

Table 6: Summary of risk factors and their association with Minimal Residual Disease

Risk factors	Criteria	MRD (<0.01%) -ve	MRD (>=0.01%) +ve	P value
Gender	Male (44)	39	5	0.69
	Female(24)	22	2	
Age	<1yr or >6yrs(32)	27	5	0.22
	>1yr to <=6yrs(36)	34	2	
Phenotype	Pre B ALL	50	7	0.58
	T-ALL	11	0	
Presenting total leukocyte counts	<=20000 (44)	41	3	0.62
	>20000 (24)	20	4	
D8 Prednisolone response	=<1000blast/cu mm (67)	61	6	0.10
	>1000blast/cu mm(1)	0	1	
D15 Marrow morphology*	M1	46	5	0.015
	M2	0	1	
	M3	0	1	
D33 Marrow morphology	M1	61	6	0.10
	>=M2	0	1	
Standard risk	n=21	20	1	0.001
Intermediate risk	n=42	39	3	
High risk	n=5	2	3	
Aberrant marker	n=16	13	3	0.20
No aberrant marker	n=52	48	4	

Cytogenetics#	B ALL (54**)			0.13
	Normal(37)	33	4	
	t(12:21)(8)	7	1	
	t(1:19)(5)	5	0	
	t(9:22)(3)	2	1	
	MLL(1)	1	0	

#Cytogenetics done for only B cell ALL

*Records available for 53/68 patients

**Records available for 54/57 B cell ALL