)	IgM(g/l)	IgA(g/l)	IgG (g/l)	IgM(g/l)	IgA(g/l)	IgG (g/l)	IgM(g/l)	IgA(g/l)
Range	670-1840	200-270	110-300	600-1940	170-300	100-280	500-1640	40-270	80-230
Mean $\pm$ SD	1247 $\pm$ 356	236 $\pm$ 24	179 $\pm$ 66	1278 $\pm$ 454	228 $\pm$ 44	181 $\pm$ 63	1041 $\pm$ 823	158 $\pm$ 73	161 $\pm$ 53
p-value	< 0.05	< 0.001	> 0.05	< 0.05	< 0.001	> 0.05			
p-value	> 0.05	> 0.05	> 0.05						

St. gp.	: Studied groups .
SSD	: Standard deviation.
P- value	: Compared to Control group.
P*- value	: Compared to Chronic ITP group.
Ig	: Immunoglobulin.

g : Immunoglobulin.

Table (7) : Comparison between patient and control groups as regard Serum C3 and C4

St.gp. variable	Acute ITP group		Chronic ITP group		Control group	
	C3 (g/l)	C4 (g/l)	C3 (g/l)	C4 (g/l)	C3 (g/l)	C4 (g/l)
Range	50-180	13-30	50-180	11-37	70-120	12-30
mean $\pm$ SD	180 $\pm$ 49	20 $\pm$ 6	105 $\pm$ 37	23 $\pm$ 8	92 $\pm$ 19	21 $\pm$ 6
P-value	> 0.05	> 0.05	> 0.05	> 0.05		
-value	> 0.05	> 0.05				

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- St.gp. : Studied groups .
SD : Standard deviation.
P-value : Compared to Control group.
P*. value : Compared to Chronic ITP group.
C : Complement component.

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Table (8) : Comparison between patient groups as regard the positivity of autoantibodies and CIC

Variable \ St.gp.	Acute ITP group (No.= 25)		Chronic ITP group (No.= 25)		Z	P
	No. of +ve case	%	No. of +ve case	%		
ANA	1	4	5	20	0.60	> 0.05
ASMA	7	28	3	12	0.63	> 0.05
Antiplatelets	19	76	20	80	0.30	> 0.05
Anticardiolipin IgG	11	44	9	36	0.37	> 0.05
Anticardiolipin IgM	1	4	3	12	0.30	> 0.05
CIC	10	40	9	36	0.18	> 0.05

St.gp. : Studied groups .
 ANA : Antinuclear antibodies.
 ASMA : Antismooth muscle antibodies.
 CIC : Circulating Immune Complex.
 IgG : Immunoglobulin.

Table (9) : Comparison between patient groups as regard Cytomegalovirus

CMV \ St.gp.	Acute ITP group (No.= 25)		Chronic ITP group (No.= 25)		Z	P
	No.	%	No.	%		
Positive	7	28	6	24	0.16	> 0.05
Immune	18	72	18	72	0	-
Non-immune	0	0	1	4	0.20	> 0.05

St.gp. : Studied groups .
 CMV : Cytomegalovirus.

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Table (10) : Correlation between Platelet count and other variables in the studied groups

→ Absolute

Variable	r	P
Haemoglobin concentration	+ 0.5451	< 0.05
Total leucocytic count	0.1197	> 0.05
Eosinophilic count	- 0.4971	< 0.05
IgG	0.2017	> 0.05
IgM	- 0.5382	< 0.05
IgA	- 0.6689	< 0.05
C3	- 0.4775	< 0.05
C4	- 0.5006	< 0.05

: Immunoglobulin .

: Complement component .