BRAIN TUMOR UPDATE

SATURDAY
MAY 9TH 2020
GLIOMA

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Agung Hercules
Brain cancer is responsible for the fourth-highest number of years of life lost. This is mainly because the disease is so difficult to diagnose and treat, but also because it is the most common cause of death from cancer in children.
5-Year survival rates of brain tumor types

- Glioblastoma
- Anaplastic astrocytoma
- Low-grade (diffuse) astrocytoma
- Anaplastic oligodendroglioma
- Oligodendroglioma
- Meningioma
- Ependymoma

Survival Rate (%)
Beau Biden / 46 yo

John McCain / 81 yo

Ted Kennedy / 77 yo
GLIOBLASTOMA MULTIFORME
MALIGNANT TUMOURS

- Glioma: 80%
- Meningioma: 19%
- Other: 1%

Nature 2018 Breaking down the epidemiology of brain cancer
GANAS (32%) VS JINAK (68%)

THE LANCET
Volume 392, Issue 10145, 4–10 August 2018, Pages 432-446
GANAS (32%)  VS  JINAK (68%)
Mortality rates are lower in some countries in Asia, including Japan — possibly owing to genetic differences in those populations.
The Role of Glioma biomolecular analysis to Determine Diagnosis and Prognosis

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Terima kasih