

Glioblastoma Radiotherapy

Historically, the treatment for [glioblastoma](#) had consisted of [maximal safe resection](#) followed by an adjuvant [nitrosourea](#), with trials by the Brain Tumor Study Group demonstrating evidence for post-op [Radiotherapy](#) over best [supportive care](#) ^{1) 2)}.

Further analysis of the relationship between survival and [radiation](#) dose revealed a dose-effect relationship, with doses of 60 Gy providing superior [survival](#) when compared to lower doses ³⁾.

Glioblastoma Stereotactic Radiosurgery

[Glioblastoma Stereotactic Radiosurgery](#)

Glioblastoma Radioresistance

[Glioblastoma Radioresistance](#)

¹⁾

Walker MD, Green SB, Byar DP, Alexander E, Jr, Batzdorf U, Brooks WH, et al. Randomized comparisons of radiotherapy and nitrosoureas for the treatment of malignant glioma after surgery. N Engl J Med (1980) 303:1323-9.10.1056/NEJM198012043032303

²⁾

Walker MD, Alexander E, Jr, Hunt WE, MacCarty CS, Mahaley MS, Jr, Mealey J, Jr, et al. Evaluation of BCNU and/or radiotherapy in the treatment of anaplastic gliomas. A cooperative clinical trial. J Neurosurg (1978) 49:333-43.10.3171/jns.1978.49.3.0333

³⁾

Walker MD, Strike TA, Sheline GE. An analysis of dose-effect relationship in the radiotherapy of malignant gliomas. Int J Radiat Oncol Biol Phys (1979) 5:1725-31.10.1016/0360-3016(79)90553-4

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Last update: **2024/06/07 02:54**

