

Variable	Number	Percentage
Patients (n)	22	100%
Age (years)		
Median	43.91	
Range	26~73	
Gender		
Male	15	68.2%
Female	7	31.8%
Ethnicity/Nationality		
Chinese/Han	22	100%
Chinse/Minority	0	0%
Diagnosis		
Recurrent glioblastoma	2	9.1%
Newly diagnosed glioblastoma	20	90.9%
Prior Surgery		
Yes	2	9.1%
No	20	90.9%
Prior Chemoradiotherapy		
Yes	2	9.1%
No	20	90.9%
Tumor Location		
Frontal	7	31.8%
parietal	3	13.6%
temporal	4	18.2%
occipital	3	13.6%
multiple lobes or central	5	22.8%
Tumor Size (cm)		
Median	34.64	
Range	19~54	
Pre-operation karnofsky performance status (score)		
Median	80	
Range	60~100	
Surgery Feature		
Nature		
Emergency	0	0%
Elective	22	100%
Extent		
Gross total resection	17	77.3%
subtotal resection	5	22.7%

Supplementary Table S2, Patient demographic, clinicopathologic and treatment characteristics