

Table (1): Comparison between hyper-destructive and hypo-productive thrombocytopenia groups as regards clinical characteristics:

Variable	Hyper-destructive thrombocytopenia (N=36)	Hypo-productive thrombocytopenia (N=44)	P-Value
Age(years)			
Mean \pm SD	37.64 \pm 14.50	36.43 \pm 14.51	0.75
Median (range)	39 (17-70)	39.5 (13-65)	
Gender			
Female	30 (78.75%)	19 (20.35%)	<0.0001
Male	6 (22.25%)	25 (80.65%)	
Diabetes			
Diabetic	9 (24.28%)	12 (28.80%)	0.21
Non-diabetic	27 (75.72%)	28 (71.20%)	
Bleeding score			
Mean \pm SD	1.08 \pm 0.65	2.57 \pm 1.38	0.0001
Median (range)	1 (0:3)	3 (0:4)	
Hypertension			
Hypertensive	5 (15.60%)	8 (23.25%)	0.30
Non-Hypertensive	31 (84.40%)	36 (76.75%)	

Table (2): Comparison between hyper-destructive and hypo-productive thrombocytopenia groups as regards laboratory findings:

Variable	Hyper-destructive thrombocytopenia (N=36)	Hypo-productive thrombocytopenia (N=44)	P-value
WBCs			
Mean ± SD	12.48±16.00	8.60±11.51	0.73
Median (range)	7.75 (1.9-80)	4.3 (1.2-9.3)	
Hemoglobin			
Mean ± SD	9.38±2.22	7.13±1.84	<0.0001
Median (range)	10 (4.5-12.2)	7.2 (2.8-11)	
Reticulocyte			
Mean ± SD	1.40±1.24	0.91±0.43	0.005
Median (range)	1 (0.01-6)	0.85 (0.4-2)	
MCV			
Mean ± SD	83.58±7.51	87.55±10.12	0.54
Median (range)	82 (74-104)	87 (64.5-110)	
Platelet			
Mean ± SD	38.52±23.51	34.92±20.64	0.59
Median (range)	30 (9.4:107)	30 (10.1:91.5)	
Coagulation profile			
Normal	34 (94.44%)	44 (100%)	0.20
Prolonged INR, PT	2 (5.56%)	0	

Table (3): Comparison between hyper-destructive and hypo-productive thrombocytopenia groups as regards platelet count and indices:

Variable	Hyper-destructive thrombocytopenia (N=36)	Hypo-productive thrombocytopenia (N=44)	P-Value
Platelets			
Mean ± SD	38.52±23.51	34.92±20.64	0.59
Median (range)	30 (9.4-107)	30 (10.1-91.5)	
MPV			
Mean ± SD	12.02±2.41	7.65±1.96	<0.0001
Median (range)	12 (8-16)	7 (6-15.4)	
PCT			
Mean ± SD	0.04±0.02	0.03±0.02	0.0001
Median (range)	0.04 (0.02-0.10)	0.02 (0.01-0.08)	
PDW			
Mean ± SD	24.35±1.61	19.23±2.56	<0.0001
Median (range)	24.5 (21.3-27)	19.75 (9-23)	

Table (4): B.M aspiration among thrombocytopenic patients:

Variable	Number (percent)
Hyper destructive thrombocytopenic group	36 (45.00%)
ITP	31 (38.75%)
TTP	3 (3.75%)
DIC	2 (2.50%)
Hypo productive thrombocytopenic group	44 (55.00%)
ALL	2 (2.50%)
AML	11 (13.75%)
Aplastic anemia	13 (16.25%)
CML	3 (3.75%)
MDS	15 (18.75%)