



What is Glioblastoma (GBM)?

- > An aggressive and often fatal brain cancer.
- > A tumor that spreads like roots into healthy brain tissue, making it difficult to treat.

How Common is GBM?

- Most common cancerous brain/CNS tumor.
- Approximately 13,140 individuals diagnosed in 2020.
- Most common in adults, age 55 years and older.
- More common in men than women, rare in children.

What Causes GBM?

- For most, the cause of GBM is unknown.
- GBM is not preventable.

What are Common Symptoms of GBM?

- Headaches, seizures, memory loss, fatigue, nausea, vomiting, and changes in mood, personality, cognition, coordination, muscle control, balance and speech.

How is GBM Treated?



- There is no known cure for GBM.
- Surgery, radiation, chemotherapy and/or tumor treating fields to slow/prevent tumor growth.
- Medications to decrease side effects and ease symptoms.

What is the Prognosis of GBM?

- While outcomes are relatively poor, there are reports of long-term survival (approx. 6.8% 5-year survival).

What is the Quality of Life after Treatment?

- GBM survivors commonly report fatigue; poor sleep; concentration problems; mood changes such as depression; cognitive changes such as motor speed, mental speed, attention, memory, and planning difficulty; and, financial burden.

What are the Latest Research Breakthroughs?

- Tumor Treating Fields to prolong life expectancy; FDA-approved for GBM in 2015.
- Biomarkers have been identified for more accurate diagnosis and prognosis.



What can be Done?

- More research to understand how GBM develops and resists treatments.
- More patients involved in clinical trials to move the best treatments forward.
- Greater investments in brain tumor research from industry and government.
- Increase patient access to education, support services and resources.
- Greater awareness of GBM and the patient experience.

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ABTA Making a Difference

Funded over \$14 million in research to advance the understanding and treatment of GBM

Provide free patient and caregiver education programs and support services

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