

Patient with diagnosis of cerebral glioma		338
Patients with preoperative MRI on 3T scanner		231
Excluded patients		136
Grade I (too small for analysis)		9
First eligible 34 patients with Grade IV were included the remaining were excluded, to create even groups of the different grades.		108
Due to:		19
- lesion to small		
- unable to retrieve images		
- not the right sequence or no contrast given		
Included patients		95
LGG		27
Grade II		27
Astrocytoma	22	
Oligodendroglioma	0	
Oligoastrocytoma	5	
HGG		68
Grade III		34
Anaplastic Astrocytoma	27	
Anaplastic Oligodendrglioma	3	
Anaplastic oligoastrocytoma	4	
Grade IV (GBM)		34
LGG: low grade glioma		
HGG: high grade glioma		