J Pediatr Hematol Oncol. 2024 Apr 4. doi: 10.1097/MPH.0000000000002853. Online ahead of print.

Very Long-Term Survivorship in Pediatric DIPG: Case Report and Review of the Literature

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PMID: 38573000 DOI: 10.1097/MPH.0000000000002853

Abstract

Diffuse intrinsic pontine gliomas are lethal tumors with a prognosis generally less than 1 year. Few cases of survivors of 5 years or more have been reported. This case report highlights the journey of a 9.5-year survivor who underwent 3 rounds of focal radiotherapy; she experienced 6 years of progression-free survival following the first round but ultimately succumbed to her disease. An autopsy revealed a favorable IDH1 mutation and the absence of H3K27M. This case reiterates the importance of extensive molecular analyses in diffuse intrinsic pontine gliomas and explores the potential benefit of re-irradiation in patients with positive responses and long periods of remission.