

TABLE 3. Association between chronic GvHD and various factors (Univariate analysis)

Factor	Number with Chronic GvHD	Number without Chronic GvHD	<i>P</i> -value
LD-index #			
< 9,040	20 (49%)	21 (51%)	0.004
≥ 9,040	10 (20%)	41 (80%)	
Age at transplant #			
< 10.5	12 (26%)	34 (74%)	0.27
≥ 10.5	18 (39%)	28 (61%)	
Gender			
Male	14 (26%)	40 (74%)	0.12
Female	16 (42%)	22 (58%)	
Donor source			0.006
BM	6 (17%)	30 (83%)	0.012
PBSC	4 (80%)	1 (20%)	0.037
CB	20 (39%)	31 (61%)	0.18
HLA			
Matched	10 (26%)	28 (74%)	0.367
Mismatched	20 (37%)	34 (63%)	
Conditioning			
MAC	16 (36%)	29 (64%)	0.658
RIC	14 (30%)	33 (70%)	
Relationship with donor			
Related	7 (23%)	23 (77%)	0.238
Unrelated	23 (37%)	39 (63%)	
Disease			
Hematological malignancy	25 (40%)	38 (60%)	0.054
Other	5 (17%)	24 (83%)	
Number of transplantations			
First	24 (31%)	54 (69%)	0.373
≥2	6 (43%)	8 (57%)	
Bacterial infection			
Yes	8 (40%)	12 (60%)	0.432
No	22 (31%)	50 (69%)	
CMV reactivation			
Yes	9 (29%)	22 (71%)	0.646

No	21 (34%)	40 (66%)	
Fungal infection			
Yes	6 (46%)	7 (54%)	0.340
No	24 (30%)	55 (70%)	
Grade II - IV acute GvHD			
Yes	15 (39%)	23 (61%)	0.265
No	15 (28%)	39 (72%)	
Grade III - IV acute GvHD			
Yes	17 (30%)	40 (70%)	
No	13 (37%)	22 (63%)	0.499
Duration (days) of lymphopenia #			
< 23	22 (42%)	31 (58%)	0.044
≥ 23	8 (21%)	31 (79%)	

#: Receiver operating characteristic (ROC) curve analysis was performed to decide optimal index age at transplantation and (days) of lymphopenia from day 0 to the day of $0.5 \times 10^9/L$ after HSCT.

Abbreviations: the same as Table 2.