

# Understanding Your Positive *NF2* Genetic Test Result

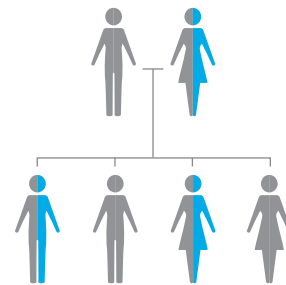
## INFORMATION FOR PATIENTS WITH A PATHOGENIC OR LIKELY PATHOGENIC VARIANT

### 5 Things To Know

1	Result	Your testing shows that you have a pathogenic or likely pathogenic variant in the <i>NF2</i> gene.
2	<i>NF2</i> -related schwannomatosis (SWN)	People with a pathogenic or likely pathogenic <i>NF2</i> variant have <i>NF2</i> -related schwannomatosis (SWN).
3	Tumor risks and other medical concerns	You have an increased chance to develop schwannomas (benign tumors of the nervous system) as well as other features of <i>NF2</i> -related SWN, such as meningioma, cataracts, or retinal hamartomas. <i>NF2</i> -related SWN is highly variable, and it is important to speak with your healthcare provider about your risks and how to manage them.
4	What you can do	Risk management decisions are very personal. There are options to detect tumors early. It is important to discuss these options with your healthcare provider and decide on a plan that works for you.
5	Family	Family members may also be at risk – they can be tested for the pathogenic or likely pathogenic <i>NF2</i> variant that was found in you. It is recommended that you share this information with family members so they can learn more and discuss this with their healthcare providers.

### *NF2* in the Family

There is a 50/50 random chance to pass on a pathogenic or likely pathogenic *NF2* variant to each of your children\*.



*\*Up to 30% of individuals with *NF2*-related SWN may be mosaic, meaning only some of their cells carry the pathogenic or likely pathogenic *NF2* variant. These individuals may have milder disease. In addition, the risk to children may be lower than 50% in these cases.*

■ Has a pathogenic or likely pathogenic *NF2* variant  
■ No pathogenic or likely pathogenic *NF2* variant

### RESOURCES

- NF2 Crew [nf2crew.org](http://nf2crew.org)
- American Brain Tumor Association [abta.org](http://abta.org)
- Children's Tumor Foundation [ctf.org](http://ctf.org)
- National Society of Genetic Counselors [nsgc.org](http://nsgc.org)
- Canadian Society of Genetic Counsellors [cagc-accg.ca](http://cagc-accg.ca)

Please discuss this information with your healthcare provider. The cancer genetics field is continuously evolving, so updates related to your *NF2* result, medical recommendations, and/or potential treatments may be available over time. This information is not meant to replace a discussion with a healthcare provider, and should not be considered or interpreted as medical advice.