

# **Extent of resection and molecular pathologic subtype are potent prognostic factors of adult WHO grade II glioma**

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**Table S1** Patients' characteristics according to the use of radiotherapy

Variable	Level	RT (N=102)	%	No RT (N=51)	%
Tumor size	< 6 cm	64	62.7	44	86.3
	≥ 6 cm	35	34.3	7	13.7
	Unevaluable	3	2.9	0	0
EOR	GTR	29	28.4	42	82.4
	STR	23	22.5	8	15.7
	PR	42	41.2	1	1.9
	Bx	8	7.8	0	0

Abbreviations: RT, radiotherapy; EOR, extent of resection; GTR, gross total resection; STR, subtotal

resection; PR, partial resection; Bx, biopsy

**Table S2** Recurrence rate according to extent of resection and the use of radiotherapy

Molecular subtype	EOR	Radiotherapy	Recurrence rate (%)	
ODG, IDH-mutant & 1p/19q codeleted	GTR (24)	RT (5)	0	12.5
		no RT (19)	15.8	15.6
	Non-GTR (21)	RT (21)	19	
		no RT (0)	-	
DA, IDH-mutant	GTR (38)	RT (21)	9.5	18.4
		no RT (17)	29.4	33.8
	Non-GTR (42)	RT (35)	48.6	
		no RT (7)	42.9	
DA, IDH-wild	GTR (9)	RT (3)	66.7	44.4
		no RT (6)	33.3	53.6
	Non-GTR (19)	RT (17)	58.8	
		no RT (2)	50	

Numbers in parentheses are the numbers of patients

Abbreviations: ODG, oligodendroglioma; DA, diffuse astrocytoma; EOR, extent of resection; GTR, gross total resection; RT, radiotherapy