

Electronic Supplementary ► **Table 1** and ► **Table 2****Supplementary Table 1** Comparison of EFS based on the type of pre-transplant imaging, response, disease status, and number of lines of treatment in HL and NHL.

Baseline feature		Entire cohort			HL			NHL		
		EFS (median)	EFS @3 years (%)	P value	EFS (median)	EFS @3 years (%)	P value	EFS (median)	EFS @3 years (%)	P value
Disease presentation	Relapsed (n=30)	19.8	45.0	0.582	19.8	50	0.400	7.9	40	0.113
	Refractory (n=15)	NR	53.3		NR	66.7		3.2	0	
Number of lines of therapy	1-2 lines treatment(n=39)	73.4	52.8	0.092	NR	60.6	0.317	11.5	40	0.275
	>2 lines treatment(n=6)	7.2	16.7		7.2	0		7.3	0	
ORR based on imaging modality	ORR(PET CT)(n=22)	NR	54.5	0.987	NR	69.2	0.564	3.1	33	0.370
	ORR(CT)(n=21)	23.8	46.8		NR	54.5		7.9	37.5	
Pre transplant response status (based on both PET-CT and CECT)	CR(n=23)	73.4	60.9	0.545	NR	73.3	0.273	2.6	37.5	0.561
	PR(n=20)	11.6	37.5		19.8	43.4		11.5	30.3	

HL, Hodgkin lymphoma; NHL, non-Hodgkin lymphoma; EFS, Event-free survival; CR, complete response; PR, partial response; CT, Computed Tomography; PET CT, Positron Emission Tomography and Computed Tomography; ORR, overall response rate

**Supplementary Table 2** Comparison of OS in HL and NHL based on the type of pre transplant imaging, response, disease status and no of lines of treatment.

Baseline feature		Entire cohort			HL			NHL		
		OS (median)	OS @3 years (%)	P value	OS (median)	OS @3 years (%)	P value	OS (median )	OS @3 years (%)	P value
Disease presentation	Relapsed (n=30)	NR	52.3	0.179	NR	59.9	0.125	24.3	44.6	0.434
	Refractory (n=15)	NR	80		NR	91.7		6.8	33.3	
Number of lines of therapy	1-2 lines treatment(n=39)	NR	63.6	0.275	NR	76	0.495	24.3	44.6	0.545
	>2 lines treatment(n=6)	9.3	50.0		NR	66.7		9.3	33.3	
ORR based on imaging modality	ORR(PET CT)(n=22)	NR	67.1	0.941	NR	83.1	0.897	10	44.4	0.514
	ORR(CT)(n=21)	NR	63.6		NR	79.5		NR	46.7	
Pre transplant response status (based on both PET-CT and CECT)	CR(n=23)	NR	69.3	0.855	NR	86.2	0.511	6.8	37.5	0.210
	PR(n=20)	NR	58		NR	71.2		24.3	48.5	

HL, Hodgkin lymphoma; NHL, non-Hodgkin lymphoma; OS, Overall survival; CR, complete response; PR, partial response; CT, Computed Tomography; PET CT, Positron Emission Tomography and Computed Tomography; ORR, overall response rate