

Concomitant systemic and central nervous system non-Hodgkin lymphoma: the role of consolidation in terms of high dose therapy and autologous stem cell transplantation. A 60-case retrospective study from LYSA and the LOC network

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Supplemental table 1: Univariate analysis by key subsets: 3-year overall and progression-free survival rates and P-values for the whole group of patients

	N° of patients	Overall Survival			Progression Free Survival		
		%	HR [95%CI]	P*	%	HR [95%CI]	P*
Gender				0.07			
Male	35	53	1		53	1	0.03
Female	25	33	1.19 [0.49-3.89]		28	2.160 [1.07-4.36]	
Patient Age				.063			0.11
< 60	28	54	1		50	1	
≥ 60	32	35	2.01 [0.96-4.20]		35	1.79 [0.87-3.66]	
IPI				0.096			0.22
0-2	16	67	1		61	1	
3-5	41	37	2.27 (0.86-5.95)		37	1.74 [0.71-4.27]	
LDH				0.29			0.47
normal	23	38	1		38	1	
elevated	35	47	1.27 (0.72-3.03)		44	1.30 [0.60-2.63]	
ECOG				0.29			0.42
0	28	54	1		50	1	
≥ 1	30	34	1.47 (0.72-3.00)		34	1.33 [0.66-2.68]	
Number extranodal sites				0.12			0.09
1	15	67	1		67	1	
≥ 2	45	38	2.13 (0.82-5.55)		36	2.30 [0.89-5.99]	
Bone marrow involvement				0.55			0.76
no	35	45	1		41	1	
yes	25	43	1.26 (0.59-2.68)		43	1.12 [0.53-2.37]	
High dose therapy				0.002			0.001
yes	19	75	1		75	1	
no	41	29	5.38 [1.89-15.38]		26	5.81 [2.04-16.67]	

Abbreviations: HR: hazard ratio; CI: confidence interval; IPI: international prognostic index; LDH: lactate dehydrogenase; ECOG: Eastern cooperative oncology group.

The effect of high dose therapy on overall survival and progression-free survival was studied with a Cox model with time varying covariate to avoid time varying bias.

Supplemental table 2: Multivariate Analyses for the whole group of patients

Characteristics	Overall Survival			Progression Free Survival		
	HR	95% CI	P*	HR	95% CI	P*
High dose therapy						
No	0.20	1 0.07-0.59	0.003	0.17	1 0.06-0.49	0.001

Abbreviations: HR: hazard ratio; CI: confidence interval,