

Supplementary Table SI. Demographic data of 93 patients operated upon for brain biopsy

<i>n</i>	93
Age (years) median range	64 18-82
Sex Male (%) Female (%)	60.2% 39.8%
Location of the lesion deep-seated (%) diffuse/multicentric (%)	71% 29%
Preoperative KPS 80-100 60-70 <60	35% 53% 12%
Follow-up (months) median range	29 1-78

Supplementary Table SII. Prognostic factors for overall survival among HGG and PCNSL patients treated with needle biopsy

Parameter	Univariate analysis*		Multivariate analysis [#]	
	median OS (mos)	<i>p</i>	Hazard Ratio	<i>p</i>
Age (<70 vs ≥ 70 years)	4.5 vs 5	0.8791	0.812 (0.448-1.475)	0.4945
KPS (≥ 70 vs <70)	5.5 vs 4	0.1737	0.553 (0.285-1.073)	0.0798
Site (deep vs diffuse)	5 vs 4.5	0.3657	0.746 (0.421-1.321)	0.3144
Histology (HGG vs PCNSL)	5 vs 4.5	0.4140	1.558 (0.674-3.601)	0.2997
Complications (no vs yes)	5 vs 1.5	0.0130	0.481 (0.165-1.407)	0.1813
Adjuvant therapy (yes vs no)	6.5 vs 1.5	<0.0001	0.184 (0.093-0.364)	<0.0001

Table notes: HGG, high-grade glioma; KPS, Karnofsky performance status; OS, overall survival; PCNSL, primary central nervous system lymphoma. *, Kaplan-Meier analysis using log-rank test; [#], Cox analysis.