

Table(1): Statistical analysis of clinical and lab data of the 39 newly diagnosed B-ALL patients:

Parameter	No.of patients	Percentage
Gender		
Male	24	61.5%
Female	15	38.5%
Hepatomegaly		
Positive	19	48.7%
Negative	20	51.3%
Splenomegaly		
Positive	20	51.3%
Negative	19	48.7%
Lymphadenopathy		
Positive	24	61.5%
Negative	15	38.5%
CNS Infiltration		
Positive	2	5%
Negative	37	95%
Hb		
<10g/dl	36	92.3%
≥10g/dl	3	7.7%
TLC		
<50x10 ⁹ /L	27	69.2%
≥50x10 ⁹ /L	12	30.8%
Platelet count		
<100x10 ⁹ /L	33	84.6%
≥100x10 ⁹ /L	6	15.4%
Cytogenetic abnormalities		
t(9;22):	11	28.2%
11q(23):	2	5.1%
t(1;19):	1	2.5%
Normal karyotypic:	25	64.2%
Clinical outcome		
CR	16	41%
IR	23	59%

Table(2): Results of B-ALL patients' outcome in relation to different prognostic factors

Parameter	Groups	No.	%	CR		IR		P	Significance
				No.	%	No.	%		
Age (Years)	≥35	18	46.2	2	12.5	16	69.6	0.000	HS
	<35	21	53.8	14	87.5	7	30.4		
Sex ♂: ♀1.6:1	Male	24	61.5	7	43.8	17	73.9	0.057	NS
	Female	15	38.5	9	56.3	6	26.1		
Hepatomegaly	Yes	19	48.7	6	37.5	13	56.5	0.242	NS
	No	20	51.3	10	62.5	10	43.5		
Splenomegaly	Yes	20	51.3	6	37.5	14	60.9	0.151	NS
	No	19	48.7	10	62.5	9	39.1		

Lymphadenopathy	Yes	24	61.5	11	68.8	13	56.5	0.440	NS
	No	15	38.5	5	31.2	10	43.5		
CNS Infiltration	Yes	2	5.1	1	6.3	1	4.3	0.791	NS
	No	37	94.9	15	93.7	22	95.7		
Hb	<10g/dl	36	92.3	16	100	20	87	0.133	NS
	≥10g/dl	3	7.7	0	0	3	13		
TLC(x10 ⁹ /L)	<50	26	66.7	15	93.8	11	47.8	0.003	HS
	≥50	13	33.3	1	6.3	12	52.2		
Platelet count(x10 ⁹ /L)	<100	33	84.6	14	87.5	19	82.6	0.677	NS
	≥100	6	15.4	2	12.5	4	17.4		
Absolute PB Blasts	<4.4	19	48.7	9	56.3	10	43.5	0.433	NS
	≥4.4	20	51.3	7	43.8	13	56.5		
t(9;22)	Positive	11	28.2	2	12.5	9	39.1	0.05	S
	Negative	28	71.8	14	87.2	14	60.9		

CR: Complete Remission, IR: Incomplete Remission, P: Prevalance HS: Highly Significant, S: Significant,