Supplemental material

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Supplemental Table 1. Characteristics of patients.

			All patients (n = 77)
Age at diagnosis	Years	mean ± SD	69.7 ± 5.3
		median (IQR)	69 (66-73)
Gender	Male	n (%)	43 (55.8%)
ECOG score	0	n (%)	24 (31.2%)
	1	n (%)	30 (39.0%)
	2	n (%)	21 (27.3%)
	3	n (%)	2 (2.6%)
Type of leukaemia and ELN risk	AML with low risk	n (%)	14 (18.2%)
	AML with intermediate risk	n (%)	30 (39.0%)
	AML with high risk	n (%)	14 (18.2%)
	AML with unknown risk	n (%)	9 (11.7%)
	ALL	n (%)	10 (13.0%)
Initial treatment received	Intensive chemotherapy	n (%)	62 (80.5%)
	HMA	n (%)	11 (14.3%)
	TKI only	n (%)	1 (1.3%)
	Low-dose chemotherapy	n (%)	2 (2.6%)
	Palliative care only	n (%)	1 (1.3%)
GDS score			
Pain	0-10	median (IQR)	0 (0-3)
Tiredness	0-10	median (IQR)	4 (1-7)
Nausea	0-10	median (IQR)	0 (0-1)
Depression	0-10	median (IQR)	0 (0-4)
Anxiety	0-10	median (IQR)	2 (0-4)
Drowsiness	0-10	median (IQR)	2 (0-4)
Appetite	0-10	median (IQR)	2 (0-5)
Well-being	0-10	median (IQR)	1 (0-4)
Shortness of breath	0-10	median (IQR)	0 (0-2)
Overall score	0-90	median (IQR)	17 (8-33)

ECOG = Eastern Cooperative Oncology Group; ELN =European Leukaemia Net; GDS = Global Distress Score; AML =Acute Myeloid Leukaemia; ALL = Acute Lymphoblastic Leukaemia; HMA= Hypomethylating Agent; TKI=Tyrosine Kinase Inhibitor; SD = standard deviation; IQR = interquartile range

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Supplemental Table 2. Association between GDS score and OS

Unadjusted analysis	HR	95% CI	p
Linear association (+10 GDS points)	1.214	1.042 - 1.414	0.013
GDS ≥ 33 vs GDS < 33 [1]	1.890	1.079 - 3.309	0.026
Adjusted analysis *	**HR**	**95% CI**	**p**
Linear association (+10 GDS points)	1.190	1.007 - 1.407	0.042
GDS ≥ 33 vs GDS < 33 [1]	2.045	1.059 - 3.947	0.033

Notes: * = the analysis was adjusted for age at diagnosis, gender, ECOG score, type of leukaemia and ELN risk; [1] = upper quartile of GDS score was equal to 33; GDS = Global Distress Score; HR = hazard ratio; CI = confidence interval; p = p-value.