

Interstitial brachytherapy in neurosurgery

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A technique whereby [radioactive implants](#) are used to deliver locally high doses of [radiation](#) directly to [tumors](#) while exposing the nearby normal [brain](#) to less toxic doses. At present, the numbers are too small and the follow-up too short to determine the efficacy of interstitial [brachytherapy](#) ¹⁾.

Interstitial brachytherapy (IB) may reduce the rate of [tumor growth](#), but it rarely produces clinical improvement. Patients are generally not considered for IB unless their [Karnofsky performance score](#) is ≥ 70 .

¹⁾

Bernstein M, Laperriere N, Leung P, et al. Interstitial Brachytherapy for Malignant Brain Tumors: Preliminary Results. Neurosurgery. 1990; 26:371-380

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