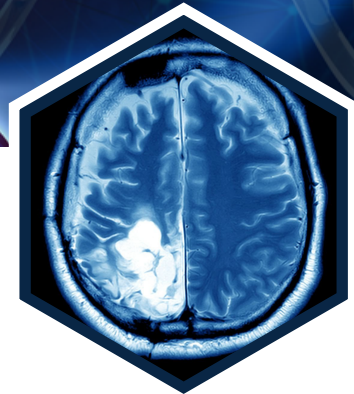
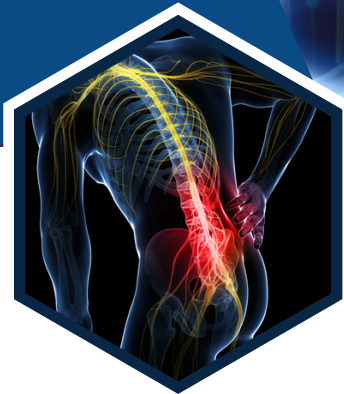
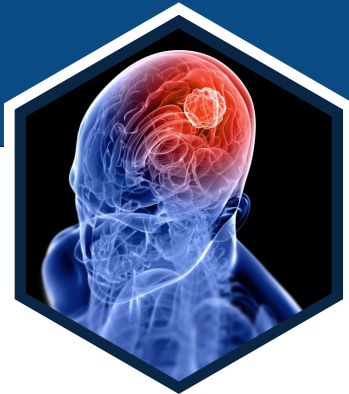




# GLIOMA / GLIOBLASTOMA

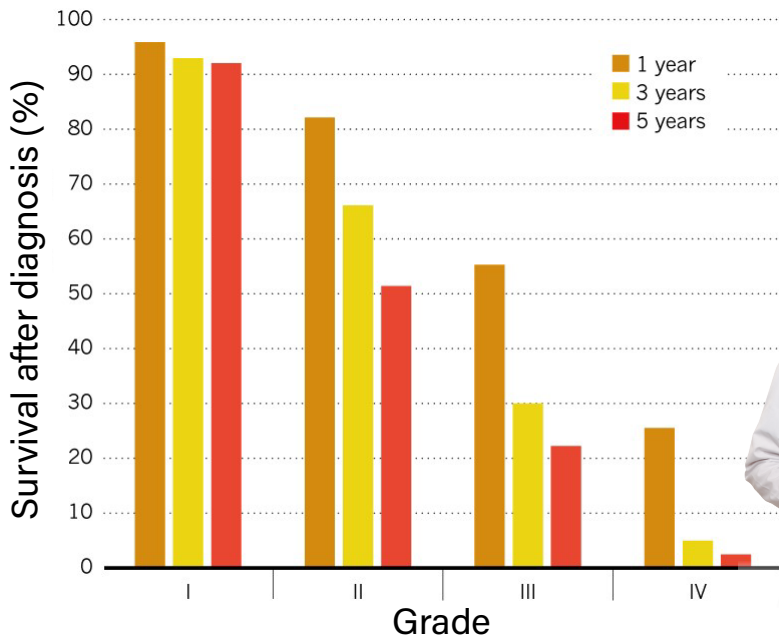
## The tumor of Brain or Spine

Understanding Genetic Mutation Status helps decision making for Treatment



## MOST CANCER DEATH OCCUR DUE TO LATE DIAGNOSIS

\*Brain and Nervous System Cancer  
The 10th leading cause of death worldwide  
Estimated Deaths in 2020  
251,329 People Died



<https://www.nature.com/articles/d41586-018-06704-7>



**Early Diagnosis Can  
Save Life**

Long term survival for WHO grade 1 tumours is very much better and probably around 90% of these tumours are effectively cured by surgery

### Glioma Diagnosis By:

FISH: 1p/19q co-deletion

MLPA: GLIOMA-2 and BRAF-IDH1-IDH2

NGS: Glioma gene panel (ATRX, TP53, BRAF, IDH1 and IDH2; SNVs and small INDELS)

Real-time PCR: MGMT gene methylation analysis (Temozolomide Resistance)