

Pediatric diffuse astrocytoma

In pediatric [diffuse astrocytomas](#) (age < 20 years), most of the molecular markers differ from their adult counterparts: [IDH mutations](#) and [TP53](#) & [ATRX](#) mutations are not present, and mutation of [H3K27M](#) can occur as in high-grade pediatric gliomas. Markers are also dependent on tumor location. Unlike their adult counterpart, these tumors rarely undergo malignant degeneration ¹⁾

¹⁾

Broniscer A, Baker SJ, West AN, et al. Clinical and molecular characteristics of malignant transformation of low-grade glioma in children. J Clin Oncol. 2007; 25:682–689

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