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# Relationship of P53 Protein With Histopathology Degree of Intracranial Astrocytoma at Haji Adam Malik Hospital Medan

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**Abstract :** One of the prognosis factor of patients with astrocytoma is a proliferation index. Sometimes it is difficult to determine whether it is an astrocytoma grade 2 or level 3. The p53 protein is involved in a variety of malignancies including brain tumors. P53 genetic changes commonly occur in this astrocytoma. This is a cross sectional analytic study aimed to look at the relationship between the degree of histopathologic WHO p53 in patients with intracranial astrocytomas in HAM Hospital. The results of this study found a significant relationship between expression of p53 on astrocytomas histopathologi ( $p = 0.002$ ).

**Keywords :** Astrocytoma, astrocytoma degrees, p53.

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