Glioblastoma

Glioblastoma multiforme (GBM), a type of central nervous system cancer, is the most common and most aggressive form of primary brain cancer.

Common Risk Factors

- Radiation Exposure
- Family History
- Some Genetically Inherited Syndromes
- Being Male
- Adults Ages 45-65

Signs & Symptoms

The signs and symptoms of GBM can vary depending on the size and location of the tumor in the brain. The following are common symptoms:

- Headache
- Blurred vision
- Balance problems
- Weakness on one side of the body
- Memory and/or speech difficulties

Nausea
Seizures
Vomiting
Drowsiness

Treatment Options

Treatment options for GBM vary depending on a number of factors—tumor size, position, whether it has spread to other regions of the brain and the overall health of the patient. Several types of treatment options may be considered by a health professional to treat this type of cancer, including:

- Surgery
- Radiation Therapy
- Chemotherapy
- Targeted Therapy

GBM survival rates by age group in the US

- 20-44 Age: 9%
- 45-54 Age: 22%
- 55-64 Age: 6%

Staging and Survival Rates

The 5-year relative survival rates vary depending on the stage and type of brain or nervous system cancer:

- Localized
- Regional
- Distant
- Unstaged

GBM is generally found in the cerebral hemispheres of the brain but can be found anywhere in the brain.

Global Incidence

Estimated numbers of annual new brain and nervous system cancer cases by region

- North America: 27,000
- Central America: 4,900
- South America: 22,900
- Europe: 64,600
- Asia: 156,200
- Africa: 17,000
- Australia: 2,300

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Median Ages in the United States

- 59 At Diagnosis
- 66 At Death

SOURCE: GLOBOCAN 2018

Globally, more than 241,000 deaths each year result from brain or nervous system cancer, with GBM being the most common form of the disease.

SOURCE: SEER 2013-2017
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Globally, more than 241,000 deaths each year result from brain or nervous system cancer, with GBM being the most common form of the disease.