SUPPLEMENTARY TABLE

Supplementary Table 1. Univariate and multivariate analysis of clinical parameters on OS and PFS.

	OS			PFS		
	HR	**95% CI**	**P-value**	**HR**	**95% CI**	**P-value**
Univariate analysis						
The year of diagnosis	1.06	0.53-2.09	0.878	0.62	0.33-1.16	0.133
	1.07	0.51-2.25	0.865	0.65	0.34-1.22	0.179
Age (>18)	1.24	0.66-2.35	0.508	1.43	0.80-2.54	0.238
Gender	0.96	0.51-1.82	0.910	1.07	0.61-1.88	0.818
Stage (III/IV)	3.30	1.03-10.63	0.040	3.10	1.12-8.55	0.029
ECOG (>1)	4.06	1.81-9.10	0.001	4.72	2.21-10.07	<0.001
B symptom	1.29	0.72-2.32	0.400	1.33	0.78-2.27	0.290
BM involvement	2.68	1.43-5.0	0.002	2.51	1.44-4.40	0.001
Bulky mass (>7.5cm)	1.41	0.80-2.49	0.250	0.95	0.55-1.64	0.857
CNS involvement	2.89	1.35-5.78	0.005	3.20	1.65-6.20	0.001
Ki67 (≥75%)	0.75	0.41-1.37	0.350	0.94	0.53-1.66	0.829
Elevated LDH	1.28	0.73-2.27	0.390	1.16	0.69-1.96	0.571
Extra nodal site (>2)	1.78	1.00-3.19	0.050	1.74	1.02-2.95	0.041
IPI score (≥2)	2.52	1.29-4.94	0.007	2.38	1.30-4.34	0.005
Neutrophil-to-lymphocyte ratio (≥4.95)	3.82	1.74-5.69	0.001	3.33	1.75-5.37	0.001
APBSCT	0.21	0.10-0.45	<0.001	0.27	0.14-0.50	<0.001
Maintenance Treatment (≥1 year)	0.13	0.05-0.33	<0.001	0.23	0.11-0.47	<0.001
Multivariate analysis						
APBSCT	0.18	0.08-0.40	<0.001	0.30	0.15-0.60	0.001
BM involvement	2.22	1.15-4.27	0.017	2.10	1.16-3.68	0.014
CNS involvement	2.97	1.37-6.43	0.006	3.50	1.70-7.21	0.001
EC0G (>1)	2.69	1.05-6.89	0.040	4.76	2.02-11.21	0.003
Neutrophil-to-lymphocyte ratio (≥4.95)	2.75	1.55-4.89	0.015	2.07	1.25-4.96	0.021
Maintenance Treatment (≥1 year)	0.16	0.06-0.40	<0.001	0.37	0.17-0.79	0.010

Factors with P<0.10 in the univariate analyses were subjected to multivariate analysis afterwards. Forward stepwise Cox proportional-hazard modeling was used in multivariate analysis of risk factors. LDH, lactate dehydrogenase; CNS, Central nervous system; BM, bone marrow; ECOG, Eastern Cooperative Oncology Group; IPI, International Prognostic Index; TBI, total body irradiation; APBSCT, autologous peripheral blood stem cell transplantation; The year of diagnosis was divided by every 5 years into three groups.