

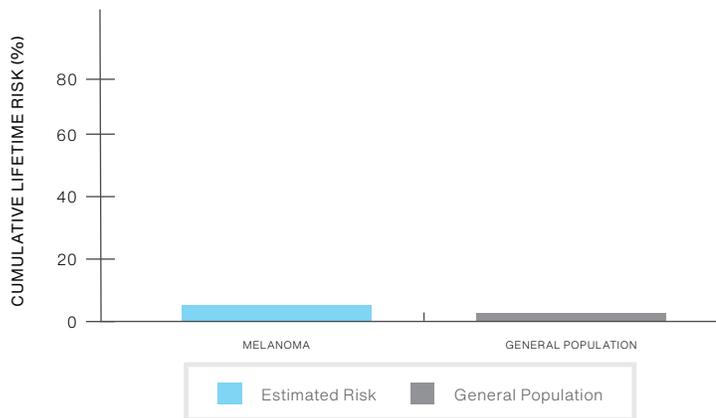
Understanding Your Positive *MITF* Genetic Test Result

INFORMATION FOR PATIENTS WITH THE P.E318K (C.952G>A) PATHOGENIC VARIANT

4 Things to Know

1	Result	Your testing shows that you have the p.E318K (c.952G>A) pathogenic variant in the <i>MITF</i> gene.
2	Cancer risks	You have an increased chance to develop melanoma (skin cancer).
3	What you can do	Risk management decisions are very personal. There are options to detect cancer early or lower the risk to develop cancer. It is important to discuss these options with your healthcare provider and decide on a plan that works for you.
4	Family	Family members may also be at risk—they can be tested for the pathogenic <i>MITF</i> variant that was found in you. It is recommended that you share this information with your family members so they can learn more and discuss with their healthcare providers.

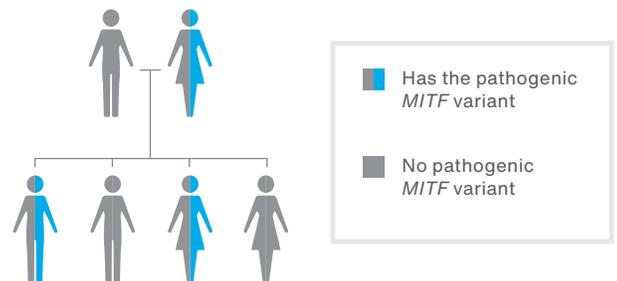
MITF Lifetime Cancer Risks (%)*



* Because risk estimates vary in different studies, only approximate risks are given. Cancer risks will differ based on individual and family history.

MITF in the Family

There is a 50/50 random chance to pass on the pathogenic *MITF* variant to each of your children.



RESOURCES

- American Cancer Society cancer.org
- National Society of Genetic Counselors nsgc.org
- Canadian Association of Genetic Counsellors cagc-accg.ca

Please discuss this information with your healthcare provider. The cancer genetics field is continuously evolving, so updates related to your *MITF* 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.