

Predictors and short-term outcomes of hyperleukocytosis in children with acute myeloid leukemia: a report from the Children's Oncology Group

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Online Supplementary TableS1. Predictors of hyperleukocytosis in multiple regression analysis.

Predictor	n	Odds Ratio	95% CI	P
Age (years)				
0-1	183	2.1	1.34, 3.33	0.001
2-16	660	REF	-	-
≥17	88	0.70	0.37, 1.34	0.283
FAB classification				
M0	29	2.14	0.74, 6.21	0.161
M1	124	3.01	1.61, 5.66	<0.001
M2	249	REF	-	-
M4	244	2.15	1.15, 4.02	0.017
M5	221	2.16	1.17, 4.01	0.015
M7	64	0.20	0.04, 0.94	0.041
Cytogenetic change				
Normal	203	REF	-	-
t(8;21)	140	0.72	0.32, 1.64	0.439
inv(16)	114	3.14	1.60, 6.18	<0.001
Other	474	1.24	0.75, 2.03	0.402
FLT3/ITD				
Negative	806	REF	-	-
Positive	125	3.39	2.09, 5.50	<0.001

FAB: French-American-British; CI: confidence interval; REF: reference; FLT3-ITD+ - fms-like tyrosine kinase 3-internal tandem duplication.

Online Supplementary TableS2. Days to toxicities during Induction I by white blood cell count for AAML0531 patients.

	<100		≥ 100 to < 200		WBCx10 ⁹ /L ≥ 200 to < 300		≥ 300 to < 400		≥ 400	
	Median	Range	Median	Range	Median	Range	Median	Range	Median	Range
Metabolic										
Hyperkalemia	18	0, 33	11.5	7, 31	-	-	-	-	3	3
Hyperphosphatemia	14	0, 24	14.5	4, 25	1	0, 19	11	9, 13	-	-
Hypercreatinemia	15	2, 24	16.5	11, 22	-	-	18	18	-	-
Hyperuricemia	1	0, 4	4	4	-	-	-	-	1	1
Pulmonary										
Hypoxia	7.5	0, 24	1.5	0, 17	1	0, 8	36	36	1	0, 1
Pulmonary hemorrhage	8	4, 12	9.5	2, 17	-	-	36	36	8	8
CNS										
Seizure	12.5	7, 18	26.5	23, 30	-	-	-	-	-	-
CNS ischemia or hemorrhage	11	11, 28	11.5	0, 23	-	-	1	1	0	0

CNS: central nervous system; WBC: white blood cell.