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.
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 Oligodendroglioma 3
      Anaplastic oligoastrocytoma 4

   Grade IV (GBM) 34

LGG: low grade glioma
HGG: high grade glioma