

Brain Stem Glioma - Childhood - Risk Factors [1]

This section has been reviewed and approved by the [Cancer.Net Editorial Board \[2\]](#), 03/2014

ON THIS PAGE: You will find out more about the factors that increase the chance of developing brain stem glioma. To see other pages, use the menu on the side of your screen.

A risk factor is anything that increases a person's chance of developing a tumor. Although risk factors often influence the development of a tumor, most do not directly cause a tumor. Some people with several risk factors never develop a tumor, while others with no known risk factors do.

Doctors and researchers don't know what causes most childhood tumors, including brain stem glioma. There is some evidence that genetic factors may play a role in a small percentage of brain stem gliomas. Genetic conditions associated with a higher risk of developing a CNS tumor include [Li-Fraumeni syndrome \[3\]](#), [neurofibromatosis type 1 \(NF1\)](#), [4] [nevroid basal cell carcinoma syndrome \[5\]](#), [tuberous sclerosis \[6\]](#), and [Turcot syndrome \[7\]](#).

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Links:

[1] <http://www.cancer.net/cancer-types/brain-stem-glioma-childhood/risk-factors>

[2] <http://www.cancer.net/about-us>

[3] <http://www.cancer.net/node/19133>

[4] <http://www.cancer.net/node/19450>

[5] <http://www.cancer.net/node/19452>

[6] <http://www.cancer.net/node/19686>

[7] <http://www.cancer.net/node/19307>